

Appendix D

Electricity Emissions Factors, Mobile Emissions Calculations, Emissions Summary, and CalEEMod Outputs

Electricity Emissions Factors

Electricity Emission Factors

2009 SDG&E ELECTRICITY EF	Amount	Units	RPS Procurement	Source	Source
CO2	720.00	lb/MWh	10.50%	CalEEMod Version 2016.3.2 - May 2010 LGOP	CPUC. 2016. Biennial RPS Program Update: https://www.cpuc.ca.gov/uploadedFiles/CPUC_Website/Content/Utilities_and_Industries/Energy/Reports_and_White_Papers/FINAL12302015Section913_6Report.pdf
CH4	0.029	lb/MWh	10.50%	CalEEMod Version 2016.3.2 - May 2010 LGOP	CPUC. 2016. Biennial RPS Program Update: https://www.cpuc.ca.gov/uploadedFiles/CPUC_Website/Content/Utilities_and_Industries/Energy/Reports_and_White_Papers/FINAL12302015Section913_6Report.pdf
N2O	0.00617	lb/MWh	10.50%	CalEEMod Version 2016.3.2 - May 2010 LGOP	CPUC. 2016. Biennial RPS Program Update: https://www.cpuc.ca.gov/uploadedFiles/CPUC_Website/Content/Utilities_and_Industries/Energy/Reports_and_White_Papers/FINAL12302015Section913_6Report.pdf
2020 SDG&E ELECTRICITY EF					
CO2	538.9944	lb/MWh	33%		
CH4	0.021709	lb/MWh	33%		
N2O	0.004619	lb/MWh	33%		
2026 SDG&E ELECTRICITY EF					
CO2	402.2346	lb/MWh	50%		
CH4	0.016201	lb/MWh	50%		
N2O	0.003447	lb/MWh	50%		
2030 SDG&E ELECTRICITY EF					
CO2	321.7877	lb/MWh	60%		
CH4	0.012961	lb/MWh	60%		
N2O	0.002758	lb/MWh	60%		
2050 SDG&E ELECTRICITY EF					
CO2	0	lb/MWh	100%		
CH4	0	lb/MWh	100%		
N2O	0	lb/MWh	100%		

Mobile Emissions Calculations

EMFAC2017 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: San Diego (SD)

Calendar Year: 2020

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption. Note 'day' in the unit is operation day.

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population	VMT	Trips	NOx_TOTEX	PM2.5_TOTEX	PM2.5_TOTAL	PM10_TOTEX	PM10_TOTAL	CO2_TOTE	CH4_TOTEX	N2O_TOTEX	ROG_TOTAL	TOG_TOTAL	CO_TOTEX	SOx_TOTEX
San Diego	2020	HHDT	Aggregate	Aggregate	GAS	19,940,6897	1996.634505	398.9733196	0.010351887	3.32848E-06	7.25692E-05	3.62003E-06	0.000183523	4.85508	0.000315331	0.000359606	0.002368554	0.003161525	0.096612517	4.8045E-05
San Diego	2020	HHDT	Aggregate	Aggregate	DSL	15158.83098	1832999.056	156643.5827	10.84522514	0.154323649	0.224916513	0.16130148	0.355879778	3330.521	0.020373424	0.523511553	0.438634232	0.499351683	2.227611062	0.031465113
San Diego	2020	HHDT	Aggregate	Aggregate	NG	757.823436	30816.14015	2955.511401	0.119394025	0.000306712	0.001511252	0.00032058	0.003640708	110.4613	0.133850828	0.022518251	0.008045937	0.143592948	0.373072699	0
San Diego	2020	LDA	Aggregate	Aggregate	GAS	1374512.127	53431842.7	6486946.638	4.240014082	0.10401143	1.149460241	0.113118833	2.748827808	17033.84	0.607580506	0.49470539	5.884511531	6.396752343	56.65598194	0.168563694
San Diego	2020	LDA	Aggregate	Aggregate	DSL	15765.94009	614670.2246	73905.23126	0.072700217	0.00634761	0.018374263	0.006634621	0.036955338	155.0741	0.000602263	0.024375489	0.012966372	0.014761353	0.176344843	0.001466008
San Diego	2020	LDA	Aggregate	Aggregate	ELEC	21536.68509	849126.6793	107483.3439	0	0	0.016614034	0	0.041886087	0	0	0	0.001148015	0.001148015	0	0
San Diego	2020	LDT1	Aggregate	Aggregate	GAS	166319.2812	5889125.742	755001.1931	1.242831723	0.017409587	0.132636373	0.018932879	0.309434213	2227.991	0.132612267	0.096537882	1.820954335	1.971863926	12.09769999	0.022047773
San Diego	2020	LDT1	Aggregate	Aggregate	DSL	132.806786	2463.952243	444.0105039	0.003433869	0.000481995	0.000530205	0.000503789	0.000625332	1.236698	2.96095E-05	0.000194392	0.000637474	0.000725722	0.004088603	1.16912E-05
San Diego	2020	LDT1	Aggregate	Aggregate	ELEC	432.2377665	17133.51522	2155.169526	0	0	0.000335235	0	0.000845169	0	0	0	2.30297E-05	2.30297E-05	0	0
San Diego	2020	LDT2	Aggregate	Aggregate	GAS	490412.8473	18096266.68	2279626.727	2.93130712	0.03510538	0.3891774	0.038178511	0.930838956	7500.925	0.302761062	0.254451399	3.309069957	3.587601101	27.36911985	0.074227738
San Diego	2020	LDT2	Aggregate	Aggregate	DSL	2611.900128	112909.6531	12855.30132	0.00705392	0.000784592	0.002993786	0.000820068	0.006389724	38.80828	0.000102535	0.006100121	0.002207515	0.002513109	0.0181293	0.000366878
San Diego	2020	LDT2	Aggregate	Aggregate	ELEC	2269.034854	78796.12434	11537.47613	0	0	0.001541727	0	0.003886889	0	0	0	0.000122101	0.000122101	0	0
San Diego	2020	LHDT1	Aggregate	Aggregate	GAS	36068.73905	1308635.81	537370.4694	0.771787312	0.00358553	0.053727666	0.003898328	0.125705059	1496.085	0.043262958	0.051618836	0.897587381	0.961660771	3.188445557	0.014804973
San Diego	2020	LHDT1	Aggregate	Aggregate	DSL	30650.09885	1175504.17	385539.6813	3.536184075	0.0390761	0.08541289	0.040842948	0.155440983	739.1303	0.011113428	0.116180998	0.239265556	0.272387928	1.081432315	0.00698744
San Diego	2020	LHDT2	Aggregate	Aggregate	GAS	5336.42161	195409.4395	79504.73072	0.107609861	0.000458209	0.009121679	0.000498344	0.021431114	255.5018	0.005462323	0.00750059	0.10816501	0.115538669	0.378530638	0.002528397
San Diego	2020	LHDT2	Aggregate	Aggregate	DSL	10410.22003	410789.0237	130947.4719	0.929592274	0.011880948	0.030546081	0.012418152	0.058234215	289.3629	0.003490622	0.045483823	0.075151045	0.085554468	0.334928359	0.00273552
San Diego	2020	MCV	Aggregate	Aggregate	GAS	78375.08078	659798.7747	156750.1616	0.896080449	0.001843048	0.006235962	0.001962623	0.013424929	171.33	0.304117631	0.051448577	2.910803455	3.347019623	17.15856637	0.001695449
San Diego	2020	MDV	Aggregate	Aggregate	GAS	323862.2667	11798102.27	1490891.559	2.334195115	0.024326538	0.255168511	0.026434969	0.608416845	5889.547	0.245575572	0.188908435	2.577066974	2.806802455	21.23701611	0.058281845
San Diego	2020	MDV	Aggregate	Aggregate	DSL	6649.23127	290576.1884	32474.71653	0.021768051	0.001857262	0.007542684	0.00194124	0.016274907	131.3179	0.000212488	0.020641351	0.00457475	0.005208049	0.073018935	0.001241427
San Diego	2020	MDV	Aggregate	Aggregate	ELEC	729.5148397	26122.32798	3744.406647	0	0	0.00051111	0	0.001288573	0	0	0	3.94451E-05	3.94451E-05	0	0
San Diego	2020	MH	Aggregate	Aggregate	GAS	11690.92506	100810.5312	1169.560143	0.066666966	0.000209278	0.006750071	0.00022748	0.016044954	205.224	0.002616461	0.003730614	0.018520015	0.023918249	0.330477183	0.002030858
San Diego	2020	MH	Aggregate	Aggregate	DSL	3786.461195	35416.52883	378.6461195	0.203392797	0.004944226	0.007281163	0.005167782	0.010880901	41.46542	0.000241859	0.006517786	0.005207072	0.005927905	0.019193788	0.000391997
San Diego	2020	MHDT	Aggregate	Aggregate	GAS	3500.704768	195204.5338	70042.10099	0.186838419	0.00330799	0.012996068	0.000359774	0.03098795	393.8358	0.009619337	0.009397312	0.102195864	0.118021071	1.085178504	0.003897324
San Diego	2020	MHDT	Aggregate	Aggregate	DSL	19130.14192	1122138.048	180921.356	5.033396819	0.126475777	0.199282387	0.132194451	0.308261268	1384.959	0.015146004	0.217696285	0.326089319	0.371227867	0.921795684	0.013084407
San Diego	2020	OBUS	Aggregate	Aggregate	GAS	1270.742037	67147.07267	25425.00667	0.066908491	8.68297E-05	0.004443469	9.4408E-05	0.010629985	137.2875	0.002961659	0.003301923	0.02703262	0.03196673	0.311325936	0.001358571
San Diego	2020	OBUS	Aggregate	Aggregate	DSL	740.555325	53431.99212	7383.407301	0.312972114	0.006944533	0.01041131	0.007258534	0.015642173	82.35775	0.000901227	0.012945491	0.019403176	0.022089039	0.065039378	0.000778075
San Diego	2020	SBUS	Aggregate	Aggregate	GAS	209.9368033	11222.00672	839.7472133	0.017910079	3.38908E-05	0.004007181	3.68594E-05	0.009349104	11.49339	0.001153232	0.000805746	0.007119733	0.009510289	0.089556349	0.000113736
San Diego	2020	SBUS	Aggregate	Aggregate	DSL	2406.348585	75332.85966	27768.92905	0.920090168	0.004324519	0.031080092	0.004520055	0.067364926	107.5005	0.000516025	0.016897582	0.011109878	0.012647751	0.03848609	0.001015611
San Diego	2020	UBUS	Aggregate	Aggregate	GAS	372.1315452	39098.4161	1488.526181	0.007547425	5.95678E-05	0.002120033	6.47854E-05	0.00504544	68.62702	0.000313914	0.000767285	0.001360882	0.001708606	0.017012155	0.00067912
San Diego	2020	UBUS	Aggregate	Aggregate	DSL	25	2628.078835	100	0.019950266	3.05993E-05	0.000133326	3.19828E-05	0.000315132	6.232763	0.001228315	0.000979703	1.75502E-05	0.001253585	0.0020109	5.8922E-05
San Diego	2020	UBUS	Aggregate	Aggregate	NG	973.4656249	109590.6686	3893.8625	0.08809233	0.000411264	0.004793085	0.000429859	0.012424213	247.6585	0.811613198	0.050486803	0.011596351	0.828310799	6.106618815	0
Total						2626117.441	98635105.85	13026587.5	34.99329499	0.545653202	2.669728365	0.578196955	5.926556197	42062.63	2.657774079	2.228063219	18.82299513	21.64241015	151.4572939	0.409880613
Emission Rate		Per VMT							3.54775E-07	5.53204E-09	2.70667E-08	5.86198E-09	6.00857E-08	0.000426	2.69455E-08	2.25889E-08	1.90835E-07	2.19419E-07	1.53553E-06	4.15552E-09

Mobile Emissions - 2020

Emission Factors 1.91E-07 3.55E-07 1.54E-06 4.16E-09 N/A 5.86E-09 6.01E-08 N/A 5.53E-09 2.71E-08 4.26E-04 2.69E-08 2.26E-08

INPUT		Pollutant Estimates - tons/day													
Land Use Alternative	VMT	ROG	Nox	CO	SO2	PM10			PM2.5			CO2	CH4	N2O	CO2e
						Fugitive	Exhaust	Total	Fugitive	Exhaust	Total				
Base Year	947,833	0.1809	0.3363	1.4554	0.0039	0.0514	0.0056	0.0570	0.0204	0.0052	0.0257	404.2004	0.0255	0.0214	411.1254

INPUT		Pollutant Estimates - tons/year													
Land Use Alternative	VMT	ROG	Nox	CO	SO2	PM10			PM2.5			CO2	CH4	N2O	CO2e
						Fugitive	Exhaust	Total	Fugitive	Exhaust	Total				
Base Year	947,833	62.77	116.68	505.03	1.37	17.83	1.93	19.76	7.08	1.82	8.90	140257.55	8.86	7.43	142660.50

INPUT		Pollutant Estimates - lbs/day													
Land Use Alternative	VMT	ROG	Nox	CO	SO2	PM10			PM2.5			CO2	CH4	N2O	CO2e
						Fugitive	Exhaust	Total	Fugitive	Exhaust	Total				
Base Year	947,833	361.76	672.54	2910.85	7.88	102.79	11.11	113.90	40.82	10.49	51.31	808400.86	51.08	42.82	822250.73

Source: EMFAC2017 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: San Diego (SD)

Calendar Year: 2030

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption. Note 'day' in the unit is operation day.

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population	VMT	Trips	NOx_TOTEX	PM2.5_TOTEX	PM2.5_TOTAL	PM10_TOTEX	PM10_TOTAL	CO2_TOTE	CH4_TOTEX	N2O_TOTEX	ROG_TOTAL	TOG_TOTAL	CO_TOTEX	SOx_TOTEX	
San Diego	2030	HHDT	Aggregate	Aggregate	GAS	17,28435662	2341.163101	345.8254073	0.007518439	2.72004E-06	8.39086E-05	2.95829E-06	0.000213904	4.49868	0.000182226	0.000330473	0.000928086	0.001299798	0.076309008	4.45209E-05	
San Diego	2030	HHDT	Aggregate	Aggregate	DSL	17517.59729	2146923.412	188976.0668	7.431747138	0.055678213	0.138413621	0.058195734	0.286243078	3022.612	0.006842307	0.475112559	0.147313003	0.167704641	1.918350831	0.028556142	
San Diego	2030	HHDT	Aggregate	Aggregate	NG	1490.96442	60751.11887	5814.761239	0.084790206	0.000264988	0.0002639625	0.000276969	0.006822289	188.2732	0.216449809	0.038380718	0.005363161	0.223489893	0.777776074	0	
San Diego	2030	LDA	Aggregate	Aggregate	GAS	1642233.743	58643392.12	7736105.427	2.370897981	0.072136744	1.219554866	0.078455291	2.971241823	14520.32	0.32592222	0.370103224	3.845252477	4.049597098	41.4088332	0.143690326	
San Diego	2030	LDA	Aggregate	Aggregate	DSL	19966.86312	723194.9827	94559.56031	0.014710655	0.001547368	0.015697419	0.001617333	0.037291407	143.3474	0.0002601	0.022532221	0.005599801	0.006375001	0.139137618	0.001355148	
San Diego	2030	LDA	Aggregate	Aggregate	ELEC	76256.60494	3120492.417	372380.4726	0	0	0.061055695	0	0.153928995	0	0	0	0.004020716	0.004020716	0	0	
San Diego	2030	LDT1	Aggregate	Aggregate	GAS	182473.2949	6042844.308	832549.8102	0.461774111	0.009241064	0.127475511	0.0100505	0.308134529	1807.722	0.055523673	0.051706069	0.943451953	0.991918701	5.908086771	0.017888873	
San Diego	2030	LDT1	Aggregate	Aggregate	DSL	28.12216079	852.7130453	121.9028163	0.000203598	1.55903E-05	3.22745E-05	1.62952E-05	5.83582E-05	0.343537	1.51772E-06	5.39992E-05	3.26757E-05	3.71991E-05	0.000308074	3.24766E-06	
San Diego	2030	LDT1	Aggregate	Aggregate	ELEC	3981.488616	167796.951	19631.39682	0	0	0.003283119	0	0.00827716	0	0	0	0.000210946	0.000210946	0	0	
San Diego	2030	LDT2	Aggregate	Aggregate	GAS	498608.6046	17103403.92	2315361.063	1.11280308	0.022291274	0.356936916	0.024243795	0.867927787	5167.955	0.146849266	0.133979682	2.059049445	2.167300453	16.17182069	0.051141107	
San Diego	2030	LDT2	Aggregate	Aggregate	DSL	4503.738581	163906.5313	21492.23886	0.005671621	0.000732259	0.003939259	0.000765369	0.008850621	43.88749	0.000127409	0.006898502	0.002743051	0.003122781	0.027436721	0.000414895	
San Diego	2030	LDT2	Aggregate	Aggregate	ELEC	14169.28609	411255.7109	69742.92296	0	0	0.00804664	0	0.020286599	0	0	0	0.000750059	0.000750059	0	0	
San Diego	2030	LHDT1	Aggregate	Aggregate	GAS	33194.36976	1179447.613	494546.6498	0.34813603	0.002888261	0.048080378	0.003141247	0.112923249	1178.527	0.018505604	0.028160045	0.573330539	0.595073199	1.485251604	0.011662485	
San Diego	2030	LHDT1	Aggregate	Aggregate	DSL	35932.03746	1287014.66	451979.8288	1.158507398	0.021141689	0.071874073	0.022097623	0.147566638	694.8065	0.009296675	0.10921391	0.200151944	0.227859681	0.919719578	0.00656842	
San Diego	2030	LHDT2	Aggregate	Aggregate	GAS	5741.233774	199832.8049	85535.82879	0.057362149	0.000447235	0.009306815	0.000486409	0.021893021	229.3754	0.002806557	0.004820695	0.060178396	0.063100595	0.21260101	0.002269856	
San Diego	2030	LHDT2	Aggregate	Aggregate	DSL	13961.1029	492672.2293	175613.1115	0.360193243	0.010490034	0.032875716	0.010964347	0.065912996	299.0602	0.003466524	0.047008101	0.074632227	0.084963829	0.343565958	0.002827195	
San Diego	2030	MCY	Aggregate	Aggregate	GAS	83414.78362	602831.1938	166829.5672	0.811060289	0.001908406	0.005922032	0.002043913	0.012516554	156.9557	0.274792183	0.046706815	2.60597554	3.025369032	14.16980421	0.001553204	
San Diego	2030	MDV	Aggregate	Aggregate	GAS	319606.7094	10944818.84	1473646.395	0.73326562	0.01398466	0.228131268	0.015209594	0.555100337	4003.067	0.099669709	0.087653221	1.447850124	1.520817593	10.41107414	0.039613595	
San Diego	2030	MDV	Aggregate	Aggregate	DSL	10205.13272	374468.3609	48415.72713	0.007839344	0.000853908	0.008180765	0.000892517	0.019364454	130.7499	0.000142983	0.02055206	0.003078336	0.003504481	0.076970951	0.001236057	
San Diego	2030	MDV	Aggregate	Aggregate	ELEC	9702.140973	286401.0302	48031.4373	0	0	0.00560373	0	0.014127714	0	0	0	0.000515077	0.000515077	0	0	
San Diego	2030	MH	Aggregate	Aggregate	GAS	8002.770737	72727.86672	800.5971846	0.016597797	0.00010199	0.004820722	0.000110923	0.011522143	128.3645	0.000545169	0.001371672	0.003867429	0.004711564	0.036120718	0.001270271	
San Diego	2030	MH	Aggregate	Aggregate	DSL	3887.577657	32498.74635	388.7577657	0.137661124	0.002713533	0.004857942	0.002836227	0.008078672	34.179	0.00018169	0.005372463	0.003911671	0.004453177	0.013405084	0.000323114	
San Diego	2030	MHDT	Aggregate	Aggregate	GAS	4351.311471	248004.2059	87061.03992	0.070857357	0.000384541	0.01647556	0.000418223	0.039330825	424.7494	0.005763495	0.005896511	0.058780086	0.064930918	0.496996382	0.004203239	
San Diego	2030	MHDT	Aggregate	Aggregate	DSL	25255.34974	1418350.743	246614.833	3.192998546	0.011397805	0.1034233	0.011913163	0.234456638	1421.23	0.000871289	0.223397548	0.018758618	0.021355259	0.260405423	0.013427075	
San Diego	2030	OBUS	Aggregate	Aggregate	GAS	1198.728979	57080.1675	23984.16942	0.026514174	8.56154E-05	0.003789093	9.31146E-05	0.009049164	99.57108	0.001497299	0.001686207	0.019170919	0.021014131	0.133881974	0.000985337	
San Diego	2030	OBUS	Aggregate	Aggregate	DSL	853.0111007	58750.91114	8650.389432	0.165511698	0.000913842	0.004725721	0.000955161	0.010173355	76.92924	9.45952E-05	0.012092206	0.002036609	0.002318524	0.027149293	0.000726789	
San Diego	2030	SBUS	Aggregate	Aggregate	GAS	482.5880773	23832.02059	1930.352309	0.008834425	3.98046E-05	0.008477827	4.32912E-05	0.019819577	21.1185	0.001263239	0.000610446	0.007976295	0.011057589	0.078729433	0.000208985	
San Diego	2030	SBUS	Aggregate	Aggregate	DSL	2105.939873	66263.75704	24302.25415	0.523723183	0.002511641	0.026046189	0.002625207	0.057904368	84.89311	0.000329491	0.013344015	0.007093853	0.008075812	0.035918778	0.000802028	
San Diego	2030	UBUS	Aggregate	Aggregate	GAS	511.0058213	53689.3969	2044.023285	0.007947481	0.000125508	0.002954909	0.000136501	0.006975867	78.11663	0.000365945	0.000876188	0.001562434	0.001950175	0.023017457	0.000773027	
San Diego	2030	UBUS	Aggregate	Aggregate	DSL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
San Diego	2030	UBUS	Aggregate	Aggregate	NG	1371.078999	154097.2108	5484.315998	0.08491254	0.000551895	0.006710012	0.000576849	0.017436143	348.8196	1.120122966	0.071109165	0.016004347	1.143167645	8.729115408	0	
Total - NON SAFE RULE									14.49487322	0.111647719	0.491477444	0.116917861	1.068838482	8492.081	1.663740153	1.085489737	3.807035157	5.671895461	29.73811822	0.076201688	
Safe Rule Adjustment									1.0047	1.142	1	1.142	1	1.0702	1	1	1.0051	1.0156	1		
Total - SAFE RULE APPLIED									4.729289689	0.137956874	2.039737403	0.149888292	4.964589874	27629.77	0.628496877	0.693478967	8.31255466	8.792785772	75.3003094	0.255343249	
Total									19.22416291	0.249604593	2.529414846	0.266806153	6.033428356	36121.85	2.292237031	1.778968704	12.11958982	14.46468123	105.0384276	0.331544936	
Emission Rate									Per VMT	1.81121E-07	2.35166E-09	2.38309E-08	2.51372E-09	5.68441E-08	0.00034	2.15964E-08	1.67606E-08	1.14185E-07	1.36279E-07	9.89622E-07	3.12366E-09

SAFE Rule Emissions Factors Source:

Criteria Pollutants

https://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf

Greenhouse Gases

https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf?utm_medium=email&utm_source=govdelivery

Mobile Emissions - 2020

Emission Factors 1.14E-07 1.81E-07 9.90E-07 3.12E-09 N/A 2.51E-09 5.68E-08 N/A 2.35E-09 2.38E-08 3.40E-04 2.16E-08 1.68E-08

INPUT		Pollutant Estimates - tons/day													
Land Use Alternative	VMT	ROG	Nox	CO	SO2	PM10			PM2.5			CO2	CH4	N2O	CO2e
						Fugitive	Exhaust	Total	Fugitive	Exhaust	Total				
General Plan Buildout	1,487,583	0.1699	0.2694	1.4721	0.0046	0.0808	0.0037	0.0846	0.0320	0.0035	0.0355	506.2586	0.0321	0.0249	514.3776
Proposed Project	1,724,540	0.1969	0.3124	1.7066	0.0054	0.0937	0.0043	0.0980	0.0370	0.0041	0.0411	586.9005	0.0372	0.0289	596.3128
Very Low B	1,277,034	0.1458	0.2313	1.2638	0.0040	0.0694	0.0032	0.0726	0.0274	0.0030	0.0304	434.6039	0.0276	0.0214	441.5738
Very Low A	1,602,905	0.1830	0.2903	1.5863	0.0050	0.0871	0.0040	0.0911	0.0344	0.0038	0.0382	545.5053	0.0346	0.0269	554.2537
Low	1,618,822	0.1848	0.2932	1.6020	0.0051	0.0880	0.0041	0.0920	0.0348	0.0038	0.0386	550.9222	0.0350	0.0271	559.7575
Moderate	1,718,623	0.1962	0.3113	1.7008	0.0054	0.0934	0.0043	0.0977	0.0369	0.0040	0.0410	584.8868	0.0371	0.0288	594.2668
High	1,983,602	0.2265	0.3593	1.9630	0.0062	0.1078	0.0050	0.1128	0.0426	0.0047	0.0473	675.0652	0.0428	0.0332	685.8914

INPUT		Pollutant Estimates - tons/year													
Land Use Alternative	VMT	ROG	Nox	CO	SO2	PM10			PM2.5			CO2	CH4	N2O	CO2e
						Fugitive	Exhaust	Total	Fugitive	Exhaust	Total				
General Plan Buildout	1,487,583	58.94	93.49	510.83	1.61	28.04	1.30	29.34	11.09	1.21	12.30	175671.73	11.15	8.65	178489.03
Proposed Project	1,724,540	68.33	108.39	592.21	1.87	32.51	1.50	34.02	12.85	1.41	14.26	203654.47	12.92	10.03	206920.53
Very Low B	1,277,034	50.60	80.26	438.53	1.38	24.08	1.11	25.19	9.52	1.04	10.56	150807.57	9.57	7.43	153226.11
Very Low A	1,602,905	63.51	100.74	550.44	1.74	30.22	1.40	31.62	11.95	1.31	13.25	189290.34	12.01	9.32	192326.04
Low	1,618,822	64.14	101.74	555.90	1.75	30.52	1.41	31.93	12.07	1.32	13.39	191170.01	12.13	9.41	194235.86
Moderate	1,718,623	68.10	108.01	590.17	1.86	32.40	1.50	33.90	12.81	1.40	14.21	202955.72	12.88	10.00	206210.57
High	1,983,602	78.59	124.67	681.17	2.15	37.40	1.73	39.13	14.78	1.62	16.40	234247.63	14.86	11.54	238004.33

INPUT		Pollutant Estimates - lbs/day													
Land Use Alternative	VMT	ROG	Nox	CO	SO2	PM10			PM2.5			CO2	CH4	N2O	CO2e
						Fugitive	Exhaust	Total	Fugitive	Exhaust	Total				
General Plan Buildout	1,487,583	339.72	538.86	2944.29	9.29	161.64	7.48	169.12	63.90	7.00	70.90	1012517.17	64.25	49.87	1028755.19
Proposed Project	1,724,540	393.83	624.70	3413.29	10.77	187.39	8.67	196.06	74.08	8.11	82.19	1173800.97	74.49	57.81	1192625.54
Very Low B	1,277,034	291.64	462.60	2527.56	7.98	138.76	6.42	145.18	54.86	6.01	60.87	869207.87	55.16	42.81	883147.60
Very Low A	1,602,905	366.06	580.64	3172.54	10.01	174.17	8.06	182.23	68.86	7.54	76.40	1091010.61	69.23	53.73	1108507.45
Low	1,618,822	369.69	586.41	3204.04	10.11	175.90	8.14	184.04	69.54	7.61	77.16	1101844.45	69.92	54.26	1119515.04
Moderate	1,718,623	392.48	622.56	3401.57	10.74	186.75	8.64	195.39	73.83	8.08	81.91	1169773.59	74.23	57.61	1188533.57
High	1,983,602	453.00	718.54	3926.03	12.39	215.54	9.97	225.51	85.21	9.33	94.54	1350130.44	85.68	66.49	1371782.86

Source: EMFAC2017 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: San Diego (SD)

Calendar Year: 2050

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population	VMT	Trips	NOx_TOTEX	PM2.5_TO	PM2.5_TOTAL	PM10_TO	PM10_TOTAL	CO2_TOTE	CH4_TOTEX	N2O_TOTEX	ROG_TOTAL	TOG_TOTAL	CO_TOTEX	SOx_TOTEX	
San Diego	2050	HHDT	Aggregate	Aggregate	Gasoline	22,766,420	2695,331,245	455,510,546	0.010226213	3.37E-06	9,684,47E-05	3.67E-06	0.000246527	4,507,503	0.000202155	0.000410579	0.001055155	0.001467179	0.086509008	4,46054E-05	
San Diego	2050	HHDT	Aggregate	Aggregate	Diesel	22,308,128	281,066,747	23,552,639	9,366,391,355	0.069428	0.17784146	0.072567	0.371392468	3382,576	0.008760264	0.531693788	0.18860609	0.214713677	2,523816605	0.031956898	
San Diego	2050	HHDT	Aggregate	Aggregate	Natural Gas	2150,180	87,669,146	8,385,702	0.072143829	0.00027	0.00369633	0.000282	0.009727175	237,0153	0.296574469	0.048317127	0.004243721	0.302683128	1,136601296	0	
San Diego	2050	LDA	Aggregate	Aggregate	Gasoline	19,847,69,241	6,417,555,17	931,043,765	2,371,896,512	0.040918	1,296,578,408	0.044502	3,210,181,398	14,272,22	0.226957012	0.396742213	2,874,584,26	2,991,298,421	39,348,900,69	0,14123514	
San Diego	2050	LDA	Aggregate	Aggregate	Diesel	24,757,052	801,264,601	116,187,456	0.007114921	0.000589	0.016266708	0.000616	0.040140908	142,9359	0.000183887	0.022467537	0.003958983	0.004507039	0.13223852	0.001351259	
San Diego	2050	LDA	Aggregate	Aggregate	Electricity	131,719,308	4,461,620,96	62,084,474	0	0	0.087296191	0	0.220084762	0	0	0	0.006824493	0.006824493	0	0	
San Diego	2050	LDT1	Aggregate	Aggregate	Gasoline	21,557,3,563	6,561,852,969	986,043,649	0.273188592	0.004436	0.132825631	0.004825	3,285,107,35	1,685,977	0.024966145	0.044084918	0.380936742	4,129,352,581	0.016684108		
San Diego	2050	LDT1	Aggregate	Aggregate	Diesel	30,215,441	919,619,814	138,120,440	3,334,75E-05	4.3E-06	2,229,32E-05	4.49E-06	4,985,77E-05	0.311151	7,267,04E-07	4,890,86E-05	1,564,55E-05	1,781,14E-05	0.00016607	2,941,49E-06	
San Diego	2050	LDT1	Aggregate	Aggregate	Electricity	85,79,835,995	2,773,56,933	39,764,088	0	0	0.005426773	0	0.013681582	0	0	0	0.000440886	0.000440886	0	0	
San Diego	2050	LDT2	Aggregate	Aggregate	Gasoline	5,736,77,834	18,197,180,72	2,671,756,496	0.6828256	0.011842	0.367888117	0.012879	0.910517208	462,7,997	0.086279041	0.114720808	1,072,041,413	1,118,959,387	13,579,490,05	0.045797782	
San Diego	2050	LDT2	Aggregate	Aggregate	Diesel	5,933,293,957	1,891,90,731	2,771,9,975	0.00615903	0.000841	0.004542991	0.000879	0.010211801	44,67,754	0.000146572	0.007022686	0.003155618	0.003592461	0.032552103	0.000422363	
San Diego	2050	LDT2	Aggregate	Aggregate	Electricity	26,782,849	6,226,18,636	1,258,27,374	0	0	0.012182172	0	0.030712801	0	0	0	0.00138543	0.00138543	0	0	
San Diego	2050	LHDT1	Aggregate	Aggregate	Gasoline	3,722,0,563	1,250,460,135	55,450,936	0.386315333	0.002993	0.050906534	0.003256	0.119647468	11,20,44	0.011276137	0.030822771	0.224121028	0.23487329	1,187,854,045	0.01108766	
San Diego	2050	LHDT1	Aggregate	Aggregate	Diesel	4,557,9,046	1,469,714,021	5,733,27,017	0.166105424	0.012182	0.07011596	0.012733	0.156012708	702,7,587	0.009495156	0.110463881	0.204425108	0.232724394	0.978590822	0.006643597	
San Diego	2050	LHDT2	Aggregate	Aggregate	Gasoline	6,935,191,989	22,145,4,281	10,332,4,072	0.073203642	0.000533	0.10351131	0.00058	0.024302408	227,6,473	0.00205469	0.005723198	0.043984738	0.045938912	0.219086687	0.002252755	
San Diego	2050	LHDT2	Aggregate	Aggregate	Diesel	1,881,0,363	5,800,22,570	2,366,10,791	0.08502173	0.011034	0.037388353	0.011533	0.0762236	313,9,745	0.003784395	0.04935242	0.081475792	0.092754772	0.394948072	0.002968188	
San Diego	2050	MCY	Aggregate	Aggregate	Gasoline	9,754,4,935	6,301,97,997	1,950,89,808	0.848580235	0.002195	0.006391228	0.002355	0.013303151	164,6,508	0.287164806	0.048855796	2,733,929,717	3,175,456,446	14,341,87,283	0.001629353	
San Diego	2050	MDV	Aggregate	Aggregate	Gasoline	36,595,4,707	11,639,272,13	1,694,276,027	0.458817333	0.007576	0.235309959	0.008239	0.582386256	3,583,3	0.055328886	0.075587176	0.798347578	8,283,11,482	8,675,045,149	0.035459663	
San Diego	2050	MDV	Aggregate	Aggregate	Diesel	13,299,4,494	4,251,64,742	61,750,3,214	0.004092393	0.000346	0.008664902	0.000362	0.021334477	130,008	0.000106213	0.020435452	0.002286709	0.002603266	0.076250247	0.001229043	
San Diego	2050	MDV	Aggregate	Aggregate	Electricity	19,881,9,348	45,717,1,432	93,038,845	0	0	0.008945028	0	0.02255155	0	0	0	0.001026477	0.001026477	0	0	
San Diego	2050	MH	Aggregate	Aggregate	Gasoline	7,428,153,399	6,927,3,274	743,112,466	0.016513838	9.99E-05	0.004594517	0.000109	0.010977862	106,7,281	0.000224403	0.00136999	0.001332425	0.001598937	0.012997533	0.001056161	
San Diego	2050	MH	Aggregate	Aggregate	Diesel	3,787,416,703	31,082,999	378,741,670	0.085354103	0.000593	0.002643794	0.00062	0.005633674	28,35,813	0.000212585	0.004457503	0.002617653	0.002980024	0.007447535	0.000268086	
San Diego	2050	MHDT	Aggregate	Aggregate	Gasoline	5,833,186,337	28,996,4,868	11,671,0,392	0.105325376	0.000471	0.019284263	0.000512	0.046008339	450,6,453	0.006279595	0.00838408	0.066138524	0.071983257	0.441964335	0.0044595	
San Diego	2050	MHDT	Aggregate	Aggregate	Diesel	3,575,1,599	19,259,33,904	34,406,0,62	4,370,821,405	0.015286	0.14024408	0.015977	0.318161489	1,725,644	0.001130997	0.271247167	0.024350065	0.027720695	0.364286608	0.016303027	
San Diego	2050	OBUS	Aggregate	Aggregate	Gasoline	1,273,24,395	5,938,5,763	25,475,0,649	0.043122726	9.28E-05	0.003945879	0.000101	0.009418742	92,46,358	0.001071486	0.002383005	0.013100626	0.014091277	0.066978235	0.000915002	
San Diego	2050	OBUS	Aggregate	Aggregate	Diesel	947,015,391	6,647,8,728	96,816,294	0.180989756	0.00103	0.005343069	0.001076	0.011507066	78,7,963	0.00010835	0.01238568	0.002332743	0.00265565	0.030970225	0.000744428	
San Diego	2050	SBUS	Aggregate	Aggregate	Gasoline	1,060,5,004	4,803,4,063	4,242,0,016	0.012913249	8.21E-05	0.017089323	8.93E-05	0.03994925	39,01,744	0.003253439	0.001071078	0.017501886	0.023583965	0.132747896	0.000386109	
San Diego	2050	SBUS	Aggregate	Aggregate	Diesel	1,953,4,774	61,752,3,711	2,254,2,859	0.182422766	0.000509	0.022440985	0.000532	0.052047356	60,00,864	5,505,76E-05	0.009432522	0.001185375	0.001349459	0.031084994	0.00056932	
San Diego	2050	UBUS	Aggregate	Aggregate	Gasoline	660,5,303	6,939,9,357	2,642,1,213	0.0213914	0.000162	0.003819595	0.000177	0.009017122	95,32,501	0.000487903	0.001773609	0.002271613	0.002777549	0.031483684	0.000943318	
San Diego	2050	UBUS	Aggregate	Aggregate	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
San Diego	2050	UBUS	Aggregate	Aggregate	Natural Gas	1,772,26,803	1,991,87,326	708,9,072	0.10975865	0.000713	0.008673417	0.000746	0.022538103	450,8,871	1,447,880	0.091916294	0.020687351	1,477,667,933	11,283,32,662	0	
Total - NON SAFE RULE									16.13660103	0.117676	0.584866763	0.123246	1.296114508	9281.443	2.07992508	1.230060489	3.633359609	5.927020543	33.27256703	0.082225619	
Safe Rule Adjustment									1.0129	1.0318	1	1.0318	1	1.1272	1	1	1	1	1.0257	1.0316	1
Total - SAFE RULE APPLIED									3.853200976	0.068669	2.175949172	0.074605	5.390363336	27602.22	0.393968484	0.681109699	5.145004235	5.490025994	68.05877367	0.2421823	
Total						3661997.854	117682544.59	18188623.12	19.98980201	0.186345	2.760815935	0.197851	6.686477844	36883.67	2.473893564	1.911170188	8.778363844	11.41704654	101.3313407	0.324407919	
Emission Rate Per VMT									1.69862E-07	1.58E-09	2.34599E-08	1.68E-09	5.68179E-08	0.000313	2.10218E-08	1.624E-08	7.45936E-08	9.70156E-08	8.61057E-07	2.75664E-09	

SAFE Rule Emissions Factors Source:

Criteria Pollutants

https://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf

Greenhouse Gases

https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf?utm_medium=email&utm_source=govdelivery

Mobile Emissions - 2050

Emission Factors		7.46E-08	1.70E-07	8.61E-07	2.76E-09	N/A	1.68E-09	5.68E-08	N/A	1.58E-09	2.35E-08	3.13E-04	2.10E-08	1.62E-08	
INPUT		Pollutant Estimates - tons/day													
Land Use Alternative	VMT	ROG	Nox	CO	SO2	PM10			PM2.5			CO2	CH4	N2O	CO2e
						Fugitive	Exhaust	Total	Fugitive	Exhaust	Total				
General Plan Buildout	1,487,583	0.1110	0.2527	1.2809	0.0041	0.0820	0.0025	0.0845	0.0325	0.0024	0.0349	466.2332	0.0313	0.0242	474.1034
Proposed Project	1,724,540	0.1286	0.2929	1.4849	0.0048	0.0951	0.0029	0.0980	0.0377	0.0027	0.0405	540.4995	0.0363	0.0280	549.6233
Very Low B	1,277,034	0.0953	0.2169	1.0996	0.0035	0.0704	0.0021	0.0726	0.0279	0.0020	0.0300	400.2437	0.0268	0.0207	406.9999
Very Low A	1,602,905	0.1196	0.2723	1.3802	0.0044	0.0884	0.0027	0.0911	0.0351	0.0025	0.0376	502.3771	0.0337	0.0260	510.8573
Low	1,618,822	0.1208	0.2750	1.3939	0.0045	0.0893	0.0027	0.0920	0.0354	0.0026	0.0380	507.3657	0.0340	0.0263	515.9302
Moderate	1,718,623	0.1282	0.2919	1.4798	0.0047	0.0948	0.0029	0.0976	0.0376	0.0027	0.0403	538.6450	0.0361	0.0279	547.7375
High	1,983,602	0.1480	0.3369	1.7080	0.0055	0.1094	0.0033	0.1127	0.0434	0.0031	0.0465	621.6938	0.0417	0.0322	632.1882

11,449.04
11,215.10

INPUT		Pollutant Estimates - tons/year													
Land Use Alternative	VMT	ROG	Nox	CO	SO2	PM10			PM2.5			CO2	CH4	N2O	CO2e
						Fugitive	Exhaust	Total	Fugitive	Exhaust	Total				
General Plan Buildout	1,487,583	38.50	87.68	444.47	1.42	28.46	0.87	29.33	11.29	0.82	12.11	161782.93	10.85	8.38	164513.87
Proposed Project	1,724,540	44.64	101.65	515.27	1.65	32.99	1.01	34.00	13.09	0.95	14.04	187553.33	12.58	9.72	190719.27
Very Low B	1,277,034	33.05	75.27	381.56	1.22	24.43	0.75	25.18	9.69	0.70	10.40	138884.56	9.32	7.20	141228.96
Very Low A	1,602,905	41.49	94.48	478.93	1.53	30.67	0.94	31.60	12.17	0.88	13.05	174324.84	11.69	9.03	177267.49
Low	1,618,822	41.90	95.42	483.68	1.55	30.97	0.94	31.92	12.29	0.89	13.18	176055.90	11.81	9.12	179027.77
Moderate	1,718,623	44.48	101.30	513.50	1.64	32.88	1.00	33.88	13.05	0.94	13.99	186909.82	12.54	9.68	190064.91
High	1,983,602	51.34	116.92	592.67	1.90	37.95	1.16	39.11	15.06	1.09	16.15	215727.76	14.47	11.18	219369.30

INPUT		Pollutant Estimates - lbs/day													
Land Use Alternative	VMT	ROG	Nox	CO	SO2	PM10			PM2.5			CO2	CH4	N2O	CO2e
						Fugitive	Exhaust	Total	Fugitive	Exhaust	Total				
General Plan Buildout	1,487,583	221.93	505.37	2561.79	8.20	164.04	5.00	169.04	65.09	4.71	69.80	932466.47	62.54	48.32	948206.75
Proposed Project	1,724,540	257.28	585.87	2969.85	9.51	190.17	5.80	195.97	75.45	5.46	80.91	1080998.99	72.51	56.01	1099246.54
Very Low B	1,277,034	190.52	433.84	2199.20	7.04	140.82	4.29	145.12	55.87	4.04	59.92	800487.36	53.69	41.48	813999.80
Very Low A	1,602,905	239.13	544.55	2760.38	8.84	176.76	5.39	182.15	70.13	5.08	75.21	1004754.13	67.39	52.06	1021714.65
Low	1,618,822	241.51	549.95	2787.79	8.93	178.51	5.44	183.96	70.83	5.13	75.95	1014731.44	68.06	52.58	1031860.37
Moderate	1,718,623	256.40	583.86	2959.66	9.48	189.52	5.78	195.30	75.19	5.44	80.64	1077290.02	72.26	55.82	1095474.96
High	1,983,602	295.93	673.88	3415.99	10.94	218.74	6.67	225.41	86.79	6.28	93.07	1243387.67	83.40	64.43	1264376.38

Conversion

347 days per year

https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000_2014/ghg_inventory_00-14_technical_support_document.pdf

Emissions Summary

No Industrial - Unmitigated

*CalEEMod, Version 2016.3.2

No Industrial										
Summer	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	0.04	0.32	0.27	0.00		0.02	0.02		0.02	0.02
Architectural Coating	0.29					0.00	0.00		0.00	0.00
Consumer Products	2.48					0.00	0.00		0.00	0.00
Landscaping	0.00	0.00	0.01	0.00		0.00	0.00		0.00	0.00
Total	2.81	0.32	0.28	0.00	0.00	0.02	0.02	0.00	0.02	0.02
Winter	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	0.04	0.32	0.27	0.00		0.02	0.02		0.02	0.02
Architectural Coating	0.29					0.00	0.00		0.00	0.00
Consumer Products	2.48					0.00	0.00		0.00	0.00
Landscaping	0.00	0.00	0.01	0.00		0.00	0.00		0.00	0.00
Total	2.81	0.32	0.28	0.00	0.00	0.02	0.02	0.00	0.02	0.02
Maximum	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	0	0	0	0	0	0	0	0	0	0
Architectural Coating	0	0	0	0	0	0	0	0	0	0
Consumer Products	2	0	0	0	0	0	0	0	0	0
Landscaping	0	0	0	0	0	0	0	0	0	0
Total	3	0	0	0	0	0	0	0	0	0

Proposed Project Village Focus - Unmitigated

*CalEEMod, Version 2016.3.2

Existing Conditions										
Summer	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

Existing Conditions + Proposed Project										
Existing Conditions										
Summer	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

Proposed Project

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.56	31.47	20.45	0.19		2.46	2.46		2.46	2.46
Architectural Coating	36.91					0.00	0.00		0.00	0.00
Consumer Products	253.22					0.00	0.00		0.00	0.00
Hearth	9301.74	181.65	11481.99	20.80		1609.88	1609.88		1609.88	1609.88
Landscaping	14.97	5.77	499.66	0.03		2.78	2.78		2.78	2.78
Total	9,610.41	218.89	12,002.09	21.02	0.00	1,615.13	1,615.13	0.00	1,615.13	1,615.13
Winter										
Natural Gas Usage	3.56	31.47	20.45	0.19		2.46	2.46		2.46	2.46
Architectural Coating	36.91					0.00	0.00		0.00	0.00
Consumer Products	253.22					0.00	0.00		0.00	0.00
Hearth	9301.74	181.65	11481.99	20.80		1609.88	1609.88		1609.88	1609.88
Landscaping	14.97	5.77	499.66	0.03		2.78	2.78		2.78	2.78
Total	9,610.41	218.89	12,002.09	21.02	0.00	1,615.13	1,615.13	0.00	1,615.13	1,615.13
Maximum										
Natural Gas Usage	4	31	20	0	0	2	2	0	2	2
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	253	0	0	0	0	0	0	0	0	0
Hearth	9,302	182	11,482	21	0	1,610	1,610	0	1,610	1,610
Landscaping	15	6	500	0	0	3	3	0	3	3
Mobile	257	586	2,970	10	190	6	196	75	5	81
Total	9,868	805	14,972	31	190	1,621	1,811	75	1,621	1,696

Existing Conditions + Proposed Project

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	9	76	42	0	0	6	6	0	6	6
Architectural Coating	74	0	0	0	0	0	0	0	0	0
Consumer Products	488	0	0	0	0	0	0	0	0	0
Hearth	19,347	378	23,882	43	0	3,348	3,348	0	3,348	3,348
Landscaping	32	12	1,043	0	0	6	6	0	6	6
Mobile	257	586	2,970	10	190	6	196	75	5	81
Total	20,207	1,052	27,937	53	190	3,366	3,556	75	3,366	3,441

Net Emissions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Maximum										
Natural Gas Usage	4	31	20	0	0	2	2	0	2	2
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	253	0	0	0	0	0	0	0	0	0
Hearth	9,302	182	11,482	21	0	1,610	1,610	0	1,610	1,610
Landscaping	15	6	500	0	0	3	3	0	3	3
Mobile	-104	-87	59	2	87	-5	82	35	-5	30
Total	9,506	132	12,061	23	87	1,610	1,697	35	1,610	1,645
Regional Thresholds	75	250	550	250	NA	NA	100	NA	NA	55
Exceeds Thresholds?	Yes	No	Yes	No	No	No	Yes	No	No	Yes

Proposed Project Village Focus - Unmitigated

*CalEEMod, Version 2016.3.2

Existing Conditions + General Plan

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

General Plan

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.05	27.11	18.59	0.17		2.11	2.11		2.11	2.11
Architectural Coating	28.96					0.00	0.00		0.00	0.00
Consumer Products	203.61					0.00	0.00		0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91		1076.70	1076.70		1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02		1.86	1.86		1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Winter										
Natural Gas Usage	3.05	27.11	18.59	0.17		2.11	2.11		2.11	2.11
Architectural Coating	28.96					0.00	0.00		0.00	0.00
Consumer Products	203.61					0.00	0.00		0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91		1076.70	1076.70		1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02		1.86	1.86		1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Maximum										
Natural Gas Usage	3	27	19	0	0	2	2	0	2	2
Architectural Coating	29	0	0	0	0	0	0	0	0	0
Consumer Products	204	0	0	0	0	0	0	0	0	0
Hearth	6,221	121	7,679	14	0	1,077	1,077	0	1,077	1,077
Landscaping	10	4	334	0	0	2	2	0	2	2
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	6,689	658	10,594	22	164	1,086	1,250	65	1,085	1,150

Existing Conditions + General Plan

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	8	72	40	0	0	6	6	0	6	6
Architectural Coating	66	0	0	0	0	0	0	0	0	0
Consumer Products	439	0	0	0	0	0	0	0	0	0
Hearth	16,267	318	20,079	36	0	2,815	2,815	0	2,815	2,815
Landscaping	27	10	878	0	0	5	5	0	5	5
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	17,028	905	23,559	45	164	2,831	2,995	65	2,831	2,896

Existing Conditions + Proposed Project

Existing Conditions	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

Proposed Project

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.56	31.47	20.45	0.19	0.00	2.46	2.46	0.00	2.46	2.46
Architectural Coating	36.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	253.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	9301.74	181.65	11481.99	20.80	0.00	1609.88	1609.88	0.00	1609.88	1609.88
Landscaping	14.97	5.77	499.66	0.03	0.00	2.78	2.78	0.00	2.78	2.78
Total	9,610.41	218.89	12,002.09	21.02	0.00	1,615.13	1,615.13	0.00	1,615.13	1,615.13
Winter										
Natural Gas Usage	3.56	31.47	20.45	0.19	0.00	2.46	2.46	0.00	2.46	2.46
Architectural Coating	36.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	253.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	9301.74	181.65	11481.99	20.80	0.00	1609.88	1609.88	0.00	1609.88	1609.88
Landscaping	14.97	5.77	499.66	0.03	0.00	2.78	2.78	0.00	2.78	2.78
Total	9,610.41	218.89	12,002.09	21.02	0.00	1,615.13	1,615.13	0.00	1,615.13	1,615.13
Maximum										
Natural Gas Usage	4	31	20	0	0	2	2	0	2	2
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	253	0	0	0	0	0	0	0	0	0
Hearth	9,302	182	11,482	21	0	1,610	1,610	0	1,610	1,610
Landscaping	15	6	500	0	0	3	3	0	3	3
Mobile	257	586	2,970	10	190	6	196	75	5	81
Total	9,868	805	14,972	31	190	1,621	1,811	75	1,621	1,696

Existing Conditions + Proposed Project

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Total										
Natural Gas Usage	9	76	42	0	0	6	6	0	6	6
Architectural Coating	74	0	0	0	0	0	0	0	0	0
Consumer Products	488	0	0	0	0	0	0	0	0	0
Hearth	19,347	378	23,882	43	0	3,348	3,348	0	3,348	3,348
Landscaping	32	12	1,043	0	0	6	6	0	6	6
Mobile	257	586	2,970	10	190	6	196	75	5	81
Total	20,207	1,052	27,937	53	190	3,366	3,556	75	3,366	3,441

Net Emissions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Maximum										
Natural Gas Usage	1	4	2	0	0	0	0	0	0	0
Architectural Coating	8	0	0	0	0	0	0	0	0	0
Consumer Products	50	0	0	0	0	0	0	0	0	0
Hearth	3,081	60	3,803	7	0	533	533	0	533	533
Landscaping	5	2	165	0	0	1	1	0	1	1
Mobile	35	81	408	1	26	1	27	10	1	11
Total	3,179	147	4,378	8	26	535	561	10	535	546
Regional Thresholds	75	250	550	250	NA	NA	100	NA	NA	55
Exceeds Thresholds?	Yes	No	Yes	No	No	No	Yes	No	No	Yes

Proposed Project Village Focus - Mitigation - All NG Hearths for Future Units.

*CalEEMod, Version 2016.3.2

Existing Conditions + General Plan

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

General Plan

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.05	27.11	18.59	0.17	0.00	2.11	2.11	0.00	2.11	2.11
Architectural Coating	28.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	203.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91	0.00	1076.70	1076.70	0.00	1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02	0.00	1.86	1.86	0.00	1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Winter										
Natural Gas Usage	3.05	27.11	18.59	0.17	0.00	2.11	2.11	0.00	2.11	2.11
Architectural Coating	28.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	203.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91	0.00	1076.70	1076.70	0.00	1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02	0.00	1.86	1.86	0.00	1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Maximum										
Natural Gas Usage	3	27	19	0	0	2	2	0	2	2
Architectural Coating	29	0	0	0	0	0	0	0	0	0
Consumer Products	204	0	0	0	0	0	0	0	0	0
Hearth	6,221	121	7,679	14	0	1,077	1,077	0	1,077	1,077
Landscaping	10	4	334	0	0	2	2	0	2	2
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	6,689	658	10,594	22	164	1,086	1,250	65	1,085	1,150

Existing Conditions + General Plan

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Total										
Natural Gas Usage	8	72	40	0	0	6	6	0	6	6
Architectural Coating	66	0	0	0	0	0	0	0	0	0
Consumer Products	439	0	0	0	0	0	0	0	0	0
Hearth	16,267	318	20,079	36	0	2,815	2,815	0	2,815	2,815
Landscaping	27	10	878	0	0	5	5	0	5	5
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	17,028	905	23,559	45	164	2,831	2,995	65	2,831	2,896

Existing Conditions + Proposed Project

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

Proposed Project

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.56	31.47	20.45	0.19	0.00	2.46	2.46	0.00	2.46	2.46
Architectural Coating	36.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	253.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	161.68	113.12	1410.44	5.06		231.13	231.13		231.13	231.13
Landscaping	14.97	5.77	499.66	0.03	0.00	2.78	2.78	0.00	2.78	2.78
Total	470.34	150.36	1,930.55	5.28	0.00	236.37	236.37	0.00	236.37	236.37
Winter										
Natural Gas Usage	3.56	31.47	20.45	0.19	0.00	2.46	2.46	0.00	2.46	2.46
Architectural Coating	36.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	253.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	161.68	113.12	1410.44	5.06		231.13	231.13		231.13	231.13
Landscaping	14.97	5.77	499.66	0.03	0.00	2.78	2.78	0.00	2.78	2.78
Total	470.34	150.36	1,930.55	5.28	0.00	236.37	236.37	0.00	236.37	236.37
Maximum										
Natural Gas Usage	4	31	20	0	0	2	2	0	2	2
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	253	0	0	0	0	0	0	0	0	0
Hearth	162	113	1,410	5	0	231	231	0	231	231
Landscaping	15	6	500	0	0	3	3	0	3	3
Mobile	257	586	2,970	10	190	6	196	75	5	81
Total	728	736	4,900	15	190	242	432	75	242	317

Existing Conditions + Proposed Project

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	9	76	42	0	0	6	6	0	6	6
Architectural Coating	74	0	0	0	0	0	0	0	0	0
Consumer Products	488	0	0	0	0	0	0	0	0	0
Hearth	10,207	309	13,811	28	0	1,970	1,970	0	1,970	1,970
Landscaping	32	12	1,043	0	0	6	6	0	6	6
Mobile	257	586	2,970	10	190	6	196	75	5	81
Total	11,067	984	17,865	38	190	1,987	2,178	75	1,987	2,062

Net Emissions

Maximum	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	1	4	2	0	0	0	0	0	0	0
Architectural Coating	8	0	0	0	0	0	0	0	0	0
Consumer Products	50	0	0	0	0	0	0	0	0	0
Hearth	-6,059	-8	-6,269	-9	0	-846	-846	0	-846	-846
Landscaping	5	2	165	0	0	1	1	0	1	1
Mobile	35	81	408	1	26	1	27	10	1	11
Total	-5,961	78	-5,694	-8	26	-844	-817	10	-844	-833
Regional Thresholds	75	250	550	250	NA	NA	100	NA	NA	55
Exceeds Thresholds?	No	No	No	No	No	No	No	No	No	No

GHG - No Industrial

Construction

	2030	MTCO₂e Total*	30-Year Amortization
	2021	280	
	2022	311	
	2023	375	
	2024	376	
	2025	373	
	2026	371	
	2027	369	
	2028	366	
	2029	490	
TOTAL		3,310	110

	2050	MTCO₂e Total*	30-Year Amortization
	2021	289	
	2022	288	
	2023	267	
	2024	247	
	2025	261	
	2026	371	
	2027	369	
	2028	366	
	2029	367	
	2030	389	
	2031	389	
	2032	389	
	2033	386	
	2034	385	
	2035	386	
	2036	388	
	2037	386	
	2038	386	
	2039	385	
	2040	385	
	2041	385	
	2042	385	
	2043	385	
	2044	385	
	2045	383	
	2046	384	
	2047	384	
	2048	619	
	2049	607	
TOTAL		10,993	366

Operation*
2030

	Source	Value	Unit	
	Area	0	MTCO ₂ e/Year	0%
	Energy	199	MTCO ₂ e/Year	42%
	Mobile	0	MTCO ₂ e/Year	0%
	Solid Waste	72	MTCO ₂ e/Year	15%
	Water	88	MTCO ₂ e/Year	19%
	Construction (Amortized 30-Years)	110	MTCO ₂ e/Year	24%
	Total	469	MTCO₂e/Year	100%

2050

	Source	Value	Unit	
	Area	0	MTCO ₂ e/Year	0%
	Energy	64	MTCO ₂ e/Year	12%
	Mobile	0	MTCO ₂ e/Year	0%
	Solid Waste	72	MTCO ₂ e/Year	13%
	Water	37	MTCO ₂ e/Year	7%
	Construction (Amortized 30-Years)	366	MTCO ₂ e/Year	68%
	Total	539	MTCO₂e/Year	100%

GHG Emissions Inventory

Construction

General Plan

	2030	MTCO ₂ e Total*	30-Year Amortization
	2021	244	
	2022	3,654	
	2023	6,754	
	2024	6,661	
	2025	6,493	
	2026	6,368	
	2027	6,257	
	2028	6,137	
	2029	6,184	
TOTAL		48,753	1,625

	2050	MTCO ₂ e Total*	30-Year Amortization
	2021	172	
	2022	168	
	2023	330	
	2024	489	
	2025	1,177	
	2026	6,368	
	2027	6,257	
	2028	6,137	
	2029	6,074	
	2030	6,014	
	2031	5,949	
	2032	5,917	
	2033	5,824	
	2034	5,785	
	2035	5,773	
	2036	5,795	
	2037	5,773	
	2038	5,773	
	2039	5,751	
	2040	5,681	
	2041	5,681	
	2042	5,681	
	2043	5,681	
	2044	5,681	
	2045	5,616	
	2046	5,637	
	2047	5,637	
	2048	6,057	
	2049	5,521	
TOTAL		142,401	4,747

Proposed Project

	2030	MTCO ₂ e Total*	30-Year Amortization
	2021	241	
	2022	4,540	
	2023	8,573	
	2024	8,445	
	2025	8,223	
	2026	8,056	
	2027	7,909	
	2028	7,750	
	2029	7,851	
TOTAL		61,588	2,053

	2050	MTCO ₂ e Total*	30-Year Amortization
	2021	172	
	2022	168	
	2023	330	
	2024	489	
	2025	1,376	
	2026	8,056	
	2027	7,909	
	2028	7,750	
	2029	7,665	
	2030	7,580	
	2031	7,493	
	2032	7,448	
	2033	7,328	
	2034	7,275	
	2035	7,258	
	2036	7,285	
	2037	7,258	
	2038	7,258	
	2039	7,230	
	2040	7,132	
	2041	7,132	
	2042	7,132	
	2043	7,132	
	2044	7,132	
	2045	7,048	
	2046	7,075	
	2047	7,075	
	2048	7,621	
	2049	6,951	
TOTAL		178,759	5,959

*CalEEMod, Version 2016.3.2.

GHG Emissions Inventory

Operation*

2030

Existing Conditions (2020)

	Source	Value	Unit	
	Area	10,021	MTCO ₂ e/Year**	6%
	Energy	22,376	MTCO ₂ e/Year	12%
	Mobile	142,661	MTCO ₂ e/Year	78%
	Solid Waste	3,535	MTCO ₂ e/Year	2%
	Water	3,590	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	0	MTCO ₂ e/Year	0%
	Total	182,184	MTCO₂e/Year	100%

Existing Conditions (2020) + Proposed Project

Existing Conditions (2020)

	Source	Value	Unit	
	Area	10,021	MTCO ₂ e/Year**	6%
	Energy	22,376	MTCO ₂ e/Year	12%
	Mobile	142,661	MTCO ₂ e/Year	78%
	Solid Waste	3,535	MTCO ₂ e/Year	2%
	Water	3,590	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	0	MTCO ₂ e/Year	0%
	Total	182,184	MTCO₂e/Year	100%

Proposed Project

	Source	Value	Unit	
	Area	9,279	MTCO ₂ e/Year**	4%
	Energy	18,538	MTCO ₂ e/Year	8%
	Mobile	206,921	MTCO ₂ e/Year	84%
	Solid Waste	4,065	MTCO ₂ e/Year	2%
	Water	4,824	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	2,053	MTCO ₂ e/Year	1%
	Total	245,680	MTCO₂e/Year	100%

Existing Conditions (2020) + Proposed Project

	Source	Value	Unit	
	Area	19,300	MTCO ₂ e/Year**	7%
	Energy	40,915	MTCO ₂ e/Year	14%
	Mobile	206,921	MTCO ₂ e/Year	73%
	Solid Waste	7,601	MTCO ₂ e/Year	3%
	Water	8,414	MTCO ₂ e/Year	3%
	Construction (Amortized 30-Years)	2,053	MTCO ₂ e/Year	1%
	Total	285,203	MTCO₂e/Year	100%

Net Emissions

	Source	Value	Unit	
	Area	9,279	MTCO ₂ e/Year**	9%
	Energy	18,538	MTCO ₂ e/Year	18%
	Mobile	64,260	MTCO ₂ e/Year	62%
	Solid Waste	4,065	MTCO ₂ e/Year	4%
	Water	4,824	MTCO ₂ e/Year	5%
	Construction (Amortized 30-Years)	2,053	MTCO ₂ e/Year	2%
	Total	103,019	MTCO₂e/Year	100%

2050**Existing Conditions (2020)**

	Source	Value	Unit	
	Area	10,021	MTCO ₂ e/Year**	6%
	Energy	22,376	MTCO ₂ e/Year	12%
	Mobile	142,661	MTCO ₂ e/Year	78%
	Solid Waste	3,535	MTCO ₂ e/Year	2%
	Water	3,590	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	0	MTCO ₂ e/Year	0%
	Total	182,184	MTCO₂e/Year	100%

Existing Conditions (2020) + Proposed Project**Existing Conditions (2020)**

	Source	Value	Unit	
	Area	10,021	MTCO ₂ e/Year**	6%
	Energy	22,376	MTCO ₂ e/Year	12%
	Mobile	142,661	MTCO ₂ e/Year	78%
	Solid Waste	3,535	MTCO ₂ e/Year	2%
	Water	3,590	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	0	MTCO ₂ e/Year	0%
	Total	182,184	MTCO₂e/Year	100%

Proposed Project

	Source	Value	Unit	
	Area	9,279	MTCO ₂ e/Year**	4%
	Energy	6,474	MTCO ₂ e/Year	3%
	Mobile	190,719	MTCO ₂ e/Year	86%
	Solid Waste	4,065	MTCO ₂ e/Year	2%
	Water	4,875	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	5,959	MTCO ₂ e/Year	3%
	Total	221,371	MTCO₂e/Year	100%

Existing Conditions (2020) + Proposed Project

	Source	Value	Unit	
	Area	19,300	MTCO ₂ e/Year**	7%
	Energy	28,850	MTCO ₂ e/Year	11%
	Mobile	190,719	MTCO ₂ e/Year	73%
	Solid Waste	7,601	MTCO ₂ e/Year	3%
	Water	8,465	MTCO ₂ e/Year	3%
	Construction (Amortized 30-Years)	5,959	MTCO ₂ e/Year	2%
	Total	260,894	MTCO₂e/Year	100%

Net Emissions

	Source	Value	Unit	
	Area	9,279	MTCO ₂ e/Year**	12%
	Energy	6,474	MTCO ₂ e/Year	8%
	Mobile	48,059	MTCO ₂ e/Year	61%
	Solid Waste	4,065	MTCO ₂ e/Year	5%
	Water	4,875	MTCO ₂ e/Year	6%
	Construction (Amortized 30-Years)	5,959	MTCO ₂ e/Year	8%
	Total	78,711	MTCO₂e/Year	100%

*CalEEMod, Version 2016.3.2.

** MTCO₂e=metric tons of carbon dioxide equivalent.

GHG Emissions Inventory

Operation*

2030

Existing Conditions (2020) + General Plan

Existing Conditions (2020)

	Source	Value	Unit	
	Area	10,021	MTCO ₂ e/Year**	6%
	Energy	22,376	MTCO ₂ e/Year	12%
	Mobile	142,661	MTCO ₂ e/Year	78%
	Solid Waste	3,535	MTCO ₂ e/Year	2%
	Water	3,590	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	0	MTCO ₂ e/Year	0%
	Total	182,184	MTCO₂e/Year	100%

General Plan

	Source	Value	Unit	
	Area	6,206	MTCO ₂ e/Year**	3%
	Energy	16,184	MTCO ₂ e/Year	8%
	Mobile	178,489	MTCO ₂ e/Year	85%
	Solid Waste	3,463	MTCO ₂ e/Year	2%
	Water	4,259	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	1,625	MTCO ₂ e/Year	1%
	Total	210,226	MTCO₂e/Year	100%

Existing Conditions (2020) + General Plan

	Source	Value	Unit	
	Area	16,227	MTCO ₂ e/Year**	6%
	Energy	38,561	MTCO ₂ e/Year	15%
	Mobile	178,489	MTCO ₂ e/Year	71%
	Solid Waste	6,998	MTCO ₂ e/Year	3%
	Water	7,849	MTCO ₂ e/Year	3%
	Construction (Amortized 30-Years)	1,625	MTCO ₂ e/Year	1%
	Total	249,749	MTCO₂e/Year	100%

Existing Conditions (2020) + Proposed Project

Existing Conditions (2020)

	Source	Value	Unit	
	Area	10,021	MTCO ₂ e/Year**	6%
	Energy	22,376	MTCO ₂ e/Year	12%
	Mobile	142,661	MTCO ₂ e/Year	78%
	Solid Waste	3,535	MTCO ₂ e/Year	2%
	Water	3,590	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	0	MTCO ₂ e/Year	0%
	Total	182,184	MTCO₂e/Year	100%

Proposed Project

	Source	Value	Unit	
	Area	9,279	MTCO ₂ e/Year**	4%
	Energy	18,538	MTCO ₂ e/Year	8%
	Mobile	206,921	MTCO ₂ e/Year	84%
	Solid Waste	4,065	MTCO ₂ e/Year	2%
	Water	4,824	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	2,053	MTCO ₂ e/Year	1%
	Total	245,680	MTCO₂e/Year	100%

Existing Conditions (2020) + Proposed Project

	Source	Value	Unit	
	Area	19,300	MTCO ₂ e/Year**	7%
	Energy	40,915	MTCO ₂ e/Year	14%
	Mobile	206,921	MTCO ₂ e/Year	73%
	Solid Waste	7,601	MTCO ₂ e/Year	3%
	Water	8,414	MTCO ₂ e/Year	3%
	Construction (Amortized 30-Years)	2,053	MTCO ₂ e/Year	1%
	Total	285,203	MTCO₂e/Year	100%

Net Emissions

	Source	Value	Unit	
	Area	3,073	MTCO ₂ e/Year**	9%
	Energy	2,354	MTCO ₂ e/Year	7%
	Mobile	28,432	MTCO ₂ e/Year	80%
	Solid Waste	602	MTCO ₂ e/Year	2%
	Water	565	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	428	MTCO ₂ e/Year	1%
	Total	35,454	MTCO₂e/Year	100%

2050

Existing Conditions (2020) + General Plan

Existing Conditions (2020)

	Source	Value	Unit	
	Area	10,021	MTCO ₂ e/Year**	6%
	Energy	22,376	MTCO ₂ e/Year	12%
	Mobile	142,661	MTCO ₂ e/Year	78%
	Solid Waste	3,535	MTCO ₂ e/Year	2%
	Water	3,590	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	0	MTCO ₂ e/Year	0%
	Total	182,184	MTCO₂e/Year	100%

General Plan

	Source	Value	Unit	
	Area	6,206	MTCO ₂ e/Year**	3%
	Energy	5,547	MTCO ₂ e/Year	3%
	Mobile	164,514	MTCO ₂ e/Year	89%
	Solid Waste	3,463	MTCO ₂ e/Year	2%
	Water	1,356	MTCO ₂ e/Year	1%
	Construction (Amortized 30-Years)	4,747	MTCO ₂ e/Year	3%
	Total	185,832	MTCO₂e/Year	100%

Existing Conditions (2020) + General Plan

	Source	Value	Unit	
	Area	16,227	MTCO ₂ e/Year**	7%
	Energy	27,923	MTCO ₂ e/Year	12%
	Mobile	164,514	MTCO ₂ e/Year	73%
	Solid Waste	6,998	MTCO ₂ e/Year	3%
	Water	4,947	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	4,747	MTCO ₂ e/Year	2%
	Total	225,355	MTCO₂e/Year	100%

Existing Conditions (2020) + Proposed Project

Existing Conditions (2020)

	Source	Value	Unit	
	Area	10,021	MTCO ₂ e/Year**	6%
	Energy	22,376	MTCO ₂ e/Year	12%
	Mobile	142,661	MTCO ₂ e/Year	78%
	Solid Waste	3,535	MTCO ₂ e/Year	2%
	Water	3,590	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	0	MTCO ₂ e/Year	0%
	Total	182,184	MTCO₂e/Year	100%

Proposed Project

	Source	Value	Unit	
	Area	9,279	MTCO ₂ e/Year**	4%
	Energy	6,474	MTCO ₂ e/Year	3%
	Mobile	190,719	MTCO ₂ e/Year	86%
	Solid Waste	4,065	MTCO ₂ e/Year	2%
	Water	4,875	MTCO ₂ e/Year	2%
	Construction (Amortized 30-Years)	5,959	MTCO ₂ e/Year	3%
	Total	221,371	MTCO₂e/Year	100%

Existing Conditions (2020) + Proposed Project

	Source	Value	Unit	
	Area	19,300	MTCO ₂ e/Year**	7%
	Energy	28,850	MTCO ₂ e/Year	11%
	Mobile	190,719	MTCO ₂ e/Year	73%
	Solid Waste	7,601	MTCO ₂ e/Year	3%
	Water	8,465	MTCO ₂ e/Year	3%
	Construction (Amortized 30-Years)	5,959	MTCO ₂ e/Year	2%
	Total	260,894	MTCO₂e/Year	100%

Net Emissions

	Source	Value	Unit	
	Area	3,073	MTCO ₂ e/Year**	9%
	Energy	927	MTCO ₂ e/Year	3%
	Mobile	26,205	MTCO ₂ e/Year	74%
	Solid Waste	602	MTCO ₂ e/Year	2%
	Water	3,519	MTCO ₂ e/Year	10%
	Construction (Amortized 30-Years)	1,212	MTCO ₂ e/Year	3%
	Total	35,539	MTCO₂e/Year	100%

*CalEEMod, Version 2016.3.2.

** MTCO₂e=metric tons of carbon dioxide equivalent.

Alternative - Very Low A - Unmitigated

*CalEEMod, Version 2016.3.2

Existing Conditions + General Plan

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

General Plan

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.05	27.11	18.59	0.17	0.00	2.11	2.11	0.00	2.11	2.11
Architectural Coating	28.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	203.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91	0.00	1076.70	1076.70	0.00	1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02	0.00	1.86	1.86	0.00	1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Winter										
Natural Gas Usage	3.05	27.11	18.59	0.17	0.00	2.11	2.11	0.00	2.11	2.11
Architectural Coating	28.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	203.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91	0.00	1076.70	1076.70	0.00	1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02	0.00	1.86	1.86	0.00	1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Maximum										
Natural Gas Usage	3	27	19	0	0	2	2	0	2	2
Architectural Coating	29	0	0	0	0	0	0	0	0	0
Consumer Products	204	0	0	0	0	0	0	0	0	0
Hearth	6,221	121	7,679	14	0	1,077	1,077	0	1,077	1,077
Landscaping	10	4	334	0	0	2	2	0	2	2
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	6,689	658	10,594	22	164	1,086	1,250	65	1,085	1,150

Existing Conditions + General Plan

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	8.28	72.10	39.75	0.45	0.00	5.72	5.72	0.00	5.72	5.72
Architectural Coating	65.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	438.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	16,266.57	317.67	20,079.31	36.38	0.00	2,815.31	2,815.31	0.00	2,815.31	2,815.31
Landscaping	26.58	10.14	877.74	0.05	0.00	4.85	4.85	0.00	4.85	4.85
Mobile	221.93	505.37	2,561.79	8.20	164.04	5.00	169.04	65.09	4.71	69.80
Total	17,028	905	23,559	45	164	2,831	2,995	65	2,831	2,896

Existing Conditions + Alternative - Very Low (A)

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

Alternative - Very Low (A)

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	2.86	25.45	17.73	0.16		1.98	1.98		1.98	1.98
Architectural Coating	26.36					0.00	0.00		0.00	0.00
Consumer Products	186.83					0.00	0.00		0.00	0.00
Hearth	5631.85	109.98	6951.91	12.59		974.72	974.72		974.72	974.72
Landscaping	9.08	3.49	302.68	0.02		1.69	1.69		1.69	1.69
Total	5,856.98	138.93	7,272.32	12.77	0.00	978.39	978.39	0.00	978.39	978.39
Winter										
Natural Gas Usage	2.86	25.45	17.73	0.16		1.98	1.98		1.98	1.98
Architectural Coating	26.36					0.00	0.00		0.00	0.00
Consumer Products	186.83					0.00	0.00		0.00	0.00
Hearth	5631.85	109.98	6951.91	12.59		974.72	974.72		974.72	974.72
Landscaping	9.08	3.49	302.68	0.02		1.69	1.69		1.69	1.69
Total	5,856.98	138.93	7,272.32	12.77	0.00	978.39	978.39	0.00	978.39	978.39
Maximum										
Natural Gas Usage	3	25	18	0	0	2	2	0	2	2
Architectural Coating	26	0	0	0	0	0	0	0	0	0
Consumer Products	187	0	0	0	0	0	0	0	0	0
Hearth	5,632	110	6,952	13	0	975	975	0	975	975
Landscaping	9	3	303	0	0	2	2	0	2	2
Mobile	239	545	2,760	9	177	5	182	70	5	75
Total	6,096	683	10,033	22	177	984	1,161	70	983	1,054

Existing Conditions + Alternative - Very Low (A)

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Total										
Natural Gas Usage	8	70	39	0	0	6	6	0	6	6
Architectural Coating	63	0	0	0	0	0	0	0	0	0
Consumer Products	422	0	0	0	0	0	0	0	0	0
Hearth	15,677	306	19,352	35	0	2,713	2,713	0	2,713	2,713
Landscaping	26	10	846	0	0	5	5	0	5	5
Mobile	239	545	2,760	9	177	5	182	70	5	75
Total	16,436	931	22,997	44	177	2,729	2,906	70	2,729	2,799

Net Emissions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Maximum										
Natural Gas Usage	0	-2	-1	0	0	0	0	0	0	0
Architectural Coating	-3	0	0	0	0	0	0	0	0	0
Consumer Products	-17	0	0	0	0	0	0	0	0	0
Hearth	-589	-12	-727	-1	0	-102	-102	0	-102	-102
Landscaping	-1	0	-32	0	0	0	0	0	0	0
Mobile	17	39	199	1	13	0	13	5	0	5
Total	-593	26	-561	-1	13	-102	-89	5	-102	-97
Regional Thresholds	75	250	550	250	NA	NA	100	NA	NA	55
Exceeds Thresholds?	No	No	No	No	No	No	No	No	No	No

Alternative - Very Low B - Unmitigated

*CalEEMod, Version 2016.3.2

Existing Conditions + General Plan

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

General Plan

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.05	27.11	18.59	0.17	0.00	2.11	2.11	0.00	2.11	2.11
Architectural Coating	28.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	203.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91	0.00	1076.70	1076.70	0.00	1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02	0.00	1.86	1.86	0.00	1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Winter										
Natural Gas Usage	3.05	27.11	18.59	0.17	0.00	2.11	2.11	0.00	2.11	2.11
Architectural Coating	28.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	203.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91	0.00	1076.70	1076.70	0.00	1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02	0.00	1.86	1.86	0.00	1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Maximum										
Natural Gas Usage	3	27	19	0	0	2	2	0	2	2
Architectural Coating	29	0	0	0	0	0	0	0	0	0
Consumer Products	204	0	0	0	0	0	0	0	0	0
Hearth	6,221	121	7,679	14	0	1,077	1,077	0	1,077	1,077
Landscaping	10	4	334	0	0	2	2	0	2	2
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	6,689	658	10,594	22	164	1,086	1,250	65	1,085	1,150

Existing Conditions + General Plan

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	8	72	40	0	0	6	6	0	6	6
Architectural Coating	66	0	0	0	0	0	0	0	0	0
Consumer Products	439	0	0	0	0	0	0	0	0	0
Hearth	16,267	318	20,079	36	0	2,815	2,815	0	2,815	2,815
Landscaping	27	10	878	0	0	5	5	0	5	5
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	17,028	905	23,559	45	164	2,831	2,995	65	2,831	2,896

Existing Conditions + Alternative - Very Low (B)

Existing Conditions	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

Alternative - Very Low (B)

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	0.85	7.55	5.02	0.05		0.59	0.59		0.59	0.59
Architectural Coating	8.56					0.00	0.00		0.00	0.00
Consumer Products	59.31					0.00	0.00		0.00	0.00
Hearth	1484.48	28.99	1832.43	3.32		256.92	256.92		256.92	256.92
Landscaping	2.39	0.92	79.78	0.00		0.44	0.44		0.44	0.44
Total	1,555.60	37.46	1,917.23	3.37	0.00	257.96	257.96	0.00	257.96	257.96
Winter										
Natural Gas Usage	0.85	7.55	5.02	0.05		0.59	0.59		0.59	0.59
Architectural Coating	8.56					0.00	0.00		0.00	0.00
Consumer Products	59.31					0.00	0.00		0.00	0.00
Hearth	1484.48	28.99	1832.43	3.32		256.92	256.92		256.92	256.92
Landscaping	2.39	0.92	79.78	0.00		0.44	0.44		0.44	0.44
Total	1,555.60	37.46	1,917.23	3.37	0.00	257.96	257.96	0.00	257.96	257.96
Maximum										
Natural Gas Usage	1	8	5	0	0	1	1	0	1	1
Architectural Coating	9	0	0	0	0	0	0	0	0	0
Consumer Products	59	0	0	0	0	0	0	0	0	0
Hearth	1,484	29	1,832	3	0	257	257	0	257	257
Landscaping	2	1	80	0	0	0	0	0	0	0
Mobile	191	434	2,199	7	141	4	145	56	4	60
Total	1,746	471	4,116	10	141	262	403	56	262	318

Existing Conditions + Alternative - Very Low (B)

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	6	53	26	0	0	4	4	0	4	4
Architectural Coating	46	0	0	0	0	0	0	0	0	0
Consumer Products	294	0	0	0	0	0	0	0	0	0
Hearth	11,530	225	14,233	26	0	1,996	1,996	0	1,996	1,996
Landscaping	19	7	623	0	0	3	3	0	3	3
Mobile	191	434	2,199	7	141	4	145	56	4	60
Total	12,086	719	17,081	33	141	2,007	2,148	56	2,007	2,063

Net Emissions

Maximum	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	-2	-20	-14	0	0	-2	-2	0	-2	-2
Architectural Coating	-20	0	0	0	0	0	0	0	0	0
Consumer Products	-144	0	0	0	0	0	0	0	0	0
Hearth	-4,737	-92	-5,847	-11	0	-820	-820	0	-820	-820
Landscaping	-8	-3	-255	0	0	-1	-1	0	-1	-1
Mobile	-31	-72	-363	-1	-23	-1	-24	-9	-1	-10
Total	-4,943	-187	-6,477	-12	-23	-823	-847	-9	-823	-833
Regional Thresholds	75	250	550	250	NA	NA	100	NA	NA	55
Exceeds Thresholds?	No	No	No	No	No	No	No	No	No	No

Alternative - Low - Unmitigated

*CalEEMod, Version 2016.3.2

Existing Conditions + General Plan

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

General Plan

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.05	27.11	18.59	0.17	0.00	2.11	2.11	0.00	2.11	2.11
Architectural Coating	28.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	203.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91	0.00	1076.70	1076.70	0.00	1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02	0.00	1.86	1.86	0.00	1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Winter										
Natural Gas Usage	3.05	27.11	18.59	0.17	0.00	2.11	2.11	0.00	2.11	2.11
Architectural Coating	28.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	203.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91	0.00	1076.70	1076.70	0.00	1076.70	1076.70
Landscaping	10.02	3.86	334.31	0.02	0.00	1.86	1.86	0.00	1.86	1.86
Total	6,466.71	152.46	8,032.12	14.10	0.00	1,080.67	1,080.67	0.00	1,080.67	1,080.67
Maximum										
Natural Gas Usage	3	27	19	0	0	2	2	0	2	2
Architectural Coating	29	0	0	0	0	0	0	0	0	0
Consumer Products	204	0	0	0	0	0	0	0	0	0
Hearth	6,221	121	7,679	14	0	1,077	1,077	0	1,077	1,077
Landscaping	10	4	334	0	0	2	2	0	2	2
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	6,689	658	10,594	22	164	1,086	1,250	65	1,085	1,150

Existing Conditions + General Plan

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	8	72	40	0	0	6	6	0	6	6
Architectural Coating	66	0	0	0	0	0	0	0	0	0
Consumer Products	439	0	0	0	0	0	0	0	0	0
Hearth	16,267	318	20,079	36	0	2,815	2,815	0	2,815	2,815
Landscaping	27	10	878	0	0	5	5	0	5	5
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	17,028	905	23,559	45	164	2,831	2,995	65	2,831	2,896

Existing Conditions + Alternative - Low

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

Alternative - Low

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.06	27.22	18.72	0.17		2.12	2.12		2.12	2.12
Architectural Coating	28.90					0.00	0.00		0.00	0.00
Consumer Products	203.53					0.00	0.00		0.00	0.00
Hearth	6173.61	120.56	7620.66	13.81		1068.49	1068.49		1068.49	1068.49
Landscaping	9.95	3.83	331.77	0.02		1.85	1.85		1.85	1.85
Total	6,419.06	151.61	7,971.15	13.99	0.00	1,072.45	1,072.45	0.00	1,072.45	1,072.45
Winter										
Natural Gas Usage	3.06	27.22	18.72	0.17		2.12	2.12		2.12	2.12
Architectural Coating	28.90					0.00	0.00		0.00	0.00
Consumer Products	203.53					0.00	0.00		0.00	0.00
Hearth	6173.61	120.56	7620.66	13.81		1068.49	1068.49		1068.49	1068.49
Landscaping	9.95	3.83	331.77	0.02		1.85	1.85		1.85	1.85
Total	6,419.06	151.61	7,971.15	13.99	0.00	1,072.45	1,072.45	0.00	1,072.45	1,072.45
Maximum										
Natural Gas Usage	3	27	19	0	0	2	2	0	2	2
Architectural Coating	29	0	0	0	0	0	0	0	0	0
Consumer Products	204	0	0	0	0	0	0	0	0	0
Hearth	6,174	121	7,621	14	0	1,068	1,068	0	1,068	1,068
Landscaping	10	4	332	0	0	2	2	0	2	2
Mobile	242	550	2,788	9	179	5	184	71	5	76
Total	6,661	702	10,759	23	179	1,078	1,256	71	1,078	1,148

Existing Conditions + Alternative - Low

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	8	72	40	0	0	6	6	0	6	6
Architectural Coating	66	0	0	0	0	0	0	0	0	0
Consumer Products	439	0	0	0	0	0	0	0	0	0
Hearth	16,219	317	20,021	36	0	2,807	2,807	0	2,807	2,807
Landscaping	27	10	875	0	0	5	5	0	5	5
Mobile	242	550	2,788	9	179	5	184	71	5	76
Total	17,000	949	23,724	46	179	2,823	3,002	71	2,823	2,894

Net Emissions

Maximum	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	0	0	0	0	0	0	0	0	0	0
Architectural Coating	0	0	0	0	0	0	0	0	0	0
Consumer Products	0	0	0	0	0	0	0	0	0	0
Hearth	-47	-1	-59	0	0	-8	-8	0	-8	-8
Landscaping	0	0	-3	0	0	0	0	0	0	0
Mobile	20	45	226	1	14	0	15	6	0	6
Total	-28	44	165	1	14	-8	7	6	-8	-2
Regional Thresholds	75	250	550	250	NA	NA	100	NA	NA	55
Exceeds Thresholds?	No	No	No	No	No	No	No	No	No	No

Alternative - Moderate - Unmitigated

*CalEEMod, Version 2016.3.2

Existing Conditions + General Plan

Existing Conditions	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

General Plan

General Plan	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.09	27.43	18.86	0.17		2.13	2.13		2.13	2.13
Architectural Coating	29.26					0.00	0.00		0.00	0.00
Consumer Products	206.09					0.00	0.00		0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91		1076.70	1076.70		1076.70	1076.70
Landscaping	10.03	3.86	334.32	0.02		1.86	1.86		1.86	1.86
Total	6,469.52	152.78	8,032.40	14.10	0.00	1,080.69	1,080.69	0.00	1,080.69	1,080.69
Winter										
Natural Gas Usage	3.09	27.43	18.86	0.17		2.13	2.13		2.13	2.13
Architectural Coating	29.26					0.00	0.00		0.00	0.00
Consumer Products	206.09					0.00	0.00		0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91		1076.70	1076.70		1076.70	1076.70
Landscaping	10.03	3.86	334.32	0.02		1.86	1.86		1.86	1.86
Total	6,469.52	152.78	8,032.40	14.10	0.00	1,080.69	1,080.69	0.00	1,080.69	1,080.69
Maximum										
Natural Gas Usage	3	27	19	0	0	2	2	0	2	2
Architectural Coating	29	0	0	0	0	0	0	0	0	0
Consumer Products	206	0	0	0	0	0	0	0	0	0
Hearth	6,221	121	7,679	14	0	1,077	1,077	0	1,077	1,077
Landscaping	10	4	334	0	0	2	2	0	2	2
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	6,691	658	10,594	22	164	1,086	1,250	65	1,085	1,150

Existing Conditions + General Plan

Existing Conditions + General Plan	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Total										
Natural Gas Usage	8	72	40	0	0	6	6	0	6	6
Architectural Coating	66	0	0	0	0	0	0	0	0	0
Consumer Products	441	0	0	0	0	0	0	0	0	0
Hearth	16,267	318	20,079	36	0	2,815	2,815	0	2,815	2,815
Landscaping	27	10	878	0	0	5	5	0	5	5
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	17,031	906	23,559	45	164	2,831	2,995	65	2,831	2,896

Existing Conditions + Alternative - Moderate

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

Alternative - Moderate

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.55	31.39	20.50	0.19		2.45	2.45		2.45	2.45
Architectural Coating	36.55					0.00	0.00		0.00	0.00
Consumer Products	251.28					0.00	0.00		0.00	0.00
Hearth	8709.48	170.09	10750.90	19.48		1507.38	1507.38		1507.38	1507.38
Landscaping	14.02	5.40	467.88	0.02		2.61	2.61		2.61	2.61
Total	9,014.89	206.88	11,239.28	19.70	0.00	1,512.44	1,512.44	0.00	1,512.44	1,512.44
Winter										
Natural Gas Usage	3.55	31.39	20.50	0.19		2.45	2.45		2.45	2.45
Architectural Coating	36.55					0.00	0.00		0.00	0.00
Consumer Products	251.28					0.00	0.00		0.00	0.00
Hearth	8709.48	170.09	10750.90	19.48		1507.38	1507.38		1507.38	1507.38
Landscaping	14.02	5.40	467.88	0.02		2.61	2.61		2.61	2.61
Total	9,014.89	206.88	11,239.28	19.70	0.00	1,512.44	1,512.44	0.00	1,512.44	1,512.44
Maximum										
Natural Gas Usage	4	31	20	0	0	2	2	0	2	2
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	251	0	0	0	0	0	0	0	0	0
Hearth	8,709	170	10,751	19	0	1,507	1,507	0	1,507	1,507
Landscaping	14	5	468	0	0	3	3	0	3	3
Mobile	256	584	2,960	9	190	6	195	75	5	81
Total	9,271	791	14,199	29	190	1,518	1,708	75	1,518	1,593

Existing Conditions + Alternative - Moderate

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	9	76	42	0	0	6	6	0	6	6
Architectural Coating	74	0	0	0	0	0	0	0	0	0
Consumer Products	486	0	0	0	0	0	0	0	0	0
Hearth	18,755	366	23,151	42	0	3,246	3,246	0	3,246	3,246
Landscaping	31	12	1,011	0	0	6	6	0	6	6
Mobile	256	584	2,960	9	190	6	195	75	5	81
Total	19,611	1,038	27,164	52	190	3,263	3,453	75	3,263	3,338

Net Emissions

Maximum	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	0	4	2	0	0	0	0	0	0	0
Architectural Coating	7	0	0	0	0	0	0	0	0	0
Consumer Products	45	0	0	0	0	0	0	0	0	0
Hearth	2,488	49	3,072	6	0	431	431	0	431	431
Landscaping	4	2	134	0	0	1	1	0	1	1
Mobile	34	78	398	1	25	1	26	10	1	11
Total	2,580	133	3,605	7	25	433	458	10	432	443
Regional Thresholds	75	250	550	250	NA	NA	100	NA	NA	55
Exceeds Thresholds?	Yes	No	Yes	No	No	No	Yes	No	No	Yes

Alternative - High - Unmitigated

*CalEEMod, Version 2016.3.2

Existing Conditions + General Plan

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

General Plan

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	3.09	27.43	18.86	0.17		2.13	2.13		2.13	2.13
Architectural Coating	29.26					0.00	0.00		0.00	0.00
Consumer Products	206.09					0.00	0.00		0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91		1076.70	1076.70		1076.70	1076.70
Landscaping	10.03	3.86	334.32	0.02		1.86	1.86		1.86	1.86
Total	6,469.52	152.78	8,032.40	14.10	0.00	1,080.69	1,080.69	0.00	1,080.69	1,080.69
Winter										
Natural Gas Usage	3.09	27.43	18.86	0.17		2.13	2.13		2.13	2.13
Architectural Coating	29.26					0.00	0.00		0.00	0.00
Consumer Products	206.09					0.00	0.00		0.00	0.00
Hearth	6221.06	121.49	7679.22	13.91		1076.70	1076.70		1076.70	1076.70
Landscaping	10.03	3.86	334.32	0.02		1.86	1.86		1.86	1.86
Total	6,469.52	152.78	8,032.40	14.10	0.00	1,080.69	1,080.69	0.00	1,080.69	1,080.69
Maximum										
Natural Gas Usage	3	27	19	0	0	2	2	0	2	2
Architectural Coating	29	0	0	0	0	0	0	0	0	0
Consumer Products	206	0	0	0	0	0	0	0	0	0
Hearth	6,221	121	7,679	14	0	1,077	1,077	0	1,077	1,077
Landscaping	10	4	334	0	0	2	2	0	2	2
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	6,691	658	10,594	22	164	1,086	1,250	65	1,085	1,150

Existing Conditions + General Plan

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	8	72	40	0	0	6	6	0	6	6
Architectural Coating	66	0	0	0	0	0	0	0	0	0
Consumer Products	441	0	0	0	0	0	0	0	0	0
Hearth	16,267	318	20,079	36	0	2,815	2,815	0	2,815	2,815
Landscaping	27	10	878	0	0	5	5	0	5	5
Mobile	222	505	2,562	8	164	5	169	65	5	70
Total	17,031	906	23,559	45	164	2,831	2,995	65	2,831	2,896

Existing Conditions + Alternative - High

Existing Conditions

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Winter										
Natural Gas Usage	5.23	44.99	21.17	0.29		3.61	3.61		3.61	3.61
Architectural Coating	36.95					0.00	0.00		0.00	0.00
Consumer Products	235.18					0.00	0.00		0.00	0.00
Hearth	10045.51	196.18	12400.09	22.47		1738.61	1738.61		1738.61	1738.61
Landscaping	16.55	6.29	543.42	0.03		2.99	2.99		2.99	2.99
Total	10,339.43	247.46	12,964.68	22.78	0.00	1,745.21	1,745.21	0.00	1,745.21	1,745.21
Maximum										
Natural Gas Usage	5	45	21	0	0	4	4	0	4	4
Architectural Coating	37	0	0	0	0	0	0	0	0	0
Consumer Products	235	0	0	0	0	0	0	0	0	0
Hearth	10,046	196	12,400	22	0	1,739	1,739	0	1,739	1,739
Landscaping	17	6	543	0	0	3	3	0	3	3
Mobile	362	673	2,911	8	103	11	114	41	10	51
Total	10,701	920	15,876	31	103	1,756	1,859	41	1,756	1,797

Alternative - High

	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer										
Natural Gas Usage	5.01	43.76	25.42	0.27		3.46	3.46		3.46	3.46
Architectural Coating	60.16					0.00	0.00		0.00	0.00
Consumer Products	397.48					0.00	0.00		0.00	0.00
Hearth	17596.48	343.64	21720.94	39.35		3045.48	3045.48		3045.48	3045.48
Landscaping	28.34	10.91	946.50	0.05		5.26	5.26		5.26	5.26
Total	18,087.46	398.31	22,692.86	39.68	0.00	3,054.20	3,054.20	0.00	3,054.20	3,054.20
Winter										
Natural Gas Usage	5.01	43.76	25.42	0.27		3.46	3.46		3.46	3.46
Architectural Coating	60.16					0.00	0.00		0.00	0.00
Consumer Products	397.48					0.00	0.00		0.00	0.00
Hearth	17596.48	343.64	21720.94	39.35		3045.48	3045.48		3045.48	3045.48
Landscaping	28.34	10.91	946.50	0.05		5.26	5.26		5.26	5.26
Total	18,087.46	398.31	22,692.86	39.68	0.00	3,054.20	3,054.20	0.00	3,054.20	3,054.20
Maximum										
Natural Gas Usage	5	44	25	0	0	3	3	0	3	3
Architectural Coating	60	0	0	0	0	0	0	0	0	0
Consumer Products	397	0	0	0	0	0	0	0	0	0
Hearth	17,596	344	21,721	39	0	3,045	3,045	0	3,045	3,045
Landscaping	28	11	946	0	0	5	5	0	5	5
Mobile	296	674	3,416	11	219	7	225	87	6	93
Total	18,383	1,072	26,109	51	219	3,061	3,280	87	3,060	3,147

Existing Conditions + Alternative - High

Total	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	10	89	47	1	0	7	7	0	7	7
Architectural Coating	97	0	0	0	0	0	0	0	0	0
Consumer Products	633	0	0	0	0	0	0	0	0	0
Hearth	27,642	540	34,121	62	0	4,784	4,784	0	4,784	4,784
Landscaping	45	17	1,490	0	0	8	8	0	8	8
Mobile	296	674	3,416	11	219	7	225	87	6	93
Total	28,723	1,320	39,074	73	219	4,806	5,025	87	4,806	4,892

Net Emissions

Maximum	lbs/day				lbs/day			lbs/day		
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Natural Gas Usage	2	16	7	0	0	1	1	0	1	1
Architectural Coating	31	0	0	0	0	0	0	0	0	0
Consumer Products	191	0	0	0	0	0	0	0	0	0
Hearth	11,375	222	14,042	25	0	1,969	1,969	0	1,969	1,969
Landscaping	18	7	612	0	0	3	3	0	3	3
Mobile	74	169	854	3	55	2	56	22	2	23
Total	11,692	414	15,515	28	55	1,975	2,030	22	1,975	1,997
Regional Thresholds	75	250	550	250	NA	NA	100	NA	NA	55
Exceeds Thresholds?	Yes	Yes	Yes	No	No	No	Yes	No	No	Yes

Alternatives GHG Emissions Summary

GHG Source	Total Emissions (MTCO2e)
	Existing Conditions
Area	10,021
Energy	22,376
Mobile	142,661
Solid Waste	3,535
Water	3,590
Total	182,184

GHG Source	2030 Total Emissions (MTCO2e)		Net Emissions (Alt - GP) (MTCO2e)	Net Emissions (Alt - Ext) (MTCO2e)
	Existing Conditions + General Plan	Existing Conditions + Very Low A		
Area	16,227	15,639	-588	5,618
Energy	38,561	37,605	-955	15,229
Mobile	178,489	192,326	13,837	49,666
Solid Waste	6,998	6,729	-270	3,193
Water	7,849	7,672	-177	4,082
Total	248,124	259,971	11,848	77,788

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)	
	Existing Conditions + General Plan	Existing Conditions + Very Low B		
Area	16,227	11,502	-4,725	1,481
Energy	38,561	26,892	-11,669	4,516
Mobile	178,489	153,226	-25,263	10,566
Solid Waste	6,998	4,588	-2,411	1,052
Water	7,849	4,663	-3,187	1,072
Total	248,124	200,870	-47,254	18,687

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)	
	Existing Conditions + General Plan	Existing Conditions + Low		
Area	16,227	16,179	-47	6,158
Energy	38,561	38,638	77	16,261
Mobile	178,489	194,236	15,747	51,575
Solid Waste	6,998	7,004	6	3,469
Water	7,849	7,880	31	4,290
Total	248,124	263,937	15,813	81,753

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)	
	Existing Conditions + General Plan	Existing Conditions + Moderate		
Area	16,227	18,709	2,482	8,688
Energy	38,561	40,922	2,362	18,546
Mobile	178,489	206,211	27,722	63,550
Solid Waste	6,998	7,645	647	4,109
Water	7,849	8,344	494	4,753
Total	248,124	281,830	33,706	99,647

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)	
	Existing Conditions + General Plan	Existing Conditions + High		
Area	16,227	27,574	11,347	17,553
Energy	38,561	47,558	8,997	25,182
Mobile	178,489	238,004	59,515	95,344
Solid Waste	6,998	9,443	2,445	5,908
Water	7,849	9,817	1,968	6,227
Total	248,124	332,397	84,273	150,213

GHG Source	2050		Net Emissions (MTCO2e)	Net Emissions (Alt - Ext) (MTCO2e)
	Total Emissions (MTCO2e)			
	Existing Conditions + General Plan	Existing Conditions + Very Low A		
Area	16,227	15,639	-588	5,618
Energy	27,923	27,575	-348	5,199
Mobile	164,514	177,267	12,754	34,607
Solid Waste	6,998	6,729	-270	3,193
Water	4,947	4,890	-56	1,300
Total	220,609	232,101	11,492	49,917

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)	Net Emissions (Alt - Ext) (MTCO2e)
	Existing Conditions + General Plan	Existing Conditions + Very Low B		
	Area	16,227		
Energy	27,923	23,925	-3,998	1,548
Mobile	164,514	141,229	-23,285	-1,432
Solid Waste	6,998	4,588	-2,411	1,052
Water	4,947	3,932	-1,015	341
Total	220,609	185,175	-35,433	2,992

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)	Net Emissions (Alt - Ext) (MTCO2e)
	Existing Conditions + General Plan	Existing Conditions + Low		
	Area	16,227		
Energy	27,923	27,944	21	5,568
Mobile	164,514	179,028	14,514	36,367
Solid Waste	6,998	7,004	6	3,469
Water	4,947	4,956	10	1,366
Total	220,609	235,112	14,503	52,928

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)	Net Emissions (Alt - Ext) (MTCO2e)
	Existing Conditions + General Plan	Existing Conditions + Moderate		
	Area	16,227		
Energy	27,923	28,831	908	6,454
Mobile	164,514	190,065	25,551	47,404
Solid Waste	6,998	7,645	647	4,109
Water	4,947	5,103	157	1,513
Total	220,609	250,353	29,744	68,169

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)	Net Emissions (Alt - Ext) (MTCO2e)
	Existing Conditions + General Plan	Existing Conditions + High		
	Area	16,227		
Energy	27,923	31,470	3,547	9,094
Mobile	164,514	219,369	54,855	76,709
Solid Waste	6,998	9,443	2,445	5,908
Water	4,947	5,570	623	1,980
Total	220,609	293,427	72,819	111,244

Alternatives GHG Emissions Summary

GHG Source	Total Emissions (MTCO2e)
Existing Conditions	
Area	10,021
Energy	22,376
Mobile	142,661
Solid Waste	3,535
Water	3,590
Total	182,184

2030			
GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)
	Existing Conditions + Proposed Project	Existing Conditions + Very Low A	
Area	19,300	15,639	-3,661
Energy	40,915	37,605	-3,309
Mobile	206,921	192,326	-14,594
Solid Waste	7,601	6,729	-872
Water	8,414	7,672	-742
Total	283,150	259,971	-23,178

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)
	Existing Conditions + Proposed Project	Existing Conditions + Very Low B	
Area	19,300	11,501.68	-7,798
Energy	40,915	26,892.07	-14,023
Mobile	206,921	153,226.11	-53,694
Solid Waste	7,601	4,587.84	-3,013
Water	8,414	4,662.60	-3,751
Total	283,150	200,870	-82,279

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)
	Existing Conditions + Proposed Project	Existing Conditions + Low	
Area	19,300	16,179	-3,120
Energy	40,915	38,638	-2,277
Mobile	206,921	194,236	-12,685
Solid Waste	7,601	7,004	-596
Water	8,414	7,880	-534
Total	283,150	263,937	-19,213

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)
	Existing Conditions + Proposed Project	Existing Conditions + Moderate	
Area	19,300	18,709	-591
Energy	40,915	40,922	8
Mobile	206,921	206,211	-710
Solid Waste	7,601	7,645	44
Water	8,414	8,344	-70
Total	283,150	281,830	-1,319

GHG Source	Total Emissions (MTCO2e)		Net Emissions (MTCO2e)
	Existing Conditions + Proposed Project	Existing Conditions + High	
Area	19,300	27,574.1	8,274
Energy	40,915	47,558.1	6,643
Mobile	206,921	238,004.3	31,084
Solid Waste	7,601	9,443.4	1,843
Water	8,414	9,817.0	1,403
Total	283,150	332,397	49,247

2050			
GHG Source	Total Emissions (MTCO2e)		
	Existing Conditions + Proposed Project	Existing Conditions + Very Low A	Net Emissions (MTCO2e)
Area	19,300	15,639	-3,661
Energy	28,850	27,575	-1,276
Mobile	190,719	177,267	-13,452
Solid Waste	7,601	6,729	-872
Water	8,465	4,890	-3,575
Total	254,936	232,101	-22,835

GHG Source	Total Emissions (MTCO2e)		
	Existing Conditions + Proposed Project	Existing Conditions + Very Low B	Net Emissions (MTCO2e)
Area	19,300	11,502	-7,798
Energy	28,850	23,925	-4,926
Mobile	190,719	141,229	-49,490
Solid Waste	7,601	4,588	-3,013
Water	8,465	3,932	-4,533
Total	254,936	185,175	-69,760

GHG Source	Total Emissions (MTCO2e)		
	Existing Conditions + Proposed Project	Existing Conditions + Low	Net Emissions (MTCO2e)
Area	19,300	16,179	-3,120
Energy	28,850	27,944	-906
Mobile	190,719	179,028	-11,692
Solid Waste	7,601	7,004	-596
Water	8,465	4,956	-3,509
Total	254,936	235,112	-19,824

GHG Source	Total Emissions (MTCO2e)		
	Existing Conditions + Proposed Project	Existing Conditions + Moderate	Net Emissions (MTCO2e)
Area	19,300	18,709	-591
Energy	28,850	28,831	-20
Mobile	190,719	190,065	-654
Solid Waste	7,601	7,645	44
Water	8,465	5,103	-3,362
Total	254,936	250,353	-4,583

GHG Source	Total Emissions (MTCO2e)		
	Existing Conditions + Proposed Project	Existing Conditions + High	Net Emissions (MTCO2e)
Area	19,300	27,574	8,274
Energy	28,850	31,470	2,620
Mobile	190,719	219,369	28,650
Solid Waste	7,601	9,443	1,843
Water	8,465	5,570	-2,895
Total	254,936	293,427	38,492

Alternatives AQ Emissions Summary

Maximum	Existing Conditions					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	5	45	21	0	4	4	
Architectural Coating	37	0	0	0	0	0	
Consumer Products	235	0	0	0	0	0	
Hearth	10,046	196	12,400	22	1,739	1,739	
Landscaping	17	6	543	0	3	3	
Mobile	362	673	2,911	8	114	51	
Total	10,701	920	15,876	31	1,859	1,797	

Maximum	Existing Conditions + General Plan					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	8	72	40	0	6	6	
Architectural Coating	66	0	0	0	0	0	
Consumer Products	439	0	0	0	0	0	
Hearth	16,267	318	20,079	36	2,815	2,815	
Landscaping	27	10	878	0	5	5	
Mobile	222	505	2,562	8	169	70	
Total	17,028	905	23,559	45	2,995	2,896	

Maximum	Existing Conditions + Very Low A (Alt 2)					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	8	70	39	0	6	6	
Architectural Coating	63	0	0	0	0	0	
Consumer Products	422	0	0	0	0	0	
Hearth	15,677	306	19,352	35	2,713	2,713	
Landscaping	26	10	846	0	5	5	
Mobile	239	545	2,760	9	182	75	
Total	16,436	931	22,997	44	2,906	2,799	

Maximum	Existing Conditions + Very Low B (Alt 1)					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	6	53	26	0	4	4	
Architectural Coating	46	0	0	0	0	0	
Consumer Products	294	0	0	0	0	0	
Hearth	11,530	225	14,233	26	1,996	1,996	
Landscaping	19	7	623	0	3	3	
Mobile	191	434	2,199	7	145	60	
Total	12,086	719	17,081	33	2,148	2,063	

Maximum	Existing Conditions + Low					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	8	72	40	0	6	6	
Architectural Coating	66	0	0	0	0	0	
Consumer Products	439	0	0	0	0	0	
Hearth	16,219	317	20,021	36	2,807	2,807	
Landscaping	27	10	875	0	5	5	
Mobile	242	550	2,788	9	184	76	
Total	17,000	949	23,724	46	3,002	2,894	

Maximum	Existing Conditions + Moderate					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	9	76	42	0	6	6	
Architectural Coating	74	0	0	0	0	0	
Consumer Products	486	0	0	0	0	0	
Hearth	18,755	366	23,151	42	3,246	3,246	
Landscaping	31	12	1,011	0	6	6	
Mobile	256	584	2,960	9	195	81	
Total	19,611	1,038	27,164	52	3,453	3,338	

Maximum	Existing Conditions + High					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	10	89	47	1	7	7	
Architectural Coating	97	0	0	0	0	0	
Consumer Products	633	0	0	0	0	0	
Hearth	27,642	540	34,121	62	4,784	4,784	
Landscaping	45	17	1,490	0	8	8	
Mobile	296	674	3,416	11	225	93	
Total	28,723	1,320	39,074	73	5,025	4,892	

Maximum	Net Change from Existing Conditions + General Plan					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	0	-2	-1	0	0	0	
Architectural Coating	-3	0	0	0	0	0	
Consumer Products	-17	0	0	0	0	0	
Hearth	-589	-12	-727	-1	-102	-102	
Landscaping	-1	0	-32	0	0	0	
Mobile	17	39	199	1	13	5	
Total	-593	26	-561	-1	-89	-97	
Total (from Ext)	5,734	11	7,122	14	1,047	1,002	

Maximum	Net Change from Existing Conditions + General Plan					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	-2	-20	-14	0	-2	-2	
Architectural Coating	-20	0	0	0	0	0	
Consumer Products	-144	0	0	0	0	0	
Hearth	-4,737	-92	-5,847	-11	-820	-820	
Landscaping	-8	-3	-255	0	-1	-1	
Mobile	-31	-72	-363	-1	-24	-10	
Total	-4,943	-187	-6,477	-12	-847	-833	
Total (from Ext)	1,384	-201	1,206	3	289	267	

Maximum	Net Change from Existing Conditions + General Plan					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	0	0	0	0	0	0	
Architectural Coating	0	0	0	0	0	0	
Consumer Products	0	0	0	0	0	0	
Hearth	-47	-1	-59	0	-8	-8	
Landscaping	0	0	-3	0	0	0	
Mobile	20	45	226	1	15	6	
Total	-28	44	165	1	7	-2	
Total (from Ext)	6,299	29	7,848	15	1,143	1,097	

Maximum	Net Change from Existing Conditions + General Plan					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	0	4	2	0	0	0	
Architectural Coating	8	0	0	0	0	0	
Consumer Products	48	0	0	0	0	0	
Hearth	2,488	49	3,072	6	431	431	
Landscaping	4	2	134	0	1	1	
Mobile	34	78	398	1	26	11	
Total	2,583	133	3,605	7	458	443	
Total (from Ext)	8,910	118	11,288	21	1,594	1,542	

Maximum	Net Change from Existing Conditions + General Plan					PM10 Total	PM2.5 Total
	ROG	NOx	CO	SO2			
Natural Gas Usage	2	17	7	0	1	1	
Architectural Coating	31	0	0	0	0	0	
Consumer Products	194	0	0	0	0	0	
Hearth	11,375	222	14,042	25	1,969	1,969	
Landscaping	18	7	612	0	3	3	
Mobile	74	169	854	3	56	23	
Total	11,695	414	15,515	28	2,030	1,997	
Total (from Ext)	18,022	400	23,198	43	3,166	3,096	

Alternatives AQ Emissions Summary

		Existing Conditions				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	5	45	21	0	4	4
Architectural Coating	37	0	0	0	0	0
Consumer Products	235	0	0	0	0	0
Hearth	10,046	196	12,400	22	1,739	1,739
Landscaping	17	6	543	0	3	3
Mobile	362	673	2,911	8	114	51
Total	10,701	920	15,876	31	1,859	1,797

		Existing Conditions + Proposed Project				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	9	76	42	0	6	6
Architectural Coating	74	0	0	0	0	0
Consumer Products	488	0	0	0	0	0
Hearth	19,347	378	23,882	43	3,348	3,348
Landscaping	32	12	1,043	0	6	6
Mobile	257	586	2,970	10	196	81
Total	20,207	1,052	27,937	53	3,556	3,441

		Existing Conditions + Very Low A (Alt 2)				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	8	70	39	0	6	6
Architectural Coating	63	0	0	0	0	0
Consumer Products	422	0	0	0	0	0
Hearth	15,677	306	19,352	35	2,713	2,713
Landscaping	26	10	846	0	5	5
Mobile	239	545	2,760	9	182	75
Total	16,436	931	22,997	44	2,906	2,799

		Existing Conditions + Very Low B (Alt 1)				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	6	53	26	0	4	4
Architectural Coating	46	0	0	0	0	0
Consumer Products	294	0	0	0	0	0
Hearth	11,530	225	14,233	26	1,996	1,996
Landscaping	19	7	623	0	3	3
Mobile	191	434	2,199	7	145	60
Total	12,086	719	17,081	33	2,148	2,063

		Existing Conditions + Low				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	8	72	40	0	6	6
Architectural Coating	66	0	0	0	0	0
Consumer Products	439	0	0	0	0	0
Hearth	16,219	317	20,021	36	2,807	2,807
Landscaping	27	10	875	0	5	5
Mobile	242	550	2,788	9	184	76
Total	17,000	949	23,724	46	3,002	2,894

		Existing Conditions + Moderate				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	9	76	42	0	6	6
Architectural Coating	74	0	0	0	0	0
Consumer Products	486	0	0	0	0	0
Hearth	18,755	366	23,151	42	3,246	3,246
Landscaping	31	12	1,011	0	6	6
Mobile	256	584	2,960	9	195	81
Total	19,611	1,038	27,164	52	3,453	3,338

		Existing Conditions + High				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	10	89	47	1	7	7
Architectural Coating	97	0	0	0	0	0
Consumer Products	633	0	0	0	0	0
Hearth	27,642	540	34,121	62	4,784	4,784
Landscaping	45	17	1,490	0	8	8
Mobile	296	674	3,416	11	225	93
Total	28,723	1,320	39,074	73	5,025	4,892

		Net Change from Existing Conditions + Proposed Project				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	-1	-6	-3	0	0	0
Architectural Coating	-11	0	0	0	0	0
Consumer Products	-66	0	0	0	0	0
Hearth	-3,670	-72	-4,530	-8	-635	-635
Landscaping	-6	-2	-197	0	-1	-1
Mobile	-18	-41	-209	-1	-14	-6
Total	-3,772	-121	-4,939	-9	-651	-642

		Net Change from Existing Conditions + Proposed Project				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	-3	-24	-15	0	-2	-2
Architectural Coating	-28	0	0	0	0	0
Consumer Products	-194	0	0	0	0	0
Hearth	-7,817	-153	-9,650	-17	-1,353	-1,353
Landscaping	-13	-5	-420	0	-2	-2
Mobile	-67	-152	-771	-2	-51	-21
Total	-8,122	-333	-10,856	-20	-1,408	-1,378

		Net Change from Existing Conditions + Proposed Project				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	0	-4	-2	0	0	0
Architectural Coating	-8	0	0	0	0	0
Consumer Products	-50	0	0	0	0	0
Hearth	-3,128	-61	-3,861	-7	-541	-541
Landscaping	-5	-2	-168	0	-1	-1
Mobile	-16	-36	-182	-1	-12	-5
Total	-3,207	-103	-4,213	-8	-555	-548

		Net Change from Existing Conditions + Proposed Project				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	0	0	0	0	0	0
Architectural Coating	0	0	0	0	0	0
Consumer Products	-2	0	0	0	0	0
Hearth	-592	-12	-731	-1	-103	-103
Landscaping	-1	0	-32	0	0	0
Mobile	-1	-2	-10	0	-1	0
Total	-596	-14	-773	-1	-103	-103

		Net Change from Existing Conditions + Proposed Project				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	1	12	5	0	1	1
Architectural Coating	23	0	0	0	0	0
Consumer Products	144	0	0	0	0	0
Hearth	8,295	162	10,239	19	1,436	1,436
Landscaping	13	5	447	0	2	2
Mobile	39	88	446	1	29	12
Total	8,516	267	11,137	20	1,469	1,451

		Net Change from Existing Conditions + Proposed Project				
Maximum	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Natural Gas Usage	1	12	5	0	1	1
Architectural Coating	23	0	0	0	0	0
Consumer Products	144	0	0	0	0	0
Hearth	8,295	162	10,239	19	1,436	1,436
Landscaping	13	5	447	0	2	2
Mobile	39	88	446	1	29	12
Total	8,516	267	11,137	20	1,469	1,451

CaIEMod Outputs

Proposed Project - Village Focused - 25% Development - San Diego County, Annual

**Proposed Project - Village Focused - 25% Development
San Diego County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,030.00	1000sqft	23.65	1,030,000.00	0
Apartments Low Rise	1,008.00	Dwelling Unit	63.00	1,008,000.00	2883
Single Family Housing	512.00	Dwelling Unit	166.23	921,600.00	1464

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only

Land Use -

Construction Phase - Adjusted schedule to meet 2 year timeframe

Off-road Equipment -

Off-road Equipment - Doubled default equipment quantities

Off-road Equipment - Doubled default equipment quantities

Off-road Equipment - Doubled default equipment quantities

Off-road Equipment -

Off-road Equipment - Doubled default equipment quantities

Trips and VMT -

Grading - Total area adjustment

Architectural Coating - Rule 67.0.1

Vehicle Trips - No operations

Woodstoves - No operations

Consumer Products - No operations

Area Coating - No operations

Landscape Equipment - No operations

Energy Use - No operations

Water And Wastewater - No operations

Solid Waste - No operations

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	330.00	100.00
tblConstructionPhase	NumDays	4,650.00	441.00
tblConstructionPhase	NumDays	300.00	25.00
tblConstructionPhase	NumDays	465.00	39.00
tblConstructionPhase	NumDays	330.00	27.00
tblConstructionPhase	NumDays	180.00	25.00
tblGrading	AcresOfGrading	195.00	97.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	WorkerTripNumber	25.00	15.00
tblTripsAndVMT	WorkerTripNumber	35.00	18.00
tblTripsAndVMT	WorkerTripNumber	40.00	20.00
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2021	1.3944	11.8265	10.8290	0.0323	2.1773	0.3971	2.5744	0.7713	0.3706	1.1419	0.0000	2,960.7805	2,960.7805	0.3508	0.0000	2,969.5515
2022	17.7801	7.0302	7.7626	0.0254	1.3455	0.1917	1.5372	0.3627	0.1804	0.5431	0.0000	2,336.2136	2,336.2136	0.2128	0.0000	2,341.5347
Maximum	17.7801	11.8265	10.8290	0.0323	2.1773	0.3971	2.5744	0.7713	0.3706	1.1419	0.0000	2,960.7805	2,960.7805	0.3508	0.0000	2,969.5515

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	tons/yr										MT/yr					
2021	1.3944	11.8265	10.8290	0.0323	2.1773	0.3971	2.5744	0.7713	0.3706	1.1419	0.0000	2,960.7794	2,960.7794	0.3508	0.0000	2,969.5504
2022	17.7801	7.0302	7.7626	0.0254	1.3455	0.1917	1.5372	0.3627	0.1804	0.5431	0.0000	2,336.2130	2,336.2130	0.2128	0.0000	2,341.5340
Maximum	17.7801	11.8265	10.8290	0.0323	2.1773	0.3971	2.5744	0.7713	0.3706	1.1419	0.0000	2,960.7794	2,960.7794	0.3508	0.0000	2,969.5504

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	5.1287	5.1287
2	4-1-2021	6-30-2021	2.6146	2.6146
3	7-1-2021	9-30-2021	2.6433	2.6433

4	10-1-2021	12-31-2021	2.6722	2.6722
5	1-1-2022	3-31-2022	2.4053	2.4053
6	4-1-2022	6-30-2022	2.4058	2.4058
7	7-1-2022	9-30-2022	9.8370	9.8370
		Highest	9.8370	9.8370

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	2/4/2021	5	25	
2	Site Preparation	Site Preparation	1/4/2021	2/5/2021	5	25	
3	Grading	Grading	1/26/2021	3/19/2021	5	39	
4	Building Construction	Building Construction	2/5/2021	10/14/2022	5	441	
5	Architectural Coating	Architectural Coating	8/1/2022	12/16/2022	5	100	
6	Paving	Paving	10/13/2022	11/18/2022	5	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 97.5

Acres of Paving: 0

Residential Indoor: 3,907,440; Residential Outdoor: 1,302,480; Non-Residential Indoor: 1,545,000; Non-Residential Outdoor: 515,000;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	6	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	6	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38

Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

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
Demolition	10	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,240.00	331.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	248.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0530	0.5117	0.4382	7.6000e-004		0.0255	0.0255		0.0238	0.0238	0.0000	66.2379	66.2379	0.0179	0.0000	66.6843
Total	0.0530	0.5117	0.4382	7.6000e-004		0.0255	0.0255		0.0238	0.0238	0.0000	66.2379	66.2379	0.0179	0.0000	66.6843

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.5000e-004	4.7000e-004	4.6800e-003	1.0000e-005	1.5000e-003	1.0000e-005	1.5100e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.3135	1.3135	4.0000e-005	0.0000	1.3144
Total	6.5000e-004	4.7000e-004	4.6800e-003	1.0000e-005	1.5000e-003	1.0000e-005	1.5100e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.3135	1.3135	4.0000e-005	0.0000	1.3144

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	tons/yr										MT/yr					
Off-Road	0.0530	0.5117	0.4382	7.6000e-004		0.0255	0.0255		0.0238	0.0238	0.0000	66.2379	66.2379	0.0179	0.0000	66.6843

Total	0.0530	0.5117	0.4382	7.6000e-004		0.0255	0.0255		0.0238	0.0238	0.0000	66.2379	66.2379	0.0179	0.0000	66.6843
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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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.5000e-004	4.7000e-004	4.6800e-003	1.0000e-005	1.5000e-003	1.0000e-005	1.5100e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.3135	1.3135	4.0000e-005	0.0000	1.3144
Total	6.5000e-004	4.7000e-004	4.6800e-003	1.0000e-005	1.5000e-003	1.0000e-005	1.5100e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.3135	1.3135	4.0000e-005	0.0000	1.3144

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4517	0.0000	0.4517	0.2483	0.0000	0.2483	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0972	1.0124	0.5289	9.5000e-004		0.0511	0.0511		0.0470	0.0470	0.0000	83.5893	83.5893	0.0270	0.0000	84.2652
Total	0.0972	1.0124	0.5289	9.5000e-004	0.4517	0.0511	0.5028	0.2483	0.0470	0.2953	0.0000	83.5893	83.5893	0.0270	0.0000	84.2652

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.8000e-004	5.6000e-004	5.6200e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.5762	1.5762	5.0000e-005	0.0000	1.5773
Total	7.8000e-004	5.6000e-004	5.6200e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.5762	1.5762	5.0000e-005	0.0000	1.5773

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	tons/yr										MT/yr					
Fugitive Dust					0.4517	0.0000	0.4517	0.2483	0.0000	0.2483	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0972	1.0124	0.5289	9.5000e-004		0.0511	0.0511		0.0470	0.0470	0.0000	83.5892	83.5892	0.0270	0.0000	84.2651
Total	0.0972	1.0124	0.5289	9.5000e-004	0.4517	0.0511	0.5028	0.2483	0.0470	0.2953	0.0000	83.5892	83.5892	0.0270	0.0000	84.2651

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
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Category	tons/yr										MT/yr					
	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	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	0.0000	0.0000
Worker	7.8000e-004	5.6000e-004	5.6200e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.5762	1.5762	5.0000e-005	0.0000	1.5773
Total	7.8000e-004	5.6000e-004	5.6200e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.5762	1.5762	5.0000e-005	0.0000	1.5773

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2866	0.0000	0.2866	0.1347	0.0000	0.1347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1635	1.8096	1.2043	2.4200e-003		0.0774	0.0774		0.0712	0.0712	0.0000	212.5304	212.5304	0.0687	0.0000	214.2488
Total	0.1635	1.8096	1.2043	2.4200e-003	0.2866	0.0774	0.3640	0.1347	0.0712	0.2059	0.0000	212.5304	212.5304	0.0687	0.0000	214.2488

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	tons/yr										MT/yr					
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	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	0.0000	0.0000

Worker	1.3600e-003	9.7000e-004	9.7400e-003	3.0000e-005	3.1300e-003	2.0000e-005	3.1500e-003	8.3000e-004	2.0000e-005	8.5000e-004	0.0000	2.7320	2.7320	8.0000e-005	0.0000	2.7340
Total	1.3600e-003	9.7000e-004	9.7400e-003	3.0000e-005	3.1300e-003	2.0000e-005	3.1500e-003	8.3000e-004	2.0000e-005	8.5000e-004	0.0000	2.7320	2.7320	8.0000e-005	0.0000	2.7340

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	tons/yr										MT/yr					
Fugitive Dust					0.2866	0.0000	0.2866	0.1347	0.0000	0.1347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1635	1.8096	1.2043	2.4200e-003		0.0774	0.0774		0.0712	0.0712	0.0000	212.5302	212.5302	0.0687	0.0000	214.2486
Total	0.1635	1.8096	1.2043	2.4200e-003	0.2866	0.0774	0.3640	0.1347	0.0712	0.2059	0.0000	212.5302	212.5302	0.0687	0.0000	214.2486

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.3600e-003	9.7000e-004	9.7400e-003	3.0000e-005	3.1300e-003	2.0000e-005	3.1500e-003	8.3000e-004	2.0000e-005	8.5000e-004	0.0000	2.7320	2.7320	8.0000e-005	0.0000	2.7340
Total	1.3600e-003	9.7000e-004	9.7400e-003	3.0000e-005	3.1300e-003	2.0000e-005	3.1500e-003	8.3000e-004	2.0000e-005	8.5000e-004	0.0000	2.7320	2.7320	8.0000e-005	0.0000	2.7340

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4486	4.1140	3.9118	6.3500e-003		0.2262	0.2262		0.2127	0.2127	0.0000	546.6640	546.6640	0.1319	0.0000	549.9611
Total	0.4486	4.1140	3.9118	6.3500e-003		0.2262	0.2262		0.2127	0.2127	0.0000	546.6640	546.6640	0.1319	0.0000	549.9611

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.1208	4.0139	1.0704	0.0105	0.2592	8.5000e-003	0.2677	0.0749	8.1200e-003	0.0830	0.0000	1,021.1325	1,021.1325	0.0758	0.0000	1,023.0272
Worker	0.5086	0.3629	3.6555	0.0113	1.1734	8.3000e-003	1.1817	0.3118	7.6500e-003	0.3195	0.0000	1,025.0047	1,025.0047	0.0294	0.0000	1,025.7392
Total	0.6294	4.3767	4.7259	0.0218	1.4326	0.0168	1.4494	0.3867	0.0158	0.4024	0.0000	2,046.1372	2,046.1372	0.1052	0.0000	2,048.7663

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
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Category	tons/yr									MT/yr						
	Off-Road	0.4486	4.1140	3.9117	6.3500e-003		0.2262	0.2262		0.2127	0.2127	0.0000	546.6633	546.6633	0.1319	0.0000
Total	0.4486	4.1140	3.9117	6.3500e-003		0.2262	0.2262		0.2127	0.2127	0.0000	546.6633	546.6633	0.1319	0.0000	549.9605

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.1208	4.0139	1.0704	0.0105	0.2592	8.5000e-003	0.2677	0.0749	8.1200e-003	0.0830	0.0000	1,021.1325	1,021.1325	0.0758	0.0000	1,023.0272
Worker	0.5086	0.3629	3.6555	0.0113	1.1734	8.3000e-003	1.1817	0.3118	7.6500e-003	0.3195	0.0000	1,025.0047	1,025.0047	0.0294	0.0000	1,025.7392
Total	0.6294	4.3767	4.7259	0.0218	1.4326	0.0168	1.4494	0.3867	0.0158	0.4024	0.0000	2,046.1372	2,046.1372	0.1052	0.0000	2,048.7663

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3498	3.2012	3.3545	5.5200e-003		0.1659	0.1659		0.1560	0.1560	0.0000	475.0368	475.0368	0.1138	0.0000	477.8819
Total	0.3498	3.2012	3.3545	5.5200e-003		0.1659	0.1659		0.1560	0.1560	0.0000	475.0368	475.0368	0.1138	0.0000	477.8819

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.0976	3.2925	0.8803	8.9900e-003	0.2252	6.3500e-003	0.2315	0.0650	6.0800e-003	0.0711	0.0000	878.6008	878.6008	0.0638	0.0000	880.1951
Worker	0.4181	0.2874	2.9480	9.4800e-003	1.0192	7.0600e-003	1.0263	0.2708	6.5000e-003	0.2773	0.0000	857.7255	857.7255	0.0234	0.0000	858.3098
Total	0.5157	3.5799	3.8283	0.0185	1.2444	0.0134	1.2578	0.3359	0.0126	0.3484	0.0000	1,736.3263	1,736.3263	0.0871	0.0000	1,738.5049

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	tons/yr										MT/yr					
Off-Road	0.3498	3.2012	3.3545	5.5200e-003		0.1659	0.1659		0.1560	0.1560	0.0000	475.0362	475.0362	0.1138	0.0000	477.8813
Total	0.3498	3.2012	3.3545	5.5200e-003		0.1659	0.1659		0.1560	0.1560	0.0000	475.0362	475.0362	0.1138	0.0000	477.8813

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.0976	3.2925	0.8803	8.9900e-003	0.2252	6.3500e-003	0.2315	0.0650	6.0800e-003	0.0711	0.0000	878.6008	878.6008	0.0638	0.0000	880.1951
Worker	0.4181	0.2874	2.9480	9.4800e-003	1.0192	7.0600e-003	1.0263	0.2708	6.5000e-003	0.2773	0.0000	857.7255	857.7255	0.0234	0.0000	858.3098
Total	0.5157	3.5799	3.8283	0.0185	1.2444	0.0134	1.2578	0.3359	0.0126	0.3484	0.0000	1,736.3263	1,736.3263	0.0871	0.0000	1,738.5049

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	16.8480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.0704	0.0907	1.5000e-004		4.0900e-003	4.0900e-003		4.0900e-003	4.0900e-003	0.0000	12.7663	12.7663	8.3000e-004	0.0000	12.7871
Total	16.8583	0.0704	0.0907	1.5000e-004		4.0900e-003	4.0900e-003		4.0900e-003	4.0900e-003	0.0000	12.7663	12.7663	8.3000e-004	0.0000	12.7871

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	tons/yr										MT/yr					

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	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	0.0000	0.0000
Worker	0.0408	0.0280	0.2876	9.3000e-004	0.0994	6.9000e-004	0.1001	0.0264	6.3000e-004	0.0271	0.0000	83.6805	83.6805	2.2800e-003	0.0000	83.7375
Total	0.0408	0.0280	0.2876	9.3000e-004	0.0994	6.9000e-004	0.1001	0.0264	6.3000e-004	0.0271	0.0000	83.6805	83.6805	2.2800e-003	0.0000	83.7375

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	tons/yr										MT/yr					
Archit. Coating	16.8480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.0704	0.0907	1.5000e-004		4.0900e-003	4.0900e-003		4.0900e-003	4.0900e-003	0.0000	12.7663	12.7663	8.3000e-004	0.0000	12.7870
Total	16.8583	0.0704	0.0907	1.5000e-004		4.0900e-003	4.0900e-003		4.0900e-003	4.0900e-003	0.0000	12.7663	12.7663	8.3000e-004	0.0000	12.7870

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.0408	0.0280	0.2876	9.3000e-004	0.0994	6.9000e-004	0.1001	0.0264	6.3000e-004	0.0271	0.0000	83.6805	83.6805	2.2800e-003	0.0000	83.7375

Total	0.0408	0.0280	0.2876	9.3000e-004	0.0994	6.9000e-004	0.1001	0.0264	6.3000e-004	0.0271	0.0000	83.6805	83.6805	2.2800e-003	0.0000	83.7375
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3.7 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0149	0.1502	0.1968	3.1000e-004		7.6700e-003	7.6700e-003		7.0500e-003	7.0500e-003	0.0000	27.0372	27.0372	8.7400e-003	0.0000	27.2558
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0149	0.1502	0.1968	3.1000e-004		7.6700e-003	7.6700e-003		7.0500e-003	7.0500e-003	0.0000	27.0372	27.0372	8.7400e-003	0.0000	27.2558

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.7000e-004	4.6000e-004	4.7000e-003	2.0000e-005	1.6200e-003	1.0000e-005	1.6400e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.3666	1.3666	4.0000e-005	0.0000	1.3675
Total	6.7000e-004	4.6000e-004	4.7000e-003	2.0000e-005	1.6200e-003	1.0000e-005	1.6400e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.3666	1.3666	4.0000e-005	0.0000	1.3675

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	tons/yr										MT/yr					
Off-Road	0.0149	0.1502	0.1968	3.1000e-004		7.6700e-003	7.6700e-003		7.0500e-003	7.0500e-003	0.0000	27.0372	27.0372	8.7400e-003	0.0000	27.2558
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0149	0.1502	0.1968	3.1000e-004		7.6700e-003	7.6700e-003		7.0500e-003	7.0500e-003	0.0000	27.0372	27.0372	8.7400e-003	0.0000	27.2558

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.7000e-004	4.6000e-004	4.7000e-003	2.0000e-005	1.6200e-003	1.0000e-005	1.6400e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.3666	1.3666	4.0000e-005	0.0000	1.3675
Total	6.7000e-004	4.6000e-004	4.7000e-003	2.0000e-005	1.6200e-003	1.0000e-005	1.6400e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.3666	1.3666	4.0000e-005	0.0000	1.3675

Proposed Project - Village Focused - 25% Development - San Diego County, Summer

**Proposed Project - Village Focused - 25% Development
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,030.00	1000sqft	23.65	1,030,000.00	0
Apartments Low Rise	1,008.00	Dwelling Unit	63.00	1,008,000.00	2883
Single Family Housing	512.00	Dwelling Unit	166.23	921,600.00	1464

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only

Land Use -

Construction Phase - Adjusted schedule to meet 2 year timeframe

Off-road Equipment -

Off-road Equipment - Doubled default equipment quantities

Off-road Equipment - Doubled default equipment quantities

Off-road Equipment - Doubled default equipment quantities

Off-road Equipment -

Off-road Equipment - Doubled default equipment quantities

Trips and VMT -

Grading - Total area adjustment

Architectural Coating - Rule 67.0.1

Vehicle Trips - No operations

Woodstoves - No operations

Consumer Products - No operations

Area Coating - No operations

Landscape Equipment - No operations

Energy Use - No operations

Water And Wastewater - No operations

Solid Waste - No operations

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	330.00	100.00
tblConstructionPhase	NumDays	4,650.00	441.00
tblConstructionPhase	NumDays	300.00	25.00
tblConstructionPhase	NumDays	465.00	39.00
tblConstructionPhase	NumDays	330.00	27.00
tblConstructionPhase	NumDays	180.00	25.00
tblGrading	AcresOfGrading	195.00	97.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	WorkerTripNumber	25.00	15.00
tblTripsAndVMT	WorkerTripNumber	35.00	18.00
tblTripsAndVMT	WorkerTripNumber	40.00	20.00
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	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					
2021	25.3819	245.2356	179.7027	0.4480	63.5672	10.1202	73.6873	30.1978	9.3519	39.5497	0.0000	44,544.4322	44,544.4322	8.4878	0.0000	44,756.6270
2022	347.5262	78.6976	94.3258	0.2866	14.5875	2.4120	16.9995	3.9200	2.2616	6.1816	0.0000	28,942.8245	28,942.8245	2.9444	0.0000	29,016.4355
Maximum	347.5262	245.2356	179.7027	0.4480	63.5672	10.1202	73.6873	30.1978	9.3519	39.5497	0.0000	44,544.4322	44,544.4322	8.4878	0.0000	44,756.6270

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					
2021	25.3819	245.2356	179.7027	0.4480	63.5672	10.1202	73.6873	30.1978	9.3519	39.5497	0.0000	44,544.4322	44,544.4322	8.4878	0.0000	44,756.6270
2022	347.5262	78.6976	94.3258	0.2866	14.5875	2.4120	16.9995	3.9200	2.2616	6.1816	0.0000	28,942.8245	28,942.8245	2.9444	0.0000	29,016.4355
Maximum	347.5262	245.2356	179.7027	0.4480	63.5672	10.1202	73.6873	30.1978	9.3519	39.5497	0.0000	44,544.4322	44,544.4322	8.4878	0.0000	44,756.6270

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	2/4/2021	5	25	
2	Site Preparation	Site Preparation	1/4/2021	2/5/2021	5	25	
3	Grading	Grading	1/26/2021	3/19/2021	5	39	
4	Building Construction	Building Construction	2/5/2021	10/14/2022	5	441	
5	Architectural Coating	Architectural Coating	8/1/2022	12/16/2022	5	100	
6	Paving	Paving	10/13/2022	11/18/2022	5	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 97.5

Acres of Paving: 0

Residential Indoor: 3,907,440; Residential Outdoor: 1,302,480; Non-Residential Indoor: 1,545,000; Non-Residential Outdoor: 515,000;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	6	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	6	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	7.00	97	0.37

Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

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
Demolition	10	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,240.00	331.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	248.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2375	40.9388	35.0545	0.0606		2.0378	2.0378		1.9025	1.9025		5,841.1855	5,841.1855	1.5746		5,880.5512
Total	4.2375	40.9388	35.0545	0.0606		2.0378	2.0378		1.9025	1.9025		5,841.1855	5,841.1855	1.5746		5,880.5512

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

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	4.2375	40.9388	35.0545	0.0606		2.0378	2.0378		1.9025	1.9025	0.0000	5,841.1855	5,841.1855	1.5746		5,880.5512
Total	4.2375	40.9388	35.0545	0.0606		2.0378	2.0378		1.9025	1.9025	0.0000	5,841.1855	5,841.1855	1.5746		5,880.5512

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					36.1325	0.0000	36.1325	19.8614	0.0000	19.8614			0.0000			0.0000
Off-Road	7.7764	80.9942	42.3085	0.0760		4.0889	4.0889		3.7618	3.7618		7,371.3138	7,371.3138	2.3840		7,430.9146
Total	7.7764	80.9942	42.3085	0.0760	36.1325	4.0889	40.2214	19.8614	3.7618	23.6232		7,371.3138	7,371.3138	2.3840		7,430.9146

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	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

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					36.1325	0.0000	36.1325	19.8614	0.0000	19.8614			0.0000			0.0000
Off-Road	7.7764	80.9942	42.3085	0.0760		4.0889	4.0889		3.7618	3.7618	0.0000	7,371.3138	7,371.3138	2.3840		7,430.9146
Total	7.7764	80.9942	42.3085	0.0760	36.1325	4.0889	40.2214	19.8614	3.7618	23.6232	0.0000	7,371.3138	7,371.3138	2.3840		7,430.9146

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	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					14.6954	0.0000	14.6954	6.9067	0.0000	6.9067			0.0000			0.0000
Off-Road	8.3824	92.7997	61.7569	0.1240		3.9707	3.9707		3.6530	3.6530		12,014.0869	12,014.0869	3.8856		12,111.2269
Total	8.3824	92.7997	61.7569	0.1240	14.6954	3.9707	18.6661	6.9067	3.6530	10.5598		12,014.0869	12,014.0869	3.8856		12,111.2269

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	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044
Total	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044

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					14.6954	0.0000	14.6954	6.9067	0.0000	6.9067			0.0000			0.0000
Off-Road	8.3824	92.7997	61.7569	0.1240		3.9707	3.9707		3.6530	3.6530	0.0000	12,014.0869	12,014.0869	3.8856		12,111.2268
Total	8.3824	92.7997	61.7569	0.1240	14.6954	3.9707	18.6661	6.9067	3.6530	10.5598	0.0000	12,014.0869	12,014.0869	3.8856		12,111.2268

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	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044
Total	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8019	34.8642	33.1504	0.0538		1.9172	1.9172		1.8026	1.8026		5,106.7278	5,106.7278	1.2320		5,137.5285

Total	3.8019	34.8642	33.1504	0.0538		1.9172	1.9172		1.8026	1.8026		5,106.7278	5,106.7278	1.2320		5,137.5285
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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	1.0009	33.7056	8.5895	0.0896	2.2407	0.0708	2.3115	0.6450	0.0677	0.7127		9,643.7494	9,643.7494	0.6891			9,660.9763
Worker	4.2891	2.7865	32.8896	0.1013	10.1863	0.0704	10.2567	2.7019	0.0648	2.7667		10,099.0669	10,099.0669	0.2882			10,106.2724
Total	5.2899	36.4921	41.4790	0.1910	12.4271	0.1412	12.5682	3.3469	0.1325	3.4794		19,742.8163	19,742.8163	0.9773			19,767.2487

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	3.8019	34.8642	33.1504	0.0538		1.9172	1.9172		1.8026	1.8026	0.0000	5,106.7278	5,106.7278	1.2320			5,137.5285
Total	3.8019	34.8642	33.1504	0.0538		1.9172	1.9172		1.8026	1.8026	0.0000	5,106.7278	5,106.7278	1.2320			5,137.5285

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	1.0009	33.7056	8.5895	0.0896	2.2407	0.0708	2.3115	0.6450	0.0677	0.7127		9,643.7494	9,643.7494	0.6891		9,660.9763
Worker	4.2891	2.7865	32.8896	0.1013	10.1863	0.0704	10.2567	2.7019	0.0648	2.7667		10,099.0669	10,099.0669	0.2882		10,106.2724
Total	5.2899	36.4921	41.4790	0.1910	12.4271	0.1412	12.5682	3.3469	0.1325	3.4794		19,742.8163	19,742.8163	0.9773		19,767.2487

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4125	31.2313	32.7268	0.0539		1.6180	1.6180		1.5223	1.5223		5,108.6672	5,108.6672	1.2239		5,139.2644
Total	3.4125	31.2313	32.7268	0.0539		1.6180	1.6180		1.5223	1.5223		5,108.6672	5,108.6672	1.2239		5,139.2644

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
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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		0.0000
Vendor	0.9308	31.8530	8.1350	0.0887	2.2407	0.0609	2.3016	0.6450	0.0582	0.7033		9,553.1160	9,553.1160	0.6680		9,569.8153
Worker	4.0548	2.5410	30.5833	0.0976	10.1863	0.0688	10.2551	2.7019	0.0634	2.7653		9,728.5408	9,728.5408	0.2642		9,735.1462
Total	4.9855	34.3940	38.7183	0.1863	12.4271	0.1297	12.5568	3.3469	0.1216	3.4686		19,281.6568	19,281.6568	0.9322		19,304.9615

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	3.4125	31.2313	32.7268	0.0539		1.6180	1.6180		1.5223	1.5223	0.0000	5,108.6672	5,108.6672	1.2239		5,139.2644
Total	3.4125	31.2313	32.7268	0.0539		1.6180	1.6180		1.5223	1.5223	0.0000	5,108.6672	5,108.6672	1.2239		5,139.2644

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	0.9308	31.8530	8.1350	0.0887	2.2407	0.0609	2.3016	0.6450	0.0582	0.7033		9,553.1160	9,553.1160	0.6680		9,569.8153

Worker	4.0548	2.5410	30.5833	0.0976	10.1863	0.0688	10.2551	2.7019	0.0634	2.7653		9,728.5408	9,728.5408	0.2642		9,735.1462
Total	4.9855	34.3940	38.7183	0.1863	12.4271	0.1297	12.5568	3.3469	0.1216	3.4686		19,281.6568	19,281.6568	0.9322		19,304.9615

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	336.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	337.1653	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.8110	0.5082	6.1167	0.0195	2.0373	0.0138	2.0510	0.5404	0.0127	0.5531		1,945.7082	1,945.7082	0.0528		1,947.0292
Total	0.8110	0.5082	6.1167	0.0195	2.0373	0.0138	2.0510	0.5404	0.0127	0.5531		1,945.7082	1,945.7082	0.0528		1,947.0292

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	336.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	337.1653	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.8110	0.5082	6.1167	0.0195	2.0373	0.0138	2.0510	0.5404	0.0127	0.5531		1,945.7082	1,945.7082	0.0528		1,947.0292
Total	0.8110	0.5082	6.1167	0.0195	2.0373	0.0138	2.0510	0.5404	0.0127	0.5531		1,945.7082	1,945.7082	0.0528		1,947.0292

3.7 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day				
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000		0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140	

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	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
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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	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

Proposed Project - Village Focused - 25% Development - San Diego County, Winter

**Proposed Project - Village Focused - 25% Development
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,030.00	1000sqft	23.65	1,030,000.00	0
Apartments Low Rise	1,008.00	Dwelling Unit	63.00	1,008,000.00	2883
Single Family Housing	512.00	Dwelling Unit	166.23	921,600.00	1464

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only

Land Use -

Construction Phase - Adjusted schedule to meet 2 year timeframe

Off-road Equipment -

Off-road Equipment - Doubled default equipment quantities

Off-road Equipment - Doubled default equipment quantities

Off-road Equipment - Doubled default equipment quantities

Off-road Equipment -

Off-road Equipment - Doubled default equipment quantities

Trips and VMT -

Grading - Total area adjustment

Architectural Coating - Rule 67.0.1

Vehicle Trips - No operations

Woodstoves - No operations

Consumer Products - No operations

Area Coating - No operations

Landscape Equipment - No operations

Energy Use - No operations

Water And Wastewater - No operations

Solid Waste - No operations

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	330.00	100.00
tblConstructionPhase	NumDays	4,650.00	441.00
tblConstructionPhase	NumDays	300.00	25.00
tblConstructionPhase	NumDays	465.00	39.00
tblConstructionPhase	NumDays	330.00	27.00
tblConstructionPhase	NumDays	180.00	25.00
tblGrading	AcresOfGrading	195.00	97.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	WorkerTripNumber	25.00	15.00
tblTripsAndVMT	WorkerTripNumber	35.00	18.00
tblTripsAndVMT	WorkerTripNumber	40.00	20.00
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	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					
2021	26.0285	245.4976	178.6436	0.4393	63.5672	10.1230	73.6902	30.1978	9.3546	39.5524	0.0000	43,657.4653	43,657.4653	8.5142	0.0000	43,870.3210
2022	348.2489	78.9662	92.9483	0.2771	14.5875	2.4146	17.0021	3.9200	2.2640	6.1840	0.0000	27,972.2517	27,972.2517	2.9670	0.0000	28,046.4254
Maximum	348.2489	245.4976	178.6436	0.4393	63.5672	10.1230	73.6902	30.1978	9.3546	39.5524	0.0000	43,657.4653	43,657.4653	8.5142	0.0000	43,870.3210

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					
2021	26.0285	245.4976	178.6436	0.4393	63.5672	10.1230	73.6902	30.1978	9.3546	39.5524	0.0000	43,657.4652	43,657.4652	8.5142	0.0000	43,870.3210
2022	348.2489	78.9662	92.9483	0.2771	14.5875	2.4146	17.0021	3.9200	2.2640	6.1840	0.0000	27,972.2517	27,972.2517	2.9670	0.0000	28,046.4254
Maximum	348.2489	245.4976	178.6436	0.4393	63.5672	10.1230	73.6902	30.1978	9.3546	39.5524	0.0000	43,657.4652	43,657.4652	8.5142	0.0000	43,870.3210

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	2/4/2021	5	25	
2	Site Preparation	Site Preparation	1/4/2021	2/5/2021	5	25	
3	Grading	Grading	1/26/2021	3/19/2021	5	39	
4	Building Construction	Building Construction	2/5/2021	10/14/2022	5	441	
5	Architectural Coating	Architectural Coating	8/1/2022	12/16/2022	5	100	
6	Paving	Paving	10/13/2022	11/18/2022	5	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 97.5

Acres of Paving: 0

Residential Indoor: 3,907,440; Residential Outdoor: 1,302,480; Non-Residential Indoor: 1,545,000; Non-Residential Outdoor: 515,000;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	6	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	6	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	7.00	97	0.37

Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

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
Demolition	10	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,240.00	331.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	248.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2375	40.9388	35.0545	0.0606		2.0378	2.0378		1.9025	1.9025		5,841.1855	5,841.1855	1.5746		5,880.5512
Total	4.2375	40.9388	35.0545	0.0606		2.0378	2.0378		1.9025	1.9025		5,841.1855	5,841.1855	1.5746		5,880.5512

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

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	4.2375	40.9388	35.0545	0.0606		2.0378	2.0378		1.9025	1.9025	0.0000	5,841.1855	5,841.1855	1.5746		5,880.5512
Total	4.2375	40.9388	35.0545	0.0606		2.0378	2.0378		1.9025	1.9025	0.0000	5,841.1855	5,841.1855	1.5746		5,880.5512

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					36.1325	0.0000	36.1325	19.8614	0.0000	19.8614			0.0000			0.0000
Off-Road	7.7764	80.9942	42.3085	0.0760		4.0889	4.0889		3.7618	3.7618		7,371.3138	7,371.3138	2.3840		7,430.9146
Total	7.7764	80.9942	42.3085	0.0760	36.1325	4.0889	40.2214	19.8614	3.7618	23.6232		7,371.3138	7,371.3138	2.3840		7,430.9146

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	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

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					36.1325	0.0000	36.1325	19.8614	0.0000	19.8614			0.0000			0.0000
Off-Road	7.7764	80.9942	42.3085	0.0760		4.0889	4.0889		3.7618	3.7618	0.0000	7,371.3138	7,371.3138	2.3840		7,430.9146
Total	7.7764	80.9942	42.3085	0.0760	36.1325	4.0889	40.2214	19.8614	3.7618	23.6232	0.0000	7,371.3138	7,371.3138	2.3840		7,430.9146

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	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					14.6954	0.0000	14.6954	6.9067	0.0000	6.9067			0.0000			0.0000
Off-Road	8.3824	92.7997	61.7569	0.1240		3.9707	3.9707		3.6530	3.6530		12,014.0869	12,014.0869	3.8856		12,111.2269
Total	8.3824	92.7997	61.7569	0.1240	14.6954	3.9707	18.6661	6.9067	3.6530	10.5598		12,014.0869	12,014.0869	3.8856		12,111.2269

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	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193
Total	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193

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					14.6954	0.0000	14.6954	6.9067	0.0000	6.9067			0.0000			0.0000
Off-Road	8.3824	92.7997	61.7569	0.1240		3.9707	3.9707		3.6530	3.6530	0.0000	12,014.0869	12,014.0869	3.8856		12,111.2268
Total	8.3824	92.7997	61.7569	0.1240	14.6954	3.9707	18.6661	6.9067	3.6530	10.5598	0.0000	12,014.0869	12,014.0869	3.8856		12,111.2268

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	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193
Total	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8019	34.8642	33.1504	0.0538		1.9172	1.9172		1.8026	1.8026		5,106.7278	5,106.7278	1.2320		5,137.5285

Total	3.8019	34.8642	33.1504	0.0538		1.9172	1.9172		1.8026	1.8026		5,106.7278	5,106.7278	1.2320		5,137.5285
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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	1.0551	33.6159	9.5641	0.0874	2.2407	0.0737	2.3144	0.6450	0.0704	0.7155		9,394.4188	9,394.4188	0.7319			9,412.7152
Worker	4.8638	3.1278	30.9163	0.0951	10.1863	0.0704	10.2567	2.7019	0.0648	2.7667		9,480.3899	9,480.3899	0.2724			9,487.1992
Total	5.9189	36.7437	40.4804	0.1825	12.4271	0.1440	12.5711	3.3469	0.1353	3.4822		18,874.8088	18,874.8088	1.0042			18,899.9143

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	3.8019	34.8642	33.1504	0.0538		1.9172	1.9172		1.8026	1.8026	0.0000	5,106.7278	5,106.7278	1.2320			5,137.5285
Total	3.8019	34.8642	33.1504	0.0538		1.9172	1.9172		1.8026	1.8026	0.0000	5,106.7278	5,106.7278	1.2320			5,137.5285

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	1.0551	33.6159	9.5641	0.0874	2.2407	0.0737	2.3144	0.6450	0.0704	0.7155		9,394.4188	9,394.4188	0.7319			9,412.7152
Worker	4.8638	3.1278	30.9163	0.0951	10.1863	0.0704	10.2567	2.7019	0.0648	2.7667		9,480.3899	9,480.3899	0.2724			9,487.1992
Total	5.9189	36.7437	40.4804	0.1825	12.4271	0.1440	12.5711	3.3469	0.1353	3.4822		18,874.8088	18,874.8088	1.0042			18,899.9143

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.4125	31.2313	32.7268	0.0539		1.6180	1.6180		1.5223	1.5223		5,108.6672	5,108.6672	1.2239			5,139.2644
Total	3.4125	31.2313	32.7268	0.0539		1.6180	1.6180		1.5223	1.5223		5,108.6672	5,108.6672	1.2239			5,139.2644

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
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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		0.0000
Vendor	0.9814	31.7453	9.0556	0.0864	2.2407	0.0635	2.3042	0.6450	0.0607	0.7057	0.7057	9,304.4967	9,304.4967	0.7085		9,322.2088
Worker	4.6092	2.8515	28.6874	0.0916	10.1863	0.0688	10.2551	2.7019	0.0634	2.7653	2.7653	9,132.9173	9,132.9173	0.2494		9,139.1512
Total	5.5907	34.5968	37.7429	0.1780	12.4271	0.1323	12.5594	3.3469	0.1241	3.4710	3.4710	18,437.4139	18,437.4139	0.9579		18,461.3600

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	3.4125	31.2313	32.7268	0.0539		1.6180	1.6180		1.5223	1.5223	0.0000	5,108.6672	5,108.6672	1.2239		5,139.2644
Total	3.4125	31.2313	32.7268	0.0539		1.6180	1.6180		1.5223	1.5223	0.0000	5,108.6672	5,108.6672	1.2239		5,139.2644

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	0.9814	31.7453	9.0556	0.0864	2.2407	0.0635	2.3042	0.6450	0.0607	0.7057		9,304.4967	9,304.4967	0.7085		9,322.2088

Worker	4.6092	2.8515	28.6874	0.0916	10.1863	0.0688	10.2551	2.7019	0.0634	2.7653		9,132.9173	9,132.9173	0.2494		9,139.1512
Total	5.5907	34.5968	37.7429	0.1780	12.4271	0.1323	12.5594	3.3469	0.1241	3.4710		18,437.4139	18,437.4139	0.9579		18,461.3600

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	336.9608					0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817	0.0817	0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	337.1653	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.9218	0.5703	5.7375	0.0183	2.0373	0.0138	2.0510	0.5404	0.0127	0.5531		1,826.5835	1,826.5835	0.0499		1,827.8303
Total	0.9218	0.5703	5.7375	0.0183	2.0373	0.0138	2.0510	0.5404	0.0127	0.5531		1,826.5835	1,826.5835	0.0499		1,827.8303

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	336.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	337.1653	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.9218	0.5703	5.7375	0.0183	2.0373	0.0138	2.0510	0.5404	0.0127	0.5531		1,826.5835	1,826.5835	0.0499		1,827.8303
Total	0.9218	0.5703	5.7375	0.0183	2.0373	0.0138	2.0510	0.5404	0.0127	0.5531		1,826.5835	1,826.5835	0.0499		1,827.8303

3.7 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	2,207.6603	2,207.6603	0.7140		2,225.5104	
Paving	0.0000					0.0000	0.0000		0.0000	0.0000		0.0000			0.0000	
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

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	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
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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	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

Alpine CPU Construction - General Office - San Diego County, Annual

Alpine CPU Construction - General Office
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	40.00	1000sqft	0.92	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only

Land Use -

Architectural Coating - Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.2353	0.5052	0.4616	8.3000e-004	9.4800e-003	0.0262	0.0357	2.7400e-003	0.0242	0.0270	0.0000	74.2100	74.2100	0.0191	0.0000	74.6862
Maximum	0.2353	0.5052	0.4616	8.3000e-004	9.4800e-003	0.0262	0.0357	2.7400e-003	0.0242	0.0270	0.0000	74.2100	74.2100	0.0191	0.0000	74.6862

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	tons/yr										MT/yr					
2021	0.2353	0.5052	0.4616	8.3000e-004	9.4800e-003	0.0262	0.0357	2.7400e-003	0.0242	0.0270	0.0000	74.2099	74.2099	0.0191	0.0000	74.6861
Maximum	0.2353	0.5052	0.4616	8.3000e-004	9.4800e-003	0.0262	0.0357	2.7400e-003	0.0242	0.0270	0.0000	74.2099	74.2099	0.0191	0.0000	74.6861

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	0.2980	0.2980
2	4-1-2021	6-30-2021	0.4444	0.4444
		Highest	0.4444	0.4444

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/14/2021	5	10	
2	Site Preparation	Site Preparation	1/15/2021	1/15/2021	5	1	
3	Grading	Grading	1/16/2021	1/19/2021	5	2	
4	Building Construction	Building Construction	1/20/2021	6/8/2021	5	100	
5	Paving	Paving	6/9/2021	6/15/2021	5	5	
6	Architectural Coating	Architectural Coating	6/16/2021	6/22/2021	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 60,000; Non-Residential Outdoor: 20,000; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40

Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	13.00	7.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289
Total	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7000e-004	1.2000e-004	1.2500e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3503	0.3503	1.0000e-005	0.0000	0.3505
Total	1.7000e-004	1.2000e-004	1.2500e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3503	0.3503	1.0000e-005	0.0000	0.3505

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	tons/yr										MT/yr					
Off-Road	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289
Total	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7000e-004	1.2000e-004	1.2500e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3503	0.3503	1.0000e-005	0.0000	0.3505
Total	1.7000e-004	1.2000e-004	1.2500e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3503	0.3503	1.0000e-005	0.0000	0.3505

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
Total	3.2000e-004	3.9100e-003	2.0100e-003	0.0000	2.7000e-004	1.5000e-004	4.2000e-004	3.0000e-005	1.4000e-004	1.7000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0175	0.0175	0.0000	0.0000	0.0175
Total	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0175	0.0175	0.0000	0.0000	0.0175

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	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
Total	3.2000e-004	3.9100e-003	2.0100e-003	0.0000	2.7000e-004	1.5000e-004	4.2000e-004	3.0000e-005	1.4000e-004	1.7000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0175	0.0175	0.0000	0.0000	0.0175
Total	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0175	0.0175	0.0000	0.0000	0.0175

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005		4.1000e-004	4.1000e-004		3.9000e-004	3.9000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458
Total	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005	7.5000e-004	4.1000e-004	1.1600e-003	4.1000e-004	3.9000e-004	8.0000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701
Total	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701

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	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005		4.1000e-004	4.1000e-004		3.9000e-004	3.9000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458
Total	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005	7.5000e-004	4.1000e-004	1.1600e-003	4.1000e-004	3.9000e-004	8.0000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701
Total	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456
Total	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	1.0800e-003	0.0360	9.5900e-003	9.0000e-005	2.3200e-003	8.0000e-005	2.4000e-003	6.7000e-004	7.0000e-005	7.4000e-004	0.0000	9.1504	9.1504	6.8000e-004	0.0000	9.1674
Worker	2.2600e-003	1.6100e-003	0.0162	5.0000e-005	5.2100e-003	4.0000e-005	5.2500e-003	1.3900e-003	3.0000e-005	1.4200e-003	0.0000	4.5534	4.5534	1.3000e-004	0.0000	4.5567
Total	3.3400e-003	0.0376	0.0258	1.4000e-004	7.5300e-003	1.2000e-004	7.6500e-003	2.0600e-003	1.0000e-004	2.1600e-003	0.0000	13.7038	13.7038	8.1000e-004	0.0000	13.7240

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	tons/yr										MT/yr					
Off-Road	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456
Total	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	1.0800e-003	0.0360	9.5900e-003	9.0000e-005	2.3200e-003	8.0000e-005	2.4000e-003	6.7000e-004	7.0000e-005	7.4000e-004	0.0000	9.1504	9.1504	6.8000e-004	0.0000	9.1674
Worker	2.2600e-003	1.6100e-003	0.0162	5.0000e-005	5.2100e-003	4.0000e-005	5.2500e-003	1.3900e-003	3.0000e-005	1.4200e-003	0.0000	4.5534	4.5534	1.3000e-004	0.0000	4.5567
Total	3.3400e-003	0.0376	0.0258	1.4000e-004	7.5300e-003	1.2000e-004	7.6500e-003	2.0600e-003	1.0000e-004	2.1600e-003	0.0000	13.7038	13.7038	8.1000e-004	0.0000	13.7240

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.1200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3152	0.3152	1.0000e-005	0.0000	0.3155
Total	1.6000e-004	1.1000e-004	1.1200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3152	0.3152	1.0000e-005	0.0000	0.3155

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	tons/yr										MT/yr					
Off-Road	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.1200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3152	0.3152	1.0000e-005	0.0000	0.3155
Total	1.6000e-004	1.1000e-004	1.1200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3152	0.3152	1.0000e-005	0.0000	0.3155

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1854					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	0.1860	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0525	0.0525	0.0000	0.0000	0.0526
Total	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0525	0.0525	0.0000	0.0000	0.0526

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	tons/yr										MT/yr					
Archit. Coating	0.1854					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	0.1860	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0525	0.0525	0.0000	0.0000	0.0526
Total	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0525	0.0525	0.0000	0.0000	0.0526

Alpine CPU Construction - General Office - San Diego County, Summer

Alpine CPU Construction - General Office
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	40.00	1000sqft	0.92	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only

Land Use -

Architectural Coating - Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00

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					
2021	74.3893	8.7270	7.8344	0.0144	0.8349	0.4498	1.2428	0.4356	0.4138	0.8247	0.0000	1,413.0395	1,413.0395	0.3744	0.0000	1,422.3994
Maximum	74.3893	8.7270	7.8344	0.0144	0.8349	0.4498	1.2428	0.4356	0.4138	0.8247	0.0000	1,413.0395	1,413.0395	0.3744	0.0000	1,422.3994

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					
2021	74.3893	8.7270	7.8344	0.0144	0.8349	0.4498	1.2428	0.4356	0.4138	0.8247	0.0000	1,413.0394	1,413.0394	0.3744	0.0000	1,422.3994
Maximum	74.3893	8.7270	7.8344	0.0144	0.8349	0.4498	1.2428	0.4356	0.4138	0.8247	0.0000	1,413.0394	1,413.0394	0.3744	0.0000	1,422.3994

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/14/2021	5	10	
2	Site Preparation	Site Preparation	1/15/2021	1/15/2021	5	1	
3	Grading	Grading	1/16/2021	1/19/2021	5	2	
4	Building Construction	Building Construction	1/20/2021	6/8/2021	5	100	
5	Paving	Paving	6/9/2021	6/15/2021	5	5	
6	Architectural Coating	Architectural Coating	6/16/2021	6/22/2021	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 60,000; Non-Residential Outdoor: 20,000; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42

Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	13.00	7.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797

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	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003			81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003			81.5022

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	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138			1,152.7797
Total	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138			1,152.7797

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	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328		942.5842	942.5842	0.3049		950.2055

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	0.0173	0.0112	0.1326	4.1000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		40.7220	40.7220	1.1600e-003		40.7511
Total	0.0173	0.0112	0.1326	4.1000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		40.7220	40.7220	1.1600e-003		40.7511

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328	0.0000	942.5842	942.5842	0.3049		950.2055

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	0.0173	0.0112	0.1326	4.1000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		40.7220	40.7220	1.1600e-003			40.7511
Total	0.0173	0.0112	0.1326	4.1000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		40.7220	40.7220	1.1600e-003			40.7511

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000				0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138			1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.7528	0.4073	1.1601	0.4138	0.3886	0.8024		1,147.4338	1,147.4338	0.2138			1,152.7797

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	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022

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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.7528	0.4073	1.1601	0.4138	0.3886	0.8024	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797

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	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

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	0.0212	0.7128	0.1817	1.9000e-003	0.0474	1.5000e-003	0.0489	0.0136	1.4300e-003	0.0151		203.9464	203.9464	0.0146			204.3107
Worker	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003			105.9529
Total	0.0661	0.7420	0.5265	2.9600e-003	0.1542	2.2400e-003	0.1564	0.0420	2.1100e-003	0.0441		309.8237	309.8237	0.0176			310.2635

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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568			1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568			1,112.1358

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	0.0212	0.7128	0.1817	1.9000e-003	0.0474	1.5000e-003	0.0489	0.0136	1.4300e-003	0.0151		203.9464	203.9464	0.0146			204.3107
Worker	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003			105.9529
Total	0.0661	0.7420	0.5265	2.9600e-003	0.1542	2.2400e-003	0.1564	0.0420	2.1100e-003	0.0441		309.8237	309.8237	0.0176			310.2635

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016			1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016			1,042.8818

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	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

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	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	74.1600					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	74.3789	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004			24.4507
Total	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004			24.4507

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	74.1600					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.9309
Total	74.3789	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.9309

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	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507
Total	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507

Alpine CPU Construction - General Office - San Diego County, Winter

Alpine CPU Construction - General Office
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	40.00	1000sqft	0.92	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only

Land Use -

Architectural Coating - Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00

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					
2021	74.3907	8.7287	7.8184	0.0142	0.8349	0.4498	1.2428	0.4356	0.4139	0.8247	0.0000	1,401.2805	1,401.2805	0.3751	0.0000	1,410.6588
Maximum	74.3907	8.7287	7.8184	0.0142	0.8349	0.4498	1.2428	0.4356	0.4139	0.8247	0.0000	1,401.2805	1,401.2805	0.3751	0.0000	1,410.6588

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					
2021	74.3907	8.7287	7.8184	0.0142	0.8349	0.4498	1.2428	0.4356	0.4139	0.8247	0.0000	1,401.2805	1,401.2805	0.3751	0.0000	1,410.6588
Maximum	74.3907	8.7287	7.8184	0.0142	0.8349	0.4498	1.2428	0.4356	0.4139	0.8247	0.0000	1,401.2805	1,401.2805	0.3751	0.0000	1,410.6588

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/14/2021	5	10	
2	Site Preparation	Site Preparation	1/15/2021	1/15/2021	5	1	
3	Grading	Grading	1/16/2021	1/19/2021	5	2	
4	Building Construction	Building Construction	1/20/2021	6/8/2021	5	100	
5	Paving	Paving	6/9/2021	6/15/2021	5	5	
6	Architectural Coating	Architectural Coating	6/16/2021	6/22/2021	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 60,000; Non-Residential Outdoor: 20,000; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56

Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	13.00	7.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797

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	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097

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	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797

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	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328		942.5842	942.5842	0.3049		950.2055

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	0.0196	0.0126	0.1247	3.8000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		38.2274	38.2274	1.1000e-003		38.2548
Total	0.0196	0.0126	0.1247	3.8000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		38.2274	38.2274	1.1000e-003		38.2548

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328	0.0000	942.5842	942.5842	0.3049		950.2055

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	0.0196	0.0126	0.1247	3.8000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		38.2274	38.2274	1.1000e-003			38.2548
Total	0.0196	0.0126	0.1247	3.8000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		38.2274	38.2274	1.1000e-003			38.2548

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000				0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138			1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.7528	0.4073	1.1601	0.4138	0.3886	0.8024		1,147.4338	1,147.4338	0.2138			1,152.7797

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	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097

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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.7528	0.4073	1.1601	0.4138	0.3886	0.8024	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797

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	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

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	0.0223	0.7109	0.2023	1.8500e-003	0.0474	1.5600e-003	0.0489	0.0136	1.4900e-003	0.0151		198.6735	198.6735	0.0155		199.0604
Worker	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626
Total	0.0733	0.7437	0.5264	2.8500e-003	0.1542	2.3000e-003	0.1565	0.0420	2.1700e-003	0.0441		298.0647	298.0647	0.0183		298.5230

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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

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	0.0223	0.7109	0.2023	1.8500e-003	0.0474	1.5600e-003	0.0489	0.0136	1.4900e-003	0.0151		198.6735	198.6735	0.0155			199.0604
Worker	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003			99.4626
Total	0.0733	0.7437	0.5264	2.8500e-003	0.1542	2.3000e-003	0.1565	0.0420	2.1700e-003	0.0441		298.0647	298.0647	0.0183			298.5230

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016			1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016			1,042.8818

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	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

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	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	74.1600					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	74.3789	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529
Total	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529

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	74.1600					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	74.3789	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

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	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529
Total	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529

Alpine CPU Construction - Multi Family - San Diego County, Annual

Alpine CPU Construction - Multi Family
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	90.00	Dwelling Unit	5.63	90,000.00	257

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction model run only

Land Use -

Construction Phase - Adjusted schedule

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Architectural Coating - Rule 67.0.1

Construction Off-road Equipment Mitigation - No construction mitigation applied

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	10.00	8.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	230.00	187.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	PhaseEndDate	1/28/2021	1/22/2021
tblConstructionPhase	PhaseEndDate	2/11/2021	2/3/2021
tblConstructionPhase	PhaseEndDate	3/11/2021	2/25/2021
tblConstructionPhase	PhaseEndDate	1/27/2022	11/12/2021
tblConstructionPhase	PhaseEndDate	2/24/2022	12/6/2021
tblConstructionPhase	PhaseEndDate	3/24/2022	12/28/2021
tblConstructionPhase	PhaseStartDate	1/29/2021	1/25/2021
tblConstructionPhase	PhaseStartDate	2/12/2021	2/4/2021
tblConstructionPhase	PhaseStartDate	3/12/2021	2/25/2021
tblConstructionPhase	PhaseStartDate	1/28/2022	11/15/2021
tblConstructionPhase	PhaseStartDate	2/25/2022	12/7/2021
tblGrading	AcresOfGrading	8.00	10.00

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.8378	2.4694	2.2564	4.1900e-003	0.1850	0.1263	0.3112	0.0827	0.1181	0.2008	0.0000	366.8338	366.8338	0.0794	0.0000	368.8197
Maximum	0.8378	2.4694	2.2564	4.1900e-003	0.1850	0.1263	0.3112	0.0827	0.1181	0.2008	0.0000	366.8338	366.8338	0.0794	0.0000	368.8197

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	tons/yr										MT/yr					
2021	0.8378	2.4694	2.2564	4.1900e-003	0.1850	0.1263	0.3112	0.0827	0.1181	0.2008	0.0000	366.8335	366.8335	0.0794	0.0000	368.8194
Maximum	0.8378	2.4694	2.2564	4.1900e-003	0.1850	0.1263	0.3112	0.0827	0.1181	0.2008	0.0000	366.8335	366.8335	0.0794	0.0000	368.8194

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	0.9047	0.9047
2	4-1-2021	6-30-2021	0.6745	0.6745
3	7-1-2021	9-30-2021	0.6819	0.6819
		Highest	0.9047	0.9047

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/22/2021	5	16	
2	Site Preparation	Site Preparation	1/25/2021	2/3/2021	5	8	
3	Grading	Grading	2/4/2021	2/25/2021	5	16	
4	Building Construction	Building Construction	2/25/2021	11/12/2021	5	187	
5	Paving	Paving	11/15/2021	12/6/2021	5	16	
6	Architectural Coating	Architectural Coating	12/7/2021	12/28/2021	5	16	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 182,250; Residential Outdoor: 60,750; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37

Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	65.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0253	0.2515	0.1725	3.1000e-004		0.0124	0.0124		0.0115	0.0115	0.0000	27.2006	27.2006	7.6600e-003	0.0000	27.3920
Total	0.0253	0.2515	0.1725	3.1000e-004		0.0124	0.0124		0.0115	0.0115	0.0000	27.2006	27.2006	7.6600e-003	0.0000	27.3920

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412
Total	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412

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	tons/yr										MT/yr					
Off-Road	0.0253	0.2515	0.1725	3.1000e-004		0.0124	0.0124		0.0115	0.0115	0.0000	27.2006	27.2006	7.6600e-003	0.0000	27.3920
Total	0.0253	0.2515	0.1725	3.1000e-004		0.0124	0.0124		0.0115	0.0115	0.0000	27.2006	27.2006	7.6600e-003	0.0000	27.3920

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412
Total	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0723	0.0000	0.0723	0.0397	0.0000	0.0397	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0156	0.1620	0.0846	1.5000e-004		8.1800e-003	8.1800e-003		7.5200e-003	7.5200e-003	0.0000	13.3743	13.3743	4.3300e-003	0.0000	13.4824
Total	0.0156	0.1620	0.0846	1.5000e-004	0.0723	8.1800e-003	0.0805	0.0397	7.5200e-003	0.0472	0.0000	13.3743	13.3743	4.3300e-003	0.0000	13.4824

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.5000e-004	1.8000e-004	1.8000e-003	1.0000e-005	5.8000e-004	0.0000	5.8000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.5044	0.5044	1.0000e-005	0.0000	0.5047
Total	2.5000e-004	1.8000e-004	1.8000e-003	1.0000e-005	5.8000e-004	0.0000	5.8000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.5044	0.5044	1.0000e-005	0.0000	0.5047

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	tons/yr										MT/yr					
Fugitive Dust					0.0723	0.0000	0.0723	0.0397	0.0000	0.0397	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0156	0.1620	0.0846	1.5000e-004		8.1800e-003	8.1800e-003		7.5200e-003	7.5200e-003	0.0000	13.3743	13.3743	4.3300e-003	0.0000	13.4824
Total	0.0156	0.1620	0.0846	1.5000e-004	0.0723	8.1800e-003	0.0805	0.0397	7.5200e-003	0.0472	0.0000	13.3743	13.3743	4.3300e-003	0.0000	13.4824

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.5000e-004	1.8000e-004	1.8000e-003	1.0000e-005	5.8000e-004	0.0000	5.8000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.5044	0.5044	1.0000e-005	0.0000	0.5047
Total	2.5000e-004	1.8000e-004	1.8000e-003	1.0000e-005	5.8000e-004	0.0000	5.8000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.5044	0.5044	1.0000e-005	0.0000	0.5047

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0535	0.0000	0.0535	0.0271	0.0000	0.0271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0183	0.1979	0.1269	2.4000e-004		9.2800e-003	9.2800e-003		8.5400e-003	8.5400e-003	0.0000	20.8430	20.8430	6.7400e-003	0.0000	21.0115
Total	0.0183	0.1979	0.1269	2.4000e-004	0.0535	9.2800e-003	0.0628	0.0271	8.5400e-003	0.0356	0.0000	20.8430	20.8430	6.7400e-003	0.0000	21.0115

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412
Total	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412

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	tons/yr										MT/yr					
Fugitive Dust					0.0535	0.0000	0.0535	0.0271	0.0000	0.0271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0183	0.1979	0.1269	2.4000e-004		9.2800e-003	9.2800e-003		8.5400e-003	8.5400e-003	0.0000	20.8429	20.8429	6.7400e-003	0.0000	21.0115
Total	0.0183	0.1979	0.1269	2.4000e-004	0.0535	9.2800e-003	0.0628	0.0271	8.5400e-003	0.0356	0.0000	20.8429	20.8429	6.7400e-003	0.0000	21.0115

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412
Total	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6299	1.5498	2.5200e-003		0.0896	0.0896		0.0843	0.0843	0.0000	216.5809	216.5809	0.0523	0.0000	217.8871
Total	0.1777	1.6299	1.5498	2.5200e-003		0.0896	0.0896		0.0843	0.0843	0.0000	216.5809	216.5809	0.0523	0.0000	217.8871

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	2.8900e-003	0.0961	0.0256	2.5000e-004	6.2100e-003	2.0000e-004	6.4100e-003	1.7900e-003	1.9000e-004	1.9900e-003	0.0000	24.4446	24.4446	1.8100e-003	0.0000	24.4900
Worker	0.0211	0.0151	0.1518	4.7000e-004	0.0487	3.4000e-004	0.0491	0.0130	3.2000e-004	0.0133	0.0000	42.5743	42.5743	1.2200e-003	0.0000	42.6048
Total	0.0240	0.1112	0.1775	7.2000e-004	0.0550	5.4000e-004	0.0555	0.0147	5.1000e-004	0.0153	0.0000	67.0189	67.0189	3.0300e-003	0.0000	67.0948

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	tons/yr										MT/yr					
Off-Road	0.1777	1.6299	1.5498	2.5200e-003		0.0896	0.0896		0.0843	0.0843	0.0000	216.5806	216.5806	0.0523	0.0000	217.8869
Total	0.1777	1.6299	1.5498	2.5200e-003		0.0896	0.0896		0.0843	0.0843	0.0000	216.5806	216.5806	0.0523	0.0000	217.8869

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	2.8900e-003	0.0961	0.0256	2.5000e-004	6.2100e-003	2.0000e-004	6.4100e-003	1.7900e-003	1.9000e-004	1.9900e-003	0.0000	24.4446	24.4446	1.8100e-003	0.0000	24.4900
Worker	0.0211	0.0151	0.1518	4.7000e-004	0.0487	3.4000e-004	0.0491	0.0130	3.2000e-004	0.0133	0.0000	42.5743	42.5743	1.2200e-003	0.0000	42.6048
Total	0.0240	0.1112	0.1775	7.2000e-004	0.0550	5.4000e-004	0.0555	0.0147	5.1000e-004	0.0153	0.0000	67.0189	67.0189	3.0300e-003	0.0000	67.0948

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0100	0.1034	0.1172	1.8000e-004		5.4200e-003	5.4200e-003		4.9900e-003	4.9900e-003	0.0000	16.0188	16.0188	5.1800e-003	0.0000	16.1483
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0100	0.1034	0.1172	1.8000e-004		5.4200e-003	5.4200e-003		4.9900e-003	4.9900e-003	0.0000	16.0188	16.0188	5.1800e-003	0.0000	16.1483

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412
Total	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412

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	tons/yr										MT/yr					
Off-Road	0.0100	0.1034	0.1172	1.8000e-004		5.4200e-003	5.4200e-003		4.9900e-003	4.9900e-003	0.0000	16.0188	16.0188	5.1800e-003	0.0000	16.1483
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0100	0.1034	0.1172	1.8000e-004		5.4200e-003	5.4200e-003		4.9900e-003	4.9900e-003	0.0000	16.0188	16.0188	5.1800e-003	0.0000	16.1483

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412
Total	4.2000e-004	3.0000e-004	3.0000e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8406	0.8406	2.0000e-005	0.0000	0.8412

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5632					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7500e-003	0.0122	0.0145	2.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	2.0426	2.0426	1.4000e-004	0.0000	2.0461
Total	0.5649	0.0122	0.0145	2.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	2.0426	2.0426	1.4000e-004	0.0000	2.0461

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.6000e-004	2.6000e-004	2.6000e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7285	0.7285	2.0000e-005	0.0000	0.7291
Total	3.6000e-004	2.6000e-004	2.6000e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7285	0.7285	2.0000e-005	0.0000	0.7291

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	tons/yr										MT/yr					
Archit. Coating	0.5632					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7500e-003	0.0122	0.0145	2.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	2.0426	2.0426	1.4000e-004	0.0000	2.0461
Total	0.5649	0.0122	0.0145	2.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	2.0426	2.0426	1.4000e-004	0.0000	2.0461

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.6000e-004	2.6000e-004	2.6000e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7285	0.7285	2.0000e-005	0.0000	0.7291
Total	3.6000e-004	2.6000e-004	2.6000e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7285	0.7285	2.0000e-005	0.0000	0.7291

Alpine CPU Construction - Multi Family - San Diego County, Summer

Alpine CPU Construction - Multi Family
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	90.00	Dwelling Unit	5.63	90,000.00	257

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction model run only

Land Use -

Construction Phase - Adjusted schedule

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Architectural Coating - Rule 67.0.1

Construction Off-road Equipment Mitigation - No construction mitigation applied

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	10.00	8.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	230.00	187.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	PhaseEndDate	1/28/2021	1/22/2021
tblConstructionPhase	PhaseEndDate	2/11/2021	2/3/2021
tblConstructionPhase	PhaseEndDate	3/11/2021	2/25/2021
tblConstructionPhase	PhaseEndDate	1/27/2022	11/12/2021
tblConstructionPhase	PhaseEndDate	2/24/2022	12/6/2021
tblConstructionPhase	PhaseEndDate	3/24/2022	12/28/2021
tblConstructionPhase	PhaseStartDate	1/29/2021	1/25/2021
tblConstructionPhase	PhaseStartDate	2/12/2021	2/4/2021
tblConstructionPhase	PhaseStartDate	3/12/2021	2/25/2021
tblConstructionPhase	PhaseStartDate	1/28/2022	11/15/2021
tblConstructionPhase	PhaseStartDate	2/25/2022	12/7/2021
tblGrading	AcresOfGrading	8.00	10.00

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					
2021	70.6579	43.3669	34.8141	0.0658	18.2141	2.1252	20.2596	9.9699	1.9746	11.8517	0.0000	6,368.1971	6,368.1971	1.5843	0.0000	6,407.8037
Maximum	70.6579	43.3669	34.8141	0.0658	18.2141	2.1252	20.2596	9.9699	1.9746	11.8517	0.0000	6,368.1971	6,368.1971	1.5843	0.0000	6,407.8037

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					
2021	70.6579	43.3669	34.8141	0.0658	18.2141	2.1252	20.2596	9.9699	1.9746	11.8517	0.0000	6,368.1971	6,368.1971	1.5843	0.0000	6,407.8037
Maximum	70.6579	43.3669	34.8141	0.0658	18.2141	2.1252	20.2596	9.9699	1.9746	11.8517	0.0000	6,368.1971	6,368.1971	1.5843	0.0000	6,407.8037

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/22/2021	5	16	

2	Site Preparation	Site Preparation	1/25/2021	2/3/2021	5	8
3	Grading	Grading	2/4/2021	2/25/2021	5	16
4	Building Construction	Building Construction	2/25/2021	11/12/2021	5	187
5	Paving	Paving	11/15/2021	12/6/2021	5	16
6	Architectural Coating	Architectural Coating	12/7/2021	12/28/2021	5	16

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 182,250; Residential Outdoor: 60,750; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

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

Architectural Coating	Air Compressors	1	6.00	78	0.48
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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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	65.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6849	0.0000	6.6849	3.3818	0.0000	3.3818			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.6849	1.1599	7.8448	3.3818	1.0671	4.4489		2,871.9285	2,871.9285	0.9288		2,895.1495

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6849	0.0000	6.6849	3.3818	0.0000	3.3818			0.0000			0.0000

Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.6849	1.1599	7.8448	3.3818	1.0671	4.4489	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.5 Building Construction - 2021

Unmitigated Construction On-Site

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

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	0.0302	1.0183	0.2595	2.7100e-003	0.0677	2.1400e-003	0.0698	0.0195	2.0500e-003	0.0215		291.3520	291.3520	0.0208			291.8724
Worker	0.2248	0.1461	1.7241	5.3100e-003	0.5340	3.6900e-003	0.5377	0.1416	3.4000e-003	0.1450		529.3866	529.3866	0.0151			529.7643
Total	0.2551	1.1644	1.9836	8.0200e-003	0.6017	5.8300e-003	0.6075	0.1611	5.4500e-003	0.1666		820.7385	820.7385	0.0359			821.6367

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160			2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160			2,568.7643

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
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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	0.0000	0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	0.0677	2.1400e-003	0.0698	0.0195	2.0500e-003	0.0215	291.3520	291.3520	0.0208	291.8724		
Worker	0.2248	0.1461	1.7241	5.3100e-003	0.5340	3.6900e-003	0.5377	0.1416	3.4000e-003	0.1450	529.3866	529.3866	0.0151	529.7643		
Total	0.2551	1.1644	1.9836	8.0200e-003	0.6017	5.8300e-003	0.6075	0.1611	5.4500e-003	0.1666	820.7385	820.7385	0.0359	821.6367		

3.6 Paving - 2021

Unmitigated Construction On-Site

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

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

Mitigated Construction On-Site

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

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	70.3941					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	70.6130	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529
Total	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529

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
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Category	lb/day									lb/day						
Archit. Coating	70.3941					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	70.6130	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

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	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529
Total	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529

Alpine CPU Construction - Multi Family - San Diego County, Winter

**Alpine CPU Construction - Multi Family
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	90.00	Dwelling Unit	5.63	90,000.00	257

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction model run only

Land Use -

Construction Phase - Adjusted schedule

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Architectural Coating - Rule 67.0.1

Construction Off-road Equipment Mitigation - No construction mitigation applied

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	10.00	8.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	230.00	187.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	PhaseEndDate	1/28/2021	1/22/2021
tblConstructionPhase	PhaseEndDate	2/11/2021	2/3/2021
tblConstructionPhase	PhaseEndDate	3/11/2021	2/25/2021
tblConstructionPhase	PhaseEndDate	1/27/2022	11/12/2021
tblConstructionPhase	PhaseEndDate	2/24/2022	12/6/2021
tblConstructionPhase	PhaseEndDate	3/24/2022	12/28/2021
tblConstructionPhase	PhaseStartDate	1/29/2021	1/25/2021
tblConstructionPhase	PhaseStartDate	2/12/2021	2/4/2021
tblConstructionPhase	PhaseStartDate	3/12/2021	2/25/2021
tblConstructionPhase	PhaseStartDate	1/28/2022	11/15/2021
tblConstructionPhase	PhaseStartDate	2/25/2022	12/7/2021
tblGrading	AcresOfGrading	8.00	10.00

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					
2021	70.6640	43.3862	34.7162	0.0653	18.2141	2.1253	20.2596	9.9699	1.9747	11.8517	0.0000	6,320.7498	6,320.7498	1.5845	0.0000	6,360.3632
Maximum	70.6640	43.3862	34.7162	0.0653	18.2141	2.1253	20.2596	9.9699	1.9747	11.8517	0.0000	6,320.7498	6,320.7498	1.5845	0.0000	6,360.3632

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					
2021	70.6640	43.3862	34.7162	0.0653	18.2141	2.1253	20.2596	9.9699	1.9747	11.8517	0.0000	6,320.7498	6,320.7498	1.5845	0.0000	6,360.3632
Maximum	70.6640	43.3862	34.7162	0.0653	18.2141	2.1253	20.2596	9.9699	1.9747	11.8517	0.0000	6,320.7498	6,320.7498	1.5845	0.0000	6,360.3632

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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
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Category	lb/day										lb/day					
Area	140.6575	2.7755	177.4527	0.3084		23.8794	23.8794		23.8794	23.8794	2,499.4558	1,061.6050	3,561.0608	2.3195	0.1966	3,677.6349
Energy	0.0299	0.2551	0.1086	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.6387	325.6387	6.2400e-003	5.9700e-003	327.5738
Mobile	1.0339	4.5031	12.3215	0.0426	3.9014	0.0361	3.9375	1.0427	0.0337	1.0764		4,332.6607	4,332.6607	0.2293		4,338.3939
Total	141.7212	7.5337	189.8827	0.3527	3.9014	23.9362	27.8376	1.0427	23.9338	24.9765	2,499.4558	5,719.9044	8,219.3602	2.5551	0.2026	8,343.6026

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	140.6575	2.7755	177.4527	0.3084		23.8794	23.8794		23.8794	23.8794	2,499.4558	1,061.6050	3,561.0608	2.3195	0.1966	3,677.6349
Energy	0.0299	0.2551	0.1086	1.6300e-003		0.0206	0.0206		0.0206	0.0206		325.6387	325.6387	6.2400e-003	5.9700e-003	327.5738
Mobile	1.0339	4.5031	12.3215	0.0426	3.9014	0.0361	3.9375	1.0427	0.0337	1.0764		4,332.6607	4,332.6607	0.2293		4,338.3939
Total	141.7212	7.5337	189.8827	0.3527	3.9014	23.9362	27.8376	1.0427	23.9338	24.9765	2,499.4558	5,719.9044	8,219.3602	2.5551	0.2026	8,343.6026

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/22/2021	5	16	

2	Site Preparation	Site Preparation	1/25/2021	2/3/2021	5	8
3	Grading	Grading	2/4/2021	2/25/2021	5	16
4	Building Construction	Building Construction	2/25/2021	11/12/2021	5	187
5	Paving	Paving	11/15/2021	12/6/2021	5	16
6	Architectural Coating	Architectural Coating	12/7/2021	12/28/2021	5	16

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 182,250; Residential Outdoor: 60,750; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

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

Architectural Coating	Air Compressors	1	6.00	78	0.48
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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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	65.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6849	0.0000	6.6849	3.3818	0.0000	3.3818			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.6849	1.1599	7.8448	3.3818	1.0671	4.4489		2,871.9285	2,871.9285	0.9288		2,895.1495

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6849	0.0000	6.6849	3.3818	0.0000	3.3818			0.0000			0.0000

Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.6849	1.1599	7.8448	3.3818	1.0671	4.4489	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.5 Building Construction - 2021

Unmitigated Construction On-Site

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

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	0.0319	1.0156	0.2890	2.6400e-003	0.0677	2.2300e-003	0.0699	0.0195	2.1300e-003	0.0216		283.8193	283.8193	0.0221			284.3721
Worker	0.2550	0.1640	1.6206	4.9900e-003	0.5340	3.6900e-003	0.5377	0.1416	3.4000e-003	0.1450		496.9559	496.9559	0.0143			497.3129
Total	0.2868	1.1796	1.9096	7.6300e-003	0.6017	5.9200e-003	0.6076	0.1611	5.5300e-003	0.1667		780.7752	780.7752	0.0364			781.6849

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160			2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160			2,568.7643

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
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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	0.0000	0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	0.0677	2.2300e-003	0.0699	0.0195	2.1300e-003	0.0216	283.8193	283.8193	0.0221	284.3721		
Worker	0.2550	0.1640	1.6206	4.9900e-003	0.5340	3.6900e-003	0.5377	0.1416	3.4000e-003	0.1450	496.9559	496.9559	0.0143	497.3129		
Total	0.2868	1.1796	1.9096	7.6300e-003	0.6017	5.9200e-003	0.6076	0.1611	5.5300e-003	0.1667	780.7752	780.7752	0.0364	781.6849		

3.6 Paving - 2021

Unmitigated Construction On-Site

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

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

Mitigated Construction On-Site

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

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	70.3941					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	70.6130	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626
Total	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626

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
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Category	lb/day									lb/day						
Archit. Coating	70.3941					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	70.6130	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

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	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626
Total	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626

Alpine CPU Construction - Regional Shopping Center - San Diego County, Annual

**Alpine CPU Construction - Regional Shopping Center
San Diego County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	40.00	1000sqft	0.92	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only

Land Use -

Architectural Coating - Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.2353	0.5052	0.4616	8.3000e-004	9.4800e-003	0.0262	0.0357	2.7400e-003	0.0242	0.0270	0.0000	74.2100	74.2100	0.0191	0.0000	74.6862
Maximum	0.2353	0.5052	0.4616	8.3000e-004	9.4800e-003	0.0262	0.0357	2.7400e-003	0.0242	0.0270	0.0000	74.2100	74.2100	0.0191	0.0000	74.6862

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	tons/yr										MT/yr					
2021	0.2353	0.5052	0.4616	8.3000e-004	9.4800e-003	0.0262	0.0357	2.7400e-003	0.0242	0.0270	0.0000	74.2099	74.2099	0.0191	0.0000	74.6861
Maximum	0.2353	0.5052	0.4616	8.3000e-004	9.4800e-003	0.0262	0.0357	2.7400e-003	0.0242	0.0270	0.0000	74.2099	74.2099	0.0191	0.0000	74.6861

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	0.2980	0.2980

2	4-1-2021	6-30-2021	0.4444	0.4444
		Highest	0.4444	0.4444

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/14/2021	5	10	
2	Site Preparation	Site Preparation	1/15/2021	1/15/2021	5	1	
3	Grading	Grading	1/16/2021	1/19/2021	5	2	
4	Building Construction	Building Construction	1/20/2021	6/8/2021	5	100	
5	Paving	Paving	6/9/2021	6/15/2021	5	5	
6	Architectural Coating	Architectural Coating	6/16/2021	6/22/2021	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 60,000; Non-Residential Outdoor: 20,000; Striped Parking Area: 0

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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38

Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	13.00	7.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289
Total	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7000e-004	1.2000e-004	1.2500e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3503	0.3503	1.0000e-005	0.0000	0.3505
Total	1.7000e-004	1.2000e-004	1.2500e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3503	0.3503	1.0000e-005	0.0000	0.3505

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	tons/yr										MT/yr					
Off-Road	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289
Total	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7000e-004	1.2000e-004	1.2500e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3503	0.3503	1.0000e-005	0.0000	0.3505
Total	1.7000e-004	1.2000e-004	1.2500e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3503	0.3503	1.0000e-005	0.0000	0.3505

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
Total	3.2000e-004	3.9100e-003	2.0100e-003	0.0000	2.7000e-004	1.5000e-004	4.2000e-004	3.0000e-005	1.4000e-004	1.7000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310

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	tons/yr										MT/yr					

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	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	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0175	0.0175	0.0000	0.0000	0.0175
Total	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0175	0.0175	0.0000	0.0000	0.0175

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	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
Total	3.2000e-004	3.9100e-003	2.0100e-003	0.0000	2.7000e-004	1.5000e-004	4.2000e-004	3.0000e-005	1.4000e-004	1.7000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0175	0.0175	0.0000	0.0000	0.0175

Total	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0175	0.0175	0.0000	0.0000	0.0175
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3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005		4.1000e-004	4.1000e-004		3.9000e-004	3.9000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458
Total	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005	7.5000e-004	4.1000e-004	1.1600e-003	4.1000e-004	3.9000e-004	8.0000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701
Total	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701

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	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005		4.1000e-004	4.1000e-004		3.9000e-004	3.9000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458
Total	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005	7.5000e-004	4.1000e-004	1.1600e-003	4.1000e-004	3.9000e-004	8.0000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701
Total	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456
Total	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	1.0800e-003	0.0360	9.5900e-003	9.0000e-005	2.3200e-003	8.0000e-005	2.4000e-003	6.7000e-004	7.0000e-005	7.4000e-004	0.0000	9.1504	9.1504	6.8000e-004	0.0000	9.1674
Worker	2.2600e-003	1.6100e-003	0.0162	5.0000e-005	5.2100e-003	4.0000e-005	5.2500e-003	1.3900e-003	3.0000e-005	1.4200e-003	0.0000	4.5534	4.5534	1.3000e-004	0.0000	4.5567
Total	3.3400e-003	0.0376	0.0258	1.4000e-004	7.5300e-003	1.2000e-004	7.6500e-003	2.0600e-003	1.0000e-004	2.1600e-003	0.0000	13.7038	13.7038	8.1000e-004	0.0000	13.7240

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	tons/yr										MT/yr					
Off-Road	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456
Total	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	1.0800e-003	0.0360	9.5900e-003	9.0000e-005	2.3200e-003	8.0000e-005	2.4000e-003	6.7000e-004	7.0000e-005	7.4000e-004	0.0000	9.1504	9.1504	6.8000e-004	0.0000	9.1674
Worker	2.2600e-003	1.6100e-003	0.0162	5.0000e-005	5.2100e-003	4.0000e-005	5.2500e-003	1.3900e-003	3.0000e-005	1.4200e-003	0.0000	4.5534	4.5534	1.3000e-004	0.0000	4.5567
Total	3.3400e-003	0.0376	0.0258	1.4000e-004	7.5300e-003	1.2000e-004	7.6500e-003	2.0600e-003	1.0000e-004	2.1600e-003	0.0000	13.7038	13.7038	8.1000e-004	0.0000	13.7240

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.1200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3152	0.3152	1.0000e-005	0.0000	0.3155
Total	1.6000e-004	1.1000e-004	1.1200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3152	0.3152	1.0000e-005	0.0000	0.3155

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	tons/yr										MT/yr					
Off-Road	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.1200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3152	0.3152	1.0000e-005	0.0000	0.3155
Total	1.6000e-004	1.1000e-004	1.1200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3152	0.3152	1.0000e-005	0.0000	0.3155

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1854					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	0.1860	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0525	0.0525	0.0000	0.0000	0.0526
Total	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0525	0.0525	0.0000	0.0000	0.0526

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	tons/yr										MT/yr					
Archit. Coating	0.1854					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	0.1860	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0525	0.0525	0.0000	0.0000	0.0526
Total	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0525	0.0525	0.0000	0.0000	0.0526

Alpine CPU Construction - Regional Shopping Center - San Diego County, Summer

**Alpine CPU Construction - Regional Shopping Center
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	40.00	1000sqft	0.92	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only

Land Use -

Architectural Coating - Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00

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					
2021	74.3893	8.7270	7.8344	0.0144	0.8349	0.4498	1.2428	0.4356	0.4138	0.8247	0.0000	1,413.0395	1,413.0395	0.3744	0.0000	1,422.3994
Maximum	74.3893	8.7270	7.8344	0.0144	0.8349	0.4498	1.2428	0.4356	0.4138	0.8247	0.0000	1,413.0395	1,413.0395	0.3744	0.0000	1,422.3994

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					
2021	74.3893	8.7270	7.8344	0.0144	0.8349	0.4498	1.2428	0.4356	0.4138	0.8247	0.0000	1,413.0394	1,413.0394	0.3744	0.0000	1,422.3994
Maximum	74.3893	8.7270	7.8344	0.0144	0.8349	0.4498	1.2428	0.4356	0.4138	0.8247	0.0000	1,413.0394	1,413.0394	0.3744	0.0000	1,422.3994

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/14/2021	5	10	
2	Site Preparation	Site Preparation	1/15/2021	1/15/2021	5	1	
3	Grading	Grading	1/16/2021	1/19/2021	5	2	
4	Building Construction	Building Construction	1/20/2021	6/8/2021	5	100	
5	Paving	Paving	6/9/2021	6/15/2021	5	5	
6	Architectural Coating	Architectural Coating	6/16/2021	6/22/2021	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 60,000; Non-Residential Outdoor: 20,000; Striped Parking Area: 0

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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	13.00	7.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797

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	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003			81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003			81.5022

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	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138			1,152.7797
Total	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138			1,152.7797

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	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328		942.5842	942.5842	0.3049		950.2055

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	0.0173	0.0112	0.1326	4.1000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		40.7220	40.7220	1.1600e-003		40.7511
Total	0.0173	0.0112	0.1326	4.1000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		40.7220	40.7220	1.1600e-003		40.7511

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328	0.0000	942.5842	942.5842	0.3049		950.2055

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	0.0173	0.0112	0.1326	4.1000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		40.7220	40.7220	1.1600e-003		40.7511
Total	0.0173	0.0112	0.1326	4.1000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		40.7220	40.7220	1.1600e-003		40.7511

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.7528	0.4073	1.1601	0.4138	0.3886	0.8024		1,147.4338	1,147.4338	0.2138		1,152.7797

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	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022

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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.7528	0.4073	1.1601	0.4138	0.3886	0.8024	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797

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	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
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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	0.0212	0.7128	0.1817	1.9000e-003	0.0474	1.5000e-003	0.0489	0.0136	1.4300e-003	0.0151		203.9464	203.9464	0.0146		204.3107
Worker	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529
Total	0.0661	0.7420	0.5265	2.9600e-003	0.1542	2.2400e-003	0.1564	0.0420	2.1100e-003	0.0441		309.8237	309.8237	0.0176		310.2635

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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

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	0.0212	0.7128	0.1817	1.9000e-003	0.0474	1.5000e-003	0.0489	0.0136	1.4300e-003	0.0151		203.9464	203.9464	0.0146		204.3107
Worker	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529
Total	0.0661	0.7420	0.5265	2.9600e-003	0.1542	2.2400e-003	0.1564	0.0420	2.1100e-003	0.0441		309.8237	309.8237	0.0176		310.2635

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818

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
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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	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	0.0000	0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

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	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	74.1600					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	74.3789	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507
Total	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507

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	74.1600					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.9309
Total	74.3789	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.9309

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	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004			24.4507
Total	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004			24.4507

Alpine CPU Construction - Regional Shopping Center - San Diego County, Winter

**Alpine CPU Construction - Regional Shopping Center
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	40.00	1000sqft	0.92	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction Only

Land Use -

Architectural Coating - Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00

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					
2021	74.3907	8.7287	7.8184	0.0142	0.8349	0.4498	1.2428	0.4356	0.4139	0.8247	0.0000	1,401.2805	1,401.2805	0.3751	0.0000	1,410.6588
Maximum	74.3907	8.7287	7.8184	0.0142	0.8349	0.4498	1.2428	0.4356	0.4139	0.8247	0.0000	1,401.2805	1,401.2805	0.3751	0.0000	1,410.6588

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					
2021	74.3907	8.7287	7.8184	0.0142	0.8349	0.4498	1.2428	0.4356	0.4139	0.8247	0.0000	1,401.2805	1,401.2805	0.3751	0.0000	1,410.6588
Maximum	74.3907	8.7287	7.8184	0.0142	0.8349	0.4498	1.2428	0.4356	0.4139	0.8247	0.0000	1,401.2805	1,401.2805	0.3751	0.0000	1,410.6588

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/14/2021	5	10	
2	Site Preparation	Site Preparation	1/15/2021	1/15/2021	5	1	
3	Grading	Grading	1/16/2021	1/19/2021	5	2	
4	Building Construction	Building Construction	1/20/2021	6/8/2021	5	100	
5	Paving	Paving	6/9/2021	6/15/2021	5	5	
6	Architectural Coating	Architectural Coating	6/16/2021	6/22/2021	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 60,000; Non-Residential Outdoor: 20,000; Striped Parking Area: 0

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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37

Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	13.00	7.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797

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	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097

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	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797

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
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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	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	0.0000	0.0000
Worker	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223	76.4548	76.4548	2.2000e-003	76.5097		
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223	76.4548	76.4548	2.2000e-003	76.5097		

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328		942.5842	942.5842	0.3049		950.2055

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	0.0196	0.0126	0.1247	3.8000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		38.2274	38.2274	1.1000e-003		38.2548
Total	0.0196	0.0126	0.1247	3.8000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		38.2274	38.2274	1.1000e-003		38.2548

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328	0.0000	942.5842	942.5842	0.3049		950.2055

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	0.0196	0.0126	0.1247	3.8000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		38.2274	38.2274	1.1000e-003		38.2548
Total	0.0196	0.0126	0.1247	3.8000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		38.2274	38.2274	1.1000e-003		38.2548

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000				0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138			1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.7528	0.4073	1.1601	0.4138	0.3886	0.8024		1,147.4338	1,147.4338	0.2138			1,152.7797

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	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003			76.5097
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003			76.5097

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
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Category	lb/day										lb/day				
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000		0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138	1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.7528	0.4073	1.1601	0.4138	0.3886	0.8024	0.0000	1,147.4338	1,147.4338	0.2138	1,152.7797

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	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

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	0.0223	0.7109	0.2023	1.8500e-003	0.0474	1.5600e-003	0.0489	0.0136	1.4900e-003	0.0151		198.6735	198.6735	0.0155			199.0604
Worker	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003			99.4626
Total	0.0733	0.7437	0.5264	2.8500e-003	0.1542	2.3000e-003	0.1565	0.0420	2.1700e-003	0.0441		298.0647	298.0647	0.0183			298.5230

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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568			1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568			1,112.1358

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	0.0223	0.7109	0.2023	1.8500e-003	0.0474	1.5600e-003	0.0489	0.0136	1.4900e-003	0.0151		198.6735	198.6735	0.0155		199.0604
Worker	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626
Total	0.0733	0.7437	0.5264	2.8500e-003	0.1542	2.3000e-003	0.1565	0.0420	2.1700e-003	0.0441		298.0647	298.0647	0.0183		298.5230

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818

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	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	0.0000	0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

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	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
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3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	74.1600						0.0000	0.0000		0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003			0.0941	0.0941		0.0941			281.4481	281.4481	0.0193	281.9309
Total	74.3789	1.5268	1.8176	2.9700e-003			0.0941	0.0941		0.0941			281.4481	281.4481	0.0193	281.9309

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
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
Worker	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003			22.9364	22.9364	6.6000e-004	22.9529
Total	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003			22.9364	22.9364	6.6000e-004	22.9529

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	74.1600					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.9309
Total	74.3789	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.9309

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	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004			22.9529
Total	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004			22.9529

Alpine CPU Construction - Single Family - San Diego County, Annual

Alpine CPU Construction - Single Family
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	40.00	Dwelling Unit	12.99	72,000.00	114

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction model run only

Land Use -

Construction Phase - Adjusted schedule

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Architectural Coating - Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	10.00	7.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	300.00	195.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	PhaseEndDate	1/28/2021	1/19/2021
tblConstructionPhase	PhaseEndDate	2/11/2021	1/28/2021
tblConstructionPhase	PhaseEndDate	3/25/2021	2/25/2021
tblConstructionPhase	PhaseEndDate	5/19/2022	11/25/2021
tblConstructionPhase	PhaseEndDate	6/16/2022	12/14/2021
tblConstructionPhase	PhaseEndDate	7/14/2022	12/31/2021
tblConstructionPhase	PhaseStartDate	1/29/2021	1/20/2021
tblConstructionPhase	PhaseStartDate	2/12/2021	1/29/2021
tblConstructionPhase	PhaseStartDate	3/26/2021	2/26/2021
tblConstructionPhase	PhaseStartDate	5/20/2022	11/26/2021
tblConstructionPhase	PhaseStartDate	6/17/2022	12/15/2021
tblGrading	AcresOfGrading	50.00	75.00

2.0 Emissions Summary

2.1 Overall Construction 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	tons/yr										MT/yr					
2021	0.7292	2.6483	2.3029	4.0500e-003	0.1806	0.1358	0.3164	0.0768	0.1269	0.2038	0.0000	351.9225	351.9225	0.0876	0.0000	354.1117
Maximum	0.7292	2.6483	2.3029	4.0500e-003	0.1806	0.1358	0.3164	0.0768	0.1269	0.2038	0.0000	351.9225	351.9225	0.0876	0.0000	354.1117

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	tons/yr										MT/yr					
2021	0.7292	2.6483	2.3029	4.0400e-003	0.1806	0.1358	0.3164	0.0768	0.1269	0.2038	0.0000	351.9221	351.9221	0.0876	0.0000	354.1113
Maximum	0.7292	2.6483	2.3029	4.0400e-003	0.1806	0.1358	0.3164	0.0768	0.1269	0.2038	0.0000	351.9221	351.9221	0.0876	0.0000	354.1113

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	1.1267	1.1267
2	4-1-2021	6-30-2021	0.6446	0.6446
3	7-1-2021	9-30-2021	0.6516	0.6516
		Highest	1.1267	1.1267

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/19/2021	5	13	
2	Site Preparation	Site Preparation	1/20/2021	1/28/2021	5	7	
3	Grading	Grading	1/29/2021	2/25/2021	5	20	
4	Building Construction	Building Construction	2/26/2021	11/25/2021	5	195	
5	Paving	Paving	11/26/2021	12/14/2021	5	13	
6	Architectural Coating	Architectural Coating	12/15/2021	12/31/2021	5	13	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

Residential Indoor: 145,800; Residential Outdoor: 48,600; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74

Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0206	0.2044	0.1402	2.5000e-004		0.0101	0.0101		9.3700e-003	9.3700e-003	0.0000	22.1005	22.1005	6.2200e-003	0.0000	22.2560
Total	0.0206	0.2044	0.1402	2.5000e-004		0.0101	0.0101		9.3700e-003	9.3700e-003	0.0000	22.1005	22.1005	6.2200e-003	0.0000	22.2560

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4000e-004	2.4000e-004	2.4400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6830	0.6830	2.0000e-005	0.0000	0.6835
Total	3.4000e-004	2.4000e-004	2.4400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6830	0.6830	2.0000e-005	0.0000	0.6835

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	tons/yr										MT/yr					
Off-Road	0.0206	0.2044	0.1402	2.5000e-004		0.0101	0.0101		9.3700e-003	9.3700e-003	0.0000	22.1005	22.1005	6.2200e-003	0.0000	22.2560
Total	0.0206	0.2044	0.1402	2.5000e-004		0.0101	0.0101		9.3700e-003	9.3700e-003	0.0000	22.1005	22.1005	6.2200e-003	0.0000	22.2560

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4000e-004	2.4000e-004	2.4400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6830	0.6830	2.0000e-005	0.0000	0.6835
Total	3.4000e-004	2.4000e-004	2.4400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6830	0.6830	2.0000e-005	0.0000	0.6835

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0632	0.0000	0.0632	0.0348	0.0000	0.0348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0136	0.1417	0.0740	1.3000e-004		7.1600e-003	7.1600e-003		6.5800e-003	6.5800e-003	0.0000	11.7025	11.7025	3.7800e-003	0.0000	11.7971
Total	0.0136	0.1417	0.0740	1.3000e-004	0.0632	7.1600e-003	0.0704	0.0348	6.5800e-003	0.0413	0.0000	11.7025	11.7025	3.7800e-003	0.0000	11.7971

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	tons/yr										MT/yr					

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	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	0.0000	0.0000
Worker	2.2000e-004	1.6000e-004	1.5700e-003	0.0000	5.1000e-004	0.0000	5.1000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	0.4413	0.4413	1.0000e-005	0.0000	0.4417
Total	2.2000e-004	1.6000e-004	1.5700e-003	0.0000	5.1000e-004	0.0000	5.1000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	0.4413	0.4413	1.0000e-005	0.0000	0.4417

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	tons/yr										MT/yr					
Fugitive Dust					0.0632	0.0000	0.0632	0.0348	0.0000	0.0348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0136	0.1417	0.0740	1.3000e-004		7.1600e-003	7.1600e-003		6.5800e-003	6.5800e-003	0.0000	11.7025	11.7025	3.7800e-003	0.0000	11.7971
Total	0.0136	0.1417	0.0740	1.3000e-004	0.0632	7.1600e-003	0.0704	0.0348	6.5800e-003	0.0413	0.0000	11.7025	11.7025	3.7800e-003	0.0000	11.7971

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.2000e-004	1.6000e-004	1.5700e-003	0.0000	5.1000e-004	0.0000	5.1000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	0.4413	0.4413	1.0000e-005	0.0000	0.4417

Total	2.2000e-004	1.6000e-004	1.5700e-003	0.0000	5.1000e-004	0.0000	5.1000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	0.4413	0.4413	1.0000e-005	0.0000	0.4417
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3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1000	0.0000	0.1000	0.0374	0.0000	0.0374	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0419	0.4640	0.3088	6.2000e-004		0.0199	0.0199		0.0183	0.0183	0.0000	54.4950	54.4950	0.0176	0.0000	54.9356
Total	0.0419	0.4640	0.3088	6.2000e-004	0.1000	0.0199	0.1198	0.0374	0.0183	0.0557	0.0000	54.4950	54.4950	0.0176	0.0000	54.9356

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.0000e-004	5.0000e-004	5.0000e-003	2.0000e-005	1.6000e-003	1.0000e-005	1.6200e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.4011	1.4011	4.0000e-005	0.0000	1.4021
Total	7.0000e-004	5.0000e-004	5.0000e-003	2.0000e-005	1.6000e-003	1.0000e-005	1.6200e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.4011	1.4011	4.0000e-005	0.0000	1.4021

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	tons/yr										MT/yr					
Fugitive Dust					0.1000	0.0000	0.1000	0.0374	0.0000	0.0374	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0419	0.4640	0.3088	6.2000e-004		0.0199	0.0199		0.0183	0.0183	0.0000	54.4949	54.4949	0.0176	0.0000	54.9355
Total	0.0419	0.4640	0.3088	6.2000e-004	0.1000	0.0199	0.1198	0.0374	0.0183	0.0557	0.0000	54.4949	54.4949	0.0176	0.0000	54.9355

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.0000e-004	5.0000e-004	5.0000e-003	2.0000e-005	1.6000e-003	1.0000e-005	1.6200e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.4011	1.4011	4.0000e-005	0.0000	1.4021
Total	7.0000e-004	5.0000e-004	5.0000e-003	2.0000e-005	1.6000e-003	1.0000e-005	1.6200e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.4011	1.4011	4.0000e-005	0.0000	1.4021

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road	0.1853	1.6996	1.6161	2.6200e-003		0.0935	0.0935		0.0879	0.0879	0.0000	225.8463	225.8463	0.0545	0.0000	227.2085
Total	0.1853	1.6996	1.6161	2.6200e-003		0.0935	0.0935		0.0879	0.0879	0.0000	225.8463	225.8463	0.0545	0.0000	227.2085

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	1.2100e-003	0.0401	0.0107	1.0000e-004	2.5900e-003	8.0000e-005	2.6700e-003	7.5000e-004	8.0000e-005	8.3000e-004	0.0000	10.1962	10.1962	7.6000e-004	0.0000	10.2151
Worker	4.7400e-003	3.3900e-003	0.0341	1.1000e-004	0.0110	8.0000e-005	0.0110	2.9100e-003	7.0000e-005	2.9800e-003	0.0000	9.5621	9.5621	2.7000e-004	0.0000	9.5690
Total	5.9500e-003	0.0435	0.0448	2.1000e-004	0.0135	1.6000e-004	0.0137	3.6600e-003	1.5000e-004	3.8100e-003	0.0000	19.7583	19.7583	1.0300e-003	0.0000	19.7841

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	tons/yr										MT/yr					
Off-Road	0.1853	1.6996	1.6161	2.6200e-003		0.0935	0.0935		0.0879	0.0879	0.0000	225.8461	225.8461	0.0545	0.0000	227.2082
Total	0.1853	1.6996	1.6161	2.6200e-003		0.0935	0.0935		0.0879	0.0879	0.0000	225.8461	225.8461	0.0545	0.0000	227.2082

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	1.2100e-003	0.0401	0.0107	1.0000e-004	2.5900e-003	8.0000e-005	2.6700e-003	7.5000e-004	8.0000e-005	8.3000e-004	0.0000	10.1962	10.1962	7.6000e-004	0.0000	10.2151
Worker	4.7400e-003	3.3900e-003	0.0341	1.1000e-004	0.0110	8.0000e-005	0.0110	2.9100e-003	7.0000e-005	2.9800e-003	0.0000	9.5621	9.5621	2.7000e-004	0.0000	9.5690
Total	5.9500e-003	0.0435	0.0448	2.1000e-004	0.0135	1.6000e-004	0.0137	3.6600e-003	1.5000e-004	3.8100e-003	0.0000	19.7583	19.7583	1.0300e-003	0.0000	19.7841

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.1600e-003	0.0840	0.0953	1.5000e-004		4.4100e-003	4.4100e-003		4.0500e-003	4.0500e-003	0.0000	13.0153	13.0153	4.2100e-003	0.0000	13.1205
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.1600e-003	0.0840	0.0953	1.5000e-004		4.4100e-003	4.4100e-003		4.0500e-003	4.0500e-003	0.0000	13.0153	13.0153	4.2100e-003	0.0000	13.1205

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4000e-004	2.4000e-004	2.4400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6830	0.6830	2.0000e-005	0.0000	0.6835
Total	3.4000e-004	2.4000e-004	2.4400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6830	0.6830	2.0000e-005	0.0000	0.6835

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	tons/yr										MT/yr					
Off-Road	8.1600e-003	0.0840	0.0953	1.5000e-004		4.4100e-003	4.4100e-003		4.0500e-003	4.0500e-003	0.0000	13.0153	13.0153	4.2100e-003	0.0000	13.1205
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.1600e-003	0.0840	0.0953	1.5000e-004		4.4100e-003	4.4100e-003		4.0500e-003	4.0500e-003	0.0000	13.0153	13.0153	4.2100e-003	0.0000	13.1205

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4000e-004	2.4000e-004	2.4400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6830	0.6830	2.0000e-005	0.0000	0.6835
Total	3.4000e-004	2.4000e-004	2.4400e-003	1.0000e-005	7.8000e-004	1.0000e-005	7.9000e-004	2.1000e-004	1.0000e-005	2.1000e-004	0.0000	0.6830	0.6830	2.0000e-005	0.0000	0.6835

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4505					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4200e-003	9.9200e-003	0.0118	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.6596	1.6596	1.1000e-004	0.0000	1.6625
Total	0.4519	9.9200e-003	0.0118	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.6596	1.6596	1.1000e-004	0.0000	1.6625

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1366	0.1366	0.0000	0.0000	0.1367
Total	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1366	0.1366	0.0000	0.0000	0.1367

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	tons/yr										MT/yr					
Archit. Coating	0.4505					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4200e-003	9.9200e-003	0.0118	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.6596	1.6596	1.1000e-004	0.0000	1.6625
Total	0.4519	9.9200e-003	0.0118	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.6596	1.6596	1.1000e-004	0.0000	1.6625

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1366	0.1366	0.0000	0.0000	0.1367
Total	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1366	0.1366	0.0000	0.0000	0.1367

Alpine CPU Construction - Single Family - San Diego County, Summer

**Alpine CPU Construction - Single Family
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	40.00	Dwelling Unit	12.99	72,000.00	114

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction model run only

Land Use -

Construction Phase - Adjusted schedule

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Architectural Coating - Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	300.00	195.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	10.00	7.00
tblConstructionPhase	PhaseEndDate	7/14/2022	12/31/2021
tblConstructionPhase	PhaseEndDate	5/19/2022	11/25/2021
tblConstructionPhase	PhaseEndDate	1/28/2021	1/19/2021
tblConstructionPhase	PhaseEndDate	3/25/2021	2/25/2021
tblConstructionPhase	PhaseEndDate	6/16/2022	12/14/2021
tblConstructionPhase	PhaseEndDate	2/11/2021	1/28/2021
tblConstructionPhase	PhaseStartDate	6/17/2022	12/15/2021
tblConstructionPhase	PhaseStartDate	3/26/2021	2/26/2021
tblConstructionPhase	PhaseStartDate	2/12/2021	1/29/2021
tblConstructionPhase	PhaseStartDate	5/20/2022	11/26/2021
tblConstructionPhase	PhaseStartDate	1/29/2021	1/20/2021
tblGrading	AcresOfGrading	50.00	75.00

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				
2021	69.5404	46.4448	31.4089	0.0637	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,169.9316	6,169.9316	1.9475	0.0000	6,218.6178
Maximum	69.5404	46.4448	31.4089	0.0637	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,169.9316	6,169.9316	1.9475	0.0000	6,218.6178

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				
2021	69.5404	46.4448	31.4089	0.0637	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,169.9316	6,169.9316	1.9475	0.0000	6,218.6178
Maximum	69.5404	46.4448	31.4089	0.0637	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,169.9316	6,169.9316	1.9475	0.0000	6,218.6178

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/19/2021	5	13	
2	Site Preparation	Site Preparation	1/20/2021	1/28/2021	5	7	

3	Grading	Grading	1/29/2021	2/25/2021	5	20
4	Building Construction	Building Construction	2/26/2021	11/25/2021	5	195
5	Paving	Paving	11/26/2021	12/14/2021	5	13
6	Architectural Coating	Architectural Coating	12/15/2021	12/31/2021	5	13

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

Residential Indoor: 145,800; Residential Outdoor: 48,600; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Architectural Coating	Air Compressors	1	6.00	78	0.48
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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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.9990	0.0000	9.9990	3.7396	0.0000	3.7396			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	9.9990	1.9853	11.9843	3.7396	1.8265	5.5662		6,007.0434	6,007.0434	1.9428		6,055.6134

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	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044
Total	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044

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					9.9990	0.0000	9.9990	3.7396	0.0000	3.7396			0.0000			0.0000

Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	9.9990	1.9853	11.9843	3.7396	1.8265	5.5662	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

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	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044
Total	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044

3.5 Building Construction - 2021

Unmitigated Construction On-Site

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

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	0.0121	0.4073	0.1038	1.0800e-003	0.0271	8.6000e-004	0.0279	7.8000e-003	8.2000e-004	8.6100e-003		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0484	0.0315	0.3713	1.1400e-003	0.1150	7.9000e-004	0.1158	0.0305	7.3000e-004	0.0312		114.0217	114.0217	3.2500e-003		114.1031
Total	0.0605	0.4388	0.4751	2.2200e-003	0.1421	1.6500e-003	0.1437	0.0383	1.5500e-003	0.0399		230.5625	230.5625	0.0116		230.8520

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

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
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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	0.0000	0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.0271	8.6000e-004	0.0279	7.8000e-003	8.2000e-004	8.6100e-003		116.5408	116.5408	8.3300e-003	116.7490	
Worker	0.0484	0.0315	0.3713	1.1400e-003	0.1150	7.9000e-004	0.1158	0.0305	7.3000e-004	0.0312		114.0217	114.0217	3.2500e-003	114.1031	
Total	0.0605	0.4388	0.4751	2.2200e-003	0.1421	1.6500e-003	0.1437	0.0383	1.5500e-003	0.0399		230.5625	230.5625	0.0116	230.8520	

3.6 Paving - 2021

Unmitigated Construction On-Site

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

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

Mitigated Construction On-Site

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

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	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.3111					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	69.5300	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507
Total	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507

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
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Category	lb/day									lb/day						
Archit. Coating	69.3111					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	69.5300	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

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	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507
Total	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507

Alpine CPU Construction - Single Family - San Diego County, Winter

**Alpine CPU Construction - Single Family
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	40.00	Dwelling Unit	12.99	72,000.00	114

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction model run only

Land Use -

Construction Phase - Adjusted schedule

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Architectural Coating - Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	10.00	7.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	300.00	195.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	PhaseEndDate	1/28/2021	1/19/2021
tblConstructionPhase	PhaseEndDate	2/11/2021	1/28/2021
tblConstructionPhase	PhaseEndDate	3/25/2021	2/25/2021
tblConstructionPhase	PhaseEndDate	5/19/2022	11/25/2021
tblConstructionPhase	PhaseEndDate	6/16/2022	12/14/2021
tblConstructionPhase	PhaseEndDate	7/14/2022	12/31/2021
tblConstructionPhase	PhaseStartDate	1/29/2021	1/20/2021
tblConstructionPhase	PhaseStartDate	2/12/2021	1/29/2021
tblConstructionPhase	PhaseStartDate	3/26/2021	2/26/2021
tblConstructionPhase	PhaseStartDate	5/20/2022	11/26/2021
tblConstructionPhase	PhaseStartDate	6/17/2022	12/15/2021
tblGrading	AcresOfGrading	50.00	75.00

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				
2021	69.5418	46.4503	31.3771	0.0636	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,159.9530	6,159.9530	1.9472	0.0000	6,208.6328
Maximum	69.5418	46.4503	31.3771	0.0636	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,159.9530	6,159.9530	1.9472	0.0000	6,208.6328

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				
2021	69.5418	46.4503	31.3771	0.0636	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,159.9529	6,159.9529	1.9472	0.0000	6,208.6328
Maximum	69.5418	46.4503	31.3771	0.0636	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,159.9529	6,159.9529	1.9472	0.0000	6,208.6328

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/19/2021	5	13	
2	Site Preparation	Site Preparation	1/20/2021	1/28/2021	5	7	

3	Grading	Grading	1/29/2021	2/25/2021	5	20
4	Building Construction	Building Construction	2/26/2021	11/25/2021	5	195
5	Paving	Paving	11/26/2021	12/14/2021	5	13
6	Architectural Coating	Architectural Coating	12/15/2021	12/31/2021	5	13

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

Residential Indoor: 145,800; Residential Outdoor: 48,600; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Architectural Coating	Air Compressors	1	6.00	78	0.48
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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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.9990	0.0000	9.9990	3.7396	0.0000	3.7396			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	9.9990	1.9853	11.9843	3.7396	1.8265	5.5662		6,007.0434	6,007.0434	1.9428		6,055.6134

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	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193
Total	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193

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					9.9990	0.0000	9.9990	3.7396	0.0000	3.7396			0.0000			0.0000

Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	9.9990	1.9853	11.9843	3.7396	1.8265	5.5662	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

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	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193
Total	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193

3.5 Building Construction - 2021

Unmitigated Construction On-Site

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

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	0.0128	0.4062	0.1156	1.0600e-003	0.0271	8.9000e-004	0.0280	7.8000e-003	8.5000e-004	8.6500e-003		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0549	0.0353	0.3491	1.0700e-003	0.1150	7.9000e-004	0.1158	0.0305	7.3000e-004	0.0312		107.0367	107.0367	3.0800e-003		107.1135
Total	0.0677	0.4415	0.4646	2.1300e-003	0.1421	1.6800e-003	0.1438	0.0383	1.5800e-003	0.0399		220.5644	220.5644	0.0119		220.8624

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

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
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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	0.0000	0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.0271	8.9000e-004	0.0280	7.8000e-003	8.5000e-004	8.6500e-003		113.5277	113.5277	8.8400e-003	113.7488	
Worker	0.0549	0.0353	0.3491	1.0700e-003	0.1150	7.9000e-004	0.1158	0.0305	7.3000e-004	0.0312		107.0367	107.0367	3.0800e-003	107.1135	
Total	0.0677	0.4415	0.4646	2.1300e-003	0.1421	1.6800e-003	0.1438	0.0383	1.5800e-003	0.0399		220.5644	220.5644	0.0119	220.8624	

3.6 Paving - 2021

Unmitigated Construction On-Site

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

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

Mitigated Construction On-Site

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

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	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.3111					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	69.5300	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529
Total	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529

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
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Category	lb/day									lb/day						
Archit. Coating	69.3111					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	69.5300	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

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	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529
Total	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529

Alpine CPU - Existing Base Year - San Diego County, Annual

Alpine CPU - Existing Base Year
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	709.00	1000sqft	16.28	709,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,063.00	Dwelling Unit	128.94	2,063,000.00	5900
Single Family Housing	4,501.00	Dwelling Unit	1,461.36	8,101,800.00	12873

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	538.9	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

Alpine CPU - Existing Base Year - San Diego County, Annual

Project Characteristics - Update Intensity Factors to reflect 2020 RPS

Land Use -

Construction Phase - No construction

Off-road Equipment - No construction

Trips and VMT - No construction

Vehicle Trips - No Mobile

Energy Use - Historical energy intensity

Area Coating - Rule 67.0.1

Alpine CPU - Existing Base Year - San Diego County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	538.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Alpine CPU - Existing Base Year - San Diego County, Annual

2.1 Overall Construction

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	tons/yr										MT/yr					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	tons/yr										MT/yr					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	tons/yr										MT/yr					
Area	463.0192	8.6089	557.3120	0.9237		71.5520	71.5520		71.5520	71.5520	6,780.334 4	2,923.201 5	9,703.535 9	6.3348	0.5333	10,020.83 64
Energy	0.9547	8.2115	3.8626	0.0521		0.6596	0.6596		0.6596	0.6596	0.0000	22,271.69 87	22,271.69 87	0.7046	0.2922	22,376.38 76
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,427.050 8	0.0000	1,427.050 8	84.3363	0.0000	3,535.458 0
Water						0.0000	0.0000		0.0000	0.0000	184.1688	2,789.643 8	2,973.812 6	19.0298	0.4725	3,590.370 7
Total	463.9739	16.8205	561.1746	0.9757	0.0000	72.2116	72.2116	0.0000	72.2116	72.2116	8,391.554 0	27,984.54 40	36,376.09 80	110.4055	1.2980	39,523.05 27

Alpine CPU - Existing Base Year - San Diego County, Annual

2.2 Overall Operational

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	tons/yr										MT/yr					
Area	463.0192	8.6089	557.3120	0.9237		71.5520	71.5520		71.5520	71.5520	6,780.3344	2,923.2015	9,703.5359	6.3348	0.5333	10,020.8364
Energy	0.9547	8.2115	3.8626	0.0521		0.6596	0.6596		0.6596	0.6596	0.0000	22,271.6987	22,271.6987	0.7046	0.2922	22,376.3876
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,427.0508	0.0000	1,427.0508	84.3363	0.0000	3,535.4580
Water						0.0000	0.0000		0.0000	0.0000	184.1688	2,789.6438	2,973.8126	19.0298	0.4725	3,590.3707
Total	463.9739	16.8205	561.1746	0.9757	0.0000	72.2116	72.2116	0.0000	72.2116	72.2116	8,391.5540	27,984.5440	36,376.0980	110.4055	1.2980	39,523.0527

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/19/2020	8/18/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Alpine CPU - Existing Base Year - San Diego County, Annual

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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3.2 Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Alpine CPU - Existing Base Year - San Diego County, Annual

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	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine CPU - Existing Base Year - San Diego County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271
General Light Industry	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271
General Office Building	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271
Single Family Housing	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

Alpine CPU - Existing Base Year - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,823.6131	12,823.6131	0.5235	0.1190	12,872.1567
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,823.6131	12,823.6131	0.5235	0.1190	12,872.1567
Natural Gas Mitigated	0.9547	8.2115	3.8626	0.0521		0.6596	0.6596		0.6596	0.6596	0.0000	9,448.0856	9,448.0856	0.1811	0.1732	9,504.2308
Natural Gas Unmitigated	0.9547	8.2115	3.8626	0.0521		0.6596	0.6596		0.6596	0.6596	0.0000	9,448.0856	9,448.0856	0.1811	0.1732	9,504.2308

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	2.35327e+007	0.1269	1.0844	0.4614	6.9200e-003		0.0877	0.0877		0.0877	0.0877	0.0000	1,255.7946	1,255.7946	0.0241	0.0230	1,263.2572
General Light Industry	1.42564e+006	7.6900e-003	0.0699	0.0587	4.2000e-004		5.3100e-003	5.3100e-003		5.3100e-003	5.3100e-003	0.0000	76.0776	76.0776	1.4600e-003	1.3900e-003	76.5297
General Office Building	1.6704e+007	0.0901	0.8188	0.6878	4.9100e-003		0.0622	0.0622		0.0622	0.0622	0.0000	891.3912	891.3912	0.0171	0.0163	896.6883
Single Family Housing	1.35388e+008	0.7300	6.2385	2.6547	0.0398		0.5044	0.5044		0.5044	0.5044	0.0000	7,224.8222	7,224.8222	0.1385	0.1325	7,267.7557
Total		0.9547	8.2115	3.8626	0.0521		0.6596	0.6596		0.6596	0.6596	0.0000	9,448.0856	9,448.0856	0.1811	0.1732	9,504.2308

Alpine CPU - Existing Base Year - San Diego County, Annual

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	tons/yr										MT/yr					
Apartments Low Rise	2.35327e+007	0.1269	1.0844	0.4614	6.9200e-003		0.0877	0.0877		0.0877	0.0877	0.0000	1,255.7946	1,255.7946	0.0241	0.0230	1,263.2572
General Light Industry	1.42564e+006	7.6900e-003	0.0699	0.0587	4.2000e-004		5.3100e-003	5.3100e-003		5.3100e-003	5.3100e-003	0.0000	76.0776	76.0776	1.4600e-003	1.3900e-003	76.5297
General Office Building	1.6704e+007	0.0901	0.8188	0.6878	4.9100e-003		0.0622	0.0622		0.0622	0.0622	0.0000	891.3912	891.3912	0.0171	0.0163	896.6883
Single Family Housing	1.35388e+008	0.7300	6.2385	2.6547	0.0398		0.5044	0.5044		0.5044	0.5044	0.0000	7,224.8222	7,224.8222	0.1385	0.1325	7,267.7557
Total		0.9547	8.2115	3.8626	0.0521		0.6596	0.6596		0.6596	0.6596	0.0000	9,448.0856	9,448.0856	0.1811	0.1732	9,504.2308

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.58433e+006	1,853.9208	0.0757	0.0172	1,860.9388
General Light Industry	1.08808e+006	265.9713	0.0109	2.4700e-003	266.9781
General Office Building	1.11597e+007	2,727.8777	0.1114	0.0253	2,738.2040
Single Family Housing	3.26289e+007	7,975.8433	0.3256	0.0740	8,006.0358
Total		12,823.6131	0.5235	0.1190	12,872.1567

Alpine CPU - Existing Base Year - San Diego County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.58433e+006	1,853.9208	0.0757	0.0172	1,860.9388
General Light Industry	1.08808e+006	265.9713	0.0109	2.4700e-003	266.9781
General Office Building	1.11597e+007	2,727.8777	0.1114	0.0253	2,738.2040
Single Family Housing	3.26289e+007	7,975.8433	0.3256	0.0740	8,006.0358
Total		12,823.6131	0.5235	0.1190	12,872.1567

6.0 Area Detail

6.1 Mitigation Measures Area

Alpine CPU - Existing Base Year - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	463.0192	8.6089	557.3120	0.9237		71.5520	71.5520		71.5520	71.5520	6,780.3344	2,923.2015	9,703.5359	6.3348	0.5333	10,020.8364
Unmitigated	463.0192	8.6089	557.3120	0.9237		71.5520	71.5520		71.5520	71.5520	6,780.3344	2,923.2015	9,703.5359	6.3348	0.5333	10,020.8364

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	tons/yr										MT/yr					
Architectural Coating	6.7428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.9207					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	411.8660	8.0433	508.4039	0.9211		71.2831	71.2831		71.2831	71.2831	6,780.3344	2,843.5733	9,623.9077	6.2571	0.5333	9,939.2665
Landscaping	1.4898	0.5657	48.9081	2.5700e-003		0.2689	0.2689		0.2689	0.2689	0.0000	79.6282	79.6282	0.0777	0.0000	81.5699
Total	463.0192	8.6089	557.3120	0.9237		71.5520	71.5520		71.5520	71.5520	6,780.3344	2,923.2015	9,703.5359	6.3348	0.5333	10,020.8364

Alpine CPU - Existing Base Year - San Diego County, Annual

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	tons/yr										MT/yr					
Architectural Coating	6.7428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.9207					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	411.8660	8.0433	508.4039	0.9211		71.2831	71.2831		71.2831	71.2831	6,780.334 4	2,843.573 3	9,623.907 7	6.2571	0.5333	9,939.266 5
Landscaping	1.4898	0.5657	48.9081	2.5700e-003		0.2689	0.2689		0.2689	0.2689	0.0000	79.6282	79.6282	0.0777	0.0000	81.5699
Total	463.0192	8.6089	557.3120	0.9237		71.5520	71.5520		71.5520	71.5520	6,780.334 4	2,923.201 5	9,703.535 9	6.3348	0.5333	10,020.83 64

7.0 Water Detail

7.1 Mitigation Measures Water

Alpine CPU - Existing Base Year - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2,973.812 6	19.0298	0.4725	3,590.370 7
Unmitigated	2,973.812 6	19.0298	0.4725	3,590.370 7

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	134.413 / 84.7385	700.5882	4.4067	0.1095	843.3933
General Light Industry	26.825 / 0	93.8907	0.8776	0.0214	122.2167
General Office Building	126.013 / 77.2339	650.8084	4.1311	0.1026	784.6669
Single Family Housing	293.258 / 184.88	1,528.525 3	9.6144	0.2390	1,840.093 8
Total		2,973.812 6	19.0298	0.4725	3,590.370 7

Alpine CPU - Existing Base Year - San Diego County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	134.413 / 84.7385	700.5882	4.4067	0.1095	843.3933
General Light Industry	26.825 / 0	93.8907	0.8776	0.0214	122.2167
General Office Building	126.013 / 77.2339	650.8084	4.1311	0.1026	784.6669
Single Family Housing	293.258 / 184.88	1,528.5253	9.6144	0.2390	1,840.0938
Total		2,973.8126	19.0298	0.4725	3,590.3707

8.0 Waste Detail

8.1 Mitigation Measures Waste

Alpine CPU - Existing Base Year - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,427.0508	84.3363	0.0000	3,535.4580
Unmitigated	1,427.0508	84.3363	0.0000	3,535.4580

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	948.98	192.6344	11.3844	0.0000	477.2435
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	659.37	133.8462	7.9101	0.0000	331.5982
Single Family Housing	5277.93	1,071.3721	63.3163	0.0000	2,654.2790
Total		1,427.0508	84.3363	0.0000	3,535.4580

Alpine CPU - Existing Base Year - San Diego County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	948.98	192.6344	11.3844	0.0000	477.2435
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	659.37	133.8462	7.9101	0.0000	331.5982
Single Family Housing	5277.93	1,071.3721	63.3163	0.0000	2,654.2790
Total		1,427.0508	84.3363	0.0000	3,535.4580

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Alpine CPU - Existing Base Year - San Diego County, Annual

Equipment Type	Number
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11.0 Vegetation

Alpine CPU - Existing Base Year - San Diego County, Summer

Alpine CPU - Existing Base Year
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	709.00	1000sqft	16.28	709,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,063.00	Dwelling Unit	128.94	2,063,000.00	5900
Single Family Housing	4,501.00	Dwelling Unit	1,461.36	8,101,800.00	12873

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	538.9	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

Alpine CPU - Existing Base Year - San Diego County, Summer

Project Characteristics - Update Intensity Factors to reflect 2020 RPS

Land Use -

Construction Phase - No construction

Off-road Equipment - No construction

Trips and VMT - No construction

Vehicle Trips - No Mobile

Energy Use - Historical energy intensity

Area Coating - Rule 67.0.1

Alpine CPU - Existing Base Year - San Diego County, Summer

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	538.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Alpine CPU - Existing Base Year - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine CPU - Existing Base Year - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184
Energy	5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.02 25	57,067.02 25	1.0938	1.0462	57,406.14 33
Mobile	0.0000	0.0000	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	10,339.42 51	247.4569	12,964.68 23	22.7794	0.0000	1,745.213 6	1,745.213 6	0.0000	1,745.213 6	1,745.2136	182,293.6 405	134,493.5 947	316,787.2 353	170.2719	15.3850	325,628.7 617

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184
Energy	5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.02 25	57,067.02 25	1.0938	1.0462	57,406.14 33
Mobile	0.0000	0.0000	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	10,339.42 51	247.4569	12,964.68 23	22.7794	0.0000	1,745.213 6	1,745.213 6	0.0000	1,745.213 6	1,745.2136	182,293.6 405	134,493.5 947	316,787.2 353	170.2719	15.3850	325,628.7 617

Alpine CPU - Existing Base Year - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/19/2020	8/18/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine CPU - Existing Base Year - San Diego County, Summer

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Alpine CPU - Existing Base Year - San Diego County, Summer

3.2 Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Alpine CPU - Existing Base Year - San Diego County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine CPU - Existing Base Year - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271
General Light Industry	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271
General Office Building	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271
Single Family Housing	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

Alpine CPU - Existing Base Year - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.0225	57,067.0225	1.0938	1.0462	57,406.1433
NaturalGas Unmitigated	5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.0225	57,067.0225	1.0938	1.0462	57,406.1433

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	64473.2	0.6953	5.9416	2.5284	0.0379		0.4804	0.4804		0.4804	0.4804		7,585.0775	7,585.0775	0.1454	0.1391	7,630.1518
General Light Industry	3905.86	0.0421	0.3829	0.3217	2.3000e-003		0.0291	0.0291		0.0291	0.0291		459.5133	459.5133	8.8100e-003	8.4200e-003	462.2440
General Office Building	45764.5	0.4935	4.4867	3.7688	0.0269		0.3410	0.3410		0.3410	0.3410		5,384.0580	5,384.0580	0.1032	0.0987	5,416.0528
Single Family Housing	370926	4.0002	34.1834	14.5461	0.2182		2.7638	2.7638		2.7638	2.7638		43,638.3738	43,638.3738	0.8364	0.8000	43,897.6948
Total		5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.0226	57,067.0226	1.0938	1.0462	57,406.1433

Alpine CPU - Existing Base Year - San Diego County, Summer

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					
Apartments Low Rise	64.4732	0.6953	5.9416	2.5284	0.0379		0.4804	0.4804		0.4804	0.4804		7,585.0775	7,585.0775	0.1454	0.1391	7,630.1518
General Light Industry	3.90586	0.0421	0.3829	0.3217	2.3000e-003		0.0291	0.0291		0.0291	0.0291		459.5133	459.5133	8.8100e-003	8.4200e-003	462.2440
General Office Building	45.7645	0.4935	4.4867	3.7688	0.0269		0.3410	0.3410		0.3410	0.3410		5,384.0580	5,384.0580	0.1032	0.0987	5,416.0528
Single Family Housing	370.926	4.0002	34.1834	14.5461	0.2182		2.7638	2.7638		2.7638	2.7638		43,638.3738	43,638.3738	0.8364	0.8000	43,897.6948
Total		5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.0226	57,067.0226	1.0938	1.0462	57,406.1433

6.0 Area Detail

6.1 Mitigation Measures Area

Alpine CPU - Existing Base Year - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184
Unmitigated	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184

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	36.9466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.1817					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	10,045.51 25	196.1773	12,400.09 41	22.4655		1,738.6114	1,738.611 4		1,738.6114	1,738.6114	182,293.6 405	76,451.29 41	258,744.9 346	168.2268	14.3388	267,223.5 578
Landscaping	16.5531	6.2850	543.4232	0.0286		2.9880	2.9880		2.9880	2.9880		975.2781	975.2781	0.9513		999.0606
Total	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184

Alpine CPU - Existing Base Year - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	36.9466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.1817					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	10,045.51 25	196.1773	12,400.09 41	22.4655		1,738.6114	1,738.6114		1,738.6114	1,738.6114	182,293.6 405	76,451.29 41	258,744.9 346	168.2268	14.3388	267,223.5 578
Landscaping	16.5531	6.2850	543.4232	0.0286		2.9880	2.9880		2.9880	2.9880		975.2781	975.2781	0.9513		999.0606
Total	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine CPU - Existing Base Year - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
----------------	--------

11.0 Vegetation

Alpine CPU - Existing Base Year - San Diego County, Winter

Alpine CPU - Existing Base Year
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	709.00	1000sqft	16.28	709,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,063.00	Dwelling Unit	128.94	2,063,000.00	5900
Single Family Housing	4,501.00	Dwelling Unit	1,461.36	8,101,800.00	12873

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	538.9	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

Alpine CPU - Existing Base Year - San Diego County, Winter

Project Characteristics - Update Intensity Factors to reflect 2020 RPS

Land Use -

Construction Phase - No construction

Off-road Equipment - No construction

Trips and VMT - No construction

Vehicle Trips - No Mobile

Energy Use - Historical energy intensity

Area Coating - Rule 67.0.1

Alpine CPU - Existing Base Year - San Diego County, Winter

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	538.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Alpine CPU - Existing Base Year - San Diego County, Winter

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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine CPU - Existing Base Year - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184
Energy	5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.02 25	57,067.02 25	1.0938	1.0462	57,406.14 33
Mobile	0.0000	0.0000	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	10,339.42 51	247.4569	12,964.68 23	22.7794	0.0000	1,745.213 6	1,745.213 6	0.0000	1,745.213 6	1,745.2136	182,293.6 405	134,493.5 947	316,787.2 353	170.2719	15.3850	325,628.7 617

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184
Energy	5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.02 25	57,067.02 25	1.0938	1.0462	57,406.14 33
Mobile	0.0000	0.0000	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	10,339.42 51	247.4569	12,964.68 23	22.7794	0.0000	1,745.213 6	1,745.213 6	0.0000	1,745.213 6	1,745.2136	182,293.6 405	134,493.5 947	316,787.2 353	170.2719	15.3850	325,628.7 617

Alpine CPU - Existing Base Year - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/19/2020	8/18/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine CPU - Existing Base Year - San Diego County, Winter

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Alpine CPU - Existing Base Year - San Diego County, Winter

3.2 Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Alpine CPU - Existing Base Year - San Diego County, Winter

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine CPU - Existing Base Year - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271
General Light Industry	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271
General Office Building	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271
Single Family Housing	0.588316	0.042913	0.184449	0.110793	0.017294	0.005558	0.015534	0.023021	0.001902	0.002024	0.006181	0.000745	0.001271

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

Alpine CPU - Existing Base Year - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.0225	57,067.0225	1.0938	1.0462	57,406.1433
NaturalGas Unmitigated	5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.0225	57,067.0225	1.0938	1.0462	57,406.1433

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	64473.2	0.6953	5.9416	2.5284	0.0379		0.4804	0.4804		0.4804	0.4804		7,585.0775	7,585.0775	0.1454	0.1391	7,630.1518
General Light Industry	3905.86	0.0421	0.3829	0.3217	2.3000e-003		0.0291	0.0291		0.0291	0.0291		459.5133	459.5133	8.8100e-003	8.4200e-003	462.2440
General Office Building	45764.5	0.4935	4.4867	3.7688	0.0269		0.3410	0.3410		0.3410	0.3410		5,384.0580	5,384.0580	0.1032	0.0987	5,416.0528
Single Family Housing	370926	4.0002	34.1834	14.5461	0.2182		2.7638	2.7638		2.7638	2.7638		43,638.3738	43,638.3738	0.8364	0.8000	43,897.6948
Total		5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.0226	57,067.0226	1.0938	1.0462	57,406.1433

Alpine CPU - Existing Base Year - San Diego County, Winter

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					
Apartments Low Rise	64.4732	0.6953	5.9416	2.5284	0.0379		0.4804	0.4804		0.4804	0.4804		7,585.0775	7,585.0775	0.1454	0.1391	7,630.1518
General Light Industry	3.90586	0.0421	0.3829	0.3217	2.3000e-003		0.0291	0.0291		0.0291	0.0291		459.5133	459.5133	8.8100e-003	8.4200e-003	462.2440
General Office Building	45.7645	0.4935	4.4867	3.7688	0.0269		0.3410	0.3410		0.3410	0.3410		5,384.0580	5,384.0580	0.1032	0.0987	5,416.0528
Single Family Housing	370.926	4.0002	34.1834	14.5461	0.2182		2.7638	2.7638		2.7638	2.7638		43,638.3738	43,638.3738	0.8364	0.8000	43,897.6948
Total		5.2311	44.9947	21.1650	0.2853		3.6142	3.6142		3.6142	3.6142		57,067.0226	57,067.0226	1.0938	1.0462	57,406.1433

6.0 Area Detail

6.1 Mitigation Measures Area

Alpine CPU - Existing Base Year - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184
Unmitigated	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184

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	36.9466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.1817					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	10,045.51 25	196.1773	12,400.09 41	22.4655		1,738.6114	1,738.611 4		1,738.6114	1,738.6114	182,293.6 405	76,451.29 41	258,744.9 346	168.2268	14.3388	267,223.5 578
Landscaping	16.5531	6.2850	543.4232	0.0286		2.9880	2.9880		2.9880	2.9880		975.2781	975.2781	0.9513		999.0606
Total	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184

Alpine CPU - Existing Base Year - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	36.9466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.1817					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	10,045.51 25	196.1773	12,400.09 41	22.4655		1,738.6114	1,738.6114		1,738.6114	1,738.6114	182,293.6 405	76,451.29 41	258,744.9 346	168.2268	14.3388	267,223.5 578
Landscaping	16.5531	6.2850	543.4232	0.0286		2.9880	2.9880		2.9880	2.9880		975.2781	975.2781	0.9513		999.0606
Total	10,334.19 40	202.4622	12,943.51 73	22.4941		1,741.599 4	1,741.599 4		1,741.599 4	1,741.5994	182,293.6 405	77,426.57 22	259,720.2 127	169.1781	14.3388	268,222.6 184

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine CPU - Existing Base Year - San Diego County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	116.00	1000sqft	2.66	116,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	321.79	CH4 Intensity (lb/MW hr)	0.013	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SDG&E intensity factors adjusted for 2030

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	20.00	125.00
tblConstructionPhase	NumDays	3.00	75.00
tblConstructionPhase	NumDays	6.00	194.00
tblConstructionPhase	NumDays	220.00	1,945.00
tblConstructionPhase	NumDays	10.00	138.00
tblConstructionPhase	NumDays	10.00	138.00
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24NG	4.31	3.02
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00

2.0 Emissions Summary

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2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.2432	2.5368	1.6420	3.1600e-003	0.3061	0.1194	0.4255	0.1160	0.1107	0.2267	0.0000	277.5667	277.5667	0.0779	0.0000	279.5149
2022	0.2362	2.1824	1.6435	3.5600e-003	0.4902	0.0944	0.5846	0.2360	0.0886	0.3246	0.0000	308.9894	308.9894	0.0673	0.0000	310.6729
2023	0.2481	1.9726	2.0433	4.3500e-003	0.0675	0.0803	0.1478	0.0183	0.0770	0.0953	0.0000	373.7121	373.7121	0.0564	0.0000	375.1214
2024	0.2336	1.8791	2.0330	4.3600e-003	0.0680	0.0711	0.1390	0.0185	0.0680	0.0865	0.0000	374.5627	374.5627	0.0559	0.0000	375.9600
2025	0.2177	1.7639	2.0034	4.3200e-003	0.0677	0.0619	0.1296	0.0184	0.0592	0.0776	0.0000	371.1708	371.1708	0.0548	0.0000	372.5405
2026	0.2168	1.7605	1.9954	4.3000e-003	0.0677	0.0619	0.1296	0.0184	0.0592	0.0776	0.0000	369.4158	369.4158	0.0547	0.0000	370.7829
2027	0.2159	1.7572	1.9883	4.2800e-003	0.0677	0.0618	0.1296	0.0184	0.0592	0.0776	0.0000	367.8567	367.8567	0.0546	0.0000	369.2215
2028	0.2142	1.7478	1.9748	4.2500e-003	0.0675	0.0616	0.1291	0.0183	0.0589	0.0772	0.0000	365.0979	365.0979	0.0543	0.0000	366.4555
2029	0.8152	2.2926	2.8722	5.6600e-003	0.0795	0.0877	0.1672	0.0215	0.0833	0.1047	0.0000	487.8047	487.8047	0.0879	0.0000	490.0010
Maximum	0.8152	2.5368	2.8722	5.6600e-003	0.4902	0.1194	0.5846	0.2360	0.1107	0.3246	0.0000	487.8047	487.8047	0.0879	0.0000	490.0010

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2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.2432	2.5368	1.6420	3.1600e-003	0.3061	0.1194	0.4255	0.1160	0.1107	0.2267	0.0000	277.5664	277.5664	0.0779	0.0000	279.5146
2022	0.2362	2.1824	1.6435	3.5600e-003	0.4902	0.0944	0.5846	0.2360	0.0886	0.3246	0.0000	308.9891	308.9891	0.0673	0.0000	310.6726
2023	0.2481	1.9726	2.0433	4.3500e-003	0.0675	0.0803	0.1478	0.0183	0.0770	0.0953	0.0000	373.7118	373.7118	0.0564	0.0000	375.1211
2024	0.2336	1.8791	2.0330	4.3600e-003	0.0680	0.0711	0.1390	0.0185	0.0680	0.0865	0.0000	374.5624	374.5624	0.0559	0.0000	375.9597
2025	0.2177	1.7639	2.0034	4.3200e-003	0.0677	0.0619	0.1296	0.0184	0.0592	0.0776	0.0000	371.1705	371.1705	0.0548	0.0000	372.5402
2026	0.2168	1.7605	1.9954	4.3000e-003	0.0677	0.0619	0.1296	0.0184	0.0592	0.0776	0.0000	369.4155	369.4155	0.0547	0.0000	370.7826
2027	0.2159	1.7572	1.9883	4.2800e-003	0.0677	0.0618	0.1296	0.0184	0.0592	0.0776	0.0000	367.8564	367.8564	0.0546	0.0000	369.2212
2028	0.2142	1.7478	1.9748	4.2500e-003	0.0675	0.0616	0.1291	0.0183	0.0589	0.0772	0.0000	365.0976	365.0976	0.0543	0.0000	366.4552
2029	0.8152	2.2926	2.8722	5.6600e-003	0.0795	0.0877	0.1672	0.0215	0.0833	0.1047	0.0000	487.8043	487.8043	0.0879	0.0000	490.0006
Maximum	0.8152	2.5368	2.8722	5.6600e-003	0.4902	0.1194	0.5846	0.2360	0.1107	0.3246	0.0000	487.8043	487.8043	0.0879	0.0000	490.0006

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	0.6999	0.6999

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2	4-1-2021	6-30-2021	0.7033	0.7033
3	7-1-2021	9-30-2021	0.6531	0.6531
4	10-1-2021	12-31-2021	0.7208	0.7208
5	1-1-2022	3-31-2022	0.5973	0.5973
6	4-1-2022	6-30-2022	0.6038	0.6038
7	7-1-2022	9-30-2022	0.6112	0.6112
8	10-1-2022	12-31-2022	0.6122	0.6122
9	1-1-2023	3-31-2023	0.5493	0.5493
10	4-1-2023	6-30-2023	0.5545	0.5545
11	7-1-2023	9-30-2023	0.5606	0.5606
12	10-1-2023	12-31-2023	0.5615	0.5615
13	1-1-2024	3-31-2024	0.5244	0.5244
14	4-1-2024	6-30-2024	0.5235	0.5235
15	7-1-2024	9-30-2024	0.5293	0.5293
16	10-1-2024	12-31-2024	0.5301	0.5301
17	1-1-2025	3-31-2025	0.4883	0.4883
18	4-1-2025	6-30-2025	0.4929	0.4929
19	7-1-2025	9-30-2025	0.4983	0.4983
20	10-1-2025	12-31-2025	0.4991	0.4991
21	1-1-2026	3-31-2026	0.4872	0.4872
22	4-1-2026	6-30-2026	0.4918	0.4918
23	7-1-2026	9-30-2026	0.4972	0.4972
24	10-1-2026	12-31-2026	0.4980	0.4980
25	1-1-2027	3-31-2027	0.4862	0.4862
26	4-1-2027	6-30-2027	0.4908	0.4908
27	7-1-2027	9-30-2027	0.4962	0.4962
28	10-1-2027	12-31-2027	0.4970	0.4970

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29	1-1-2028	3-31-2028	0.4907	0.4907
30	4-1-2028	6-30-2028	0.4900	0.4900
31	7-1-2028	9-30-2028	0.4954	0.4954
32	10-1-2028	12-31-2028	0.4961	0.4961
33	1-1-2029	3-31-2029	0.4844	0.4844
34	4-1-2029	6-30-2029	0.6135	0.6135
35	7-1-2029	9-30-2029	1.0668	1.0668
		Highest	1.0668	1.0668

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	tons/yr										MT/yr					
Area	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Energy	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	198.1791	198.1791	6.6600e-003	2.4200e-003	199.0668
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	29.1982	0.0000	29.1982	1.7256	0.0000	72.3374
Water						0.0000	0.0000		0.0000	0.0000	8.5103	50.9826	59.4930	0.8762	0.0211	87.6889
Total	0.5133	0.0584	0.0501	3.5000e-004	0.0000	4.4400e-003	4.4400e-003	0.0000	4.4400e-003	4.4400e-003	37.7086	249.1638	286.8723	2.6084	0.0235	359.0952

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Energy	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	198.1791	198.1791	6.6600e-003	2.4200e-003	199.0668
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	29.1982	0.0000	29.1982	1.7256	0.0000	72.3374
Water						0.0000	0.0000		0.0000	0.0000	8.5103	50.9826	59.4930	0.8762	0.0211	87.6889
Total	0.5133	0.0584	0.0501	3.5000e-004	0.0000	4.4400e-003	4.4400e-003	0.0000	4.4400e-003	4.4400e-003	37.7086	249.1638	286.8723	2.6084	0.0235	359.0952

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	6/24/2021	5	125	
2	Site Preparation	Site Preparation	6/25/2021	10/7/2021	5	75	
3	Grading	Grading	10/8/2021	7/6/2022	5	194	
4	Building Construction	Building Construction	7/7/2022	12/19/2029	5	1945	
5	Paving	Paving	6/11/2029	12/19/2029	5	138	
6	Architectural Coating	Architectural Coating	6/11/2029	12/19/2029	5	138	

Acres of Grading (Site Preparation Phase): 112.5

Acres of Grading (Grading Phase): 97

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 174,000; Non-Residential Outdoor: 58,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	49.00	19.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1246	1.2310	0.9058	1.5100e-003		0.0651	0.0651		0.0607	0.0607	0.0000	131.6958	131.6958	0.0337	0.0000	132.5378
Total	0.1246	1.2310	0.9058	1.5100e-003		0.0651	0.0651		0.0607	0.0607	0.0000	131.6958	131.6958	0.0337	0.0000	132.5378

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.8200e-003	2.0200e-003	0.0203	6.0000e-005	6.5200e-003	5.0000e-005	6.5600e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	5.6918	5.6918	1.6000e-004	0.0000	5.6958
Total	2.8200e-003	2.0200e-003	0.0203	6.0000e-005	6.5200e-003	5.0000e-005	6.5600e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	5.6918	5.6918	1.6000e-004	0.0000	5.6958

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	tons/yr										MT/yr					
Off-Road	0.1246	1.2310	0.9058	1.5100e-003		0.0651	0.0651		0.0607	0.0607	0.0000	131.6957	131.6957	0.0337	0.0000	132.5376
Total	0.1246	1.2310	0.9058	1.5100e-003		0.0651	0.0651		0.0607	0.0607	0.0000	131.6957	131.6957	0.0337	0.0000	132.5376

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3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.8200e-003	2.0200e-003	0.0203	6.0000e-005	6.5200e-003	5.0000e-005	6.5600e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	5.6918	5.6918	1.6000e-004	0.0000	5.6958
Total	2.8200e-003	2.0200e-003	0.0203	6.0000e-005	6.5200e-003	5.0000e-005	6.5600e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	5.6918	5.6918	1.6000e-004	0.0000	5.6958

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0597	0.0000	0.0597	6.4400e-003	0.0000	6.4400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0580	0.6857	0.4031	9.2000e-004		0.0263	0.0263		0.0242	0.0242	0.0000	80.7241	80.7241	0.0261	0.0000	81.3768
Total	0.0580	0.6857	0.4031	9.2000e-004	0.0597	0.0263	0.0860	6.4400e-003	0.0242	0.0307	0.0000	80.7241	80.7241	0.0261	0.0000	81.3768

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3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.0400e-003	7.4000e-004	7.4900e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4200e-003	6.4000e-004	2.0000e-005	6.5000e-004	0.0000	2.1016	2.1016	6.0000e-005	0.0000	2.1031
Total	1.0400e-003	7.4000e-004	7.4900e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4200e-003	6.4000e-004	2.0000e-005	6.5000e-004	0.0000	2.1016	2.1016	6.0000e-005	0.0000	2.1031

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	tons/yr										MT/yr					
Fugitive Dust					0.0597	0.0000	0.0597	6.4400e-003	0.0000	6.4400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0580	0.6857	0.4031	9.2000e-004		0.0263	0.0263		0.0242	0.0242	0.0000	80.7240	80.7240	0.0261	0.0000	81.3767
Total	0.0580	0.6857	0.4031	9.2000e-004	0.0597	0.0263	0.0860	6.4400e-003	0.0242	0.0307	0.0000	80.7240	80.7240	0.0261	0.0000	81.3767

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3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.0400e-003	7.4000e-004	7.4900e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4200e-003	6.4000e-004	2.0000e-005	6.5000e-004	0.0000	2.1016	2.1016	6.0000e-005	0.0000	2.1031
Total	1.0400e-003	7.4000e-004	7.4900e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4200e-003	6.4000e-004	2.0000e-005	6.5000e-004	0.0000	2.1016	2.1016	6.0000e-005	0.0000	2.1031

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2351	0.0000	0.2351	0.1065	0.0000	0.1065	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0557	0.6165	0.2977	6.3000e-004		0.0279	0.0279		0.0257	0.0257	0.0000	55.2168	55.2168	0.0179	0.0000	55.6633
Total	0.0557	0.6165	0.2977	6.3000e-004	0.2351	0.0279	0.2630	0.1065	0.0257	0.1322	0.0000	55.2168	55.2168	0.0179	0.0000	55.6633

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3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.0600e-003	7.6000e-004	7.6200e-003	2.0000e-005	2.4500e-003	2.0000e-005	2.4600e-003	6.5000e-004	2.0000e-005	6.7000e-004	0.0000	2.1366	2.1366	6.0000e-005	0.0000	2.1381
Total	1.0600e-003	7.6000e-004	7.6200e-003	2.0000e-005	2.4500e-003	2.0000e-005	2.4600e-003	6.5000e-004	2.0000e-005	6.7000e-004	0.0000	2.1366	2.1366	6.0000e-005	0.0000	2.1381

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	tons/yr										MT/yr					
Fugitive Dust					0.2351	0.0000	0.2351	0.1065	0.0000	0.1065	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0557	0.6165	0.2977	6.3000e-004		0.0279	0.0279		0.0257	0.0257	0.0000	55.2168	55.2168	0.0179	0.0000	55.6632
Total	0.0557	0.6165	0.2977	6.3000e-004	0.2351	0.0279	0.2630	0.1065	0.0257	0.1322	0.0000	55.2168	55.2168	0.0179	0.0000	55.6632

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3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.0600e-003	7.6000e-004	7.6200e-003	2.0000e-005	2.4500e-003	2.0000e-005	2.4600e-003	6.5000e-004	2.0000e-005	6.7000e-004	0.0000	2.1366	2.1366	6.0000e-005	0.0000	2.1381
Total	1.0600e-003	7.6000e-004	7.6200e-003	2.0000e-005	2.4500e-003	2.0000e-005	2.4600e-003	6.5000e-004	2.0000e-005	6.7000e-004	0.0000	2.1366	2.1366	6.0000e-005	0.0000	2.1381

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4519	0.0000	0.4519	0.2257	0.0000	0.2257	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1024	1.1294	0.6131	1.3700e-003		0.0494	0.0494		0.0454	0.0454	0.0000	120.3830	120.3830	0.0389	0.0000	121.3564
Total	0.1024	1.1294	0.6131	1.3700e-003	0.4519	0.0494	0.5013	0.2257	0.0454	0.2711	0.0000	120.3830	120.3830	0.0389	0.0000	121.3564

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3.4 Grading - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.1900e-003	1.5000e-003	0.0154	5.0000e-005	5.3300e-003	4.0000e-005	5.3700e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4877	4.4877	1.2000e-004	0.0000	4.4908
Total	2.1900e-003	1.5000e-003	0.0154	5.0000e-005	5.3300e-003	4.0000e-005	5.3700e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4877	4.4877	1.2000e-004	0.0000	4.4908

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	tons/yr										MT/yr					
Fugitive Dust					0.4519	0.0000	0.4519	0.2257	0.0000	0.2257	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1024	1.1294	0.6131	1.3700e-003		0.0494	0.0494		0.0454	0.0454	0.0000	120.3829	120.3829	0.0389	0.0000	121.3563
Total	0.1024	1.1294	0.6131	1.3700e-003	0.4519	0.0494	0.5013	0.2257	0.0454	0.2711	0.0000	120.3829	120.3829	0.0389	0.0000	121.3563

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3.4 Grading - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.1900e-003	1.5000e-003	0.0154	5.0000e-005	5.3300e-003	4.0000e-005	5.3700e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4877	4.4877	1.2000e-004	0.0000	4.4908
Total	2.1900e-003	1.5000e-003	0.0154	5.0000e-005	5.3300e-003	4.0000e-005	5.3700e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4877	4.4877	1.2000e-004	0.0000	4.4908

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1178	0.9274	0.9114	1.5900e-003		0.0446	0.0446		0.0427	0.0427	0.0000	131.8769	131.8769	0.0254	0.0000	132.5129
Total	0.1178	0.9274	0.9114	1.5900e-003		0.0446	0.0446		0.0427	0.0427	0.0000	131.8769	131.8769	0.0254	0.0000	132.5129

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3.5 Building Construction - 2022

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	3.4700e-003	0.1171	0.0313	3.2000e-004	8.0100e-003	2.3000e-004	8.2300e-003	2.3100e-003	2.2000e-004	2.5300e-003	0.0000	31.2440	31.2440	2.2700e-003	0.0000	31.3007
Worker	0.0102	7.0400e-003	0.0722	2.3000e-004	0.0250	1.7000e-004	0.0251	6.6300e-003	1.6000e-004	6.7900e-003	0.0000	20.9977	20.9977	5.7000e-004	0.0000	21.0121
Total	0.0137	0.1241	0.1035	5.5000e-004	0.0330	4.0000e-004	0.0334	8.9400e-003	3.8000e-004	9.3200e-003	0.0000	52.2418	52.2418	2.8400e-003	0.0000	52.3128

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	tons/yr										MT/yr					
Off-Road	0.1178	0.9274	0.9114	1.5900e-003		0.0446	0.0446		0.0427	0.0427	0.0000	131.8767	131.8767	0.0254	0.0000	132.5128
Total	0.1178	0.9274	0.9114	1.5900e-003		0.0446	0.0446		0.0427	0.0427	0.0000	131.8767	131.8767	0.0254	0.0000	132.5128

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3.5 Building Construction - 2022

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	3.4700e-003	0.1171	0.0313	3.2000e-004	8.0100e-003	2.3000e-004	8.2300e-003	2.3100e-003	2.2000e-004	2.5300e-003	0.0000	31.2440	31.2440	2.2700e-003	0.0000	31.3007
Worker	0.0102	7.0400e-003	0.0722	2.3000e-004	0.0250	1.7000e-004	0.0251	6.6300e-003	1.6000e-004	6.7900e-003	0.0000	20.9977	20.9977	5.7000e-004	0.0000	21.0121
Total	0.0137	0.1241	0.1035	5.5000e-004	0.0330	4.0000e-004	0.0334	8.9400e-003	3.8000e-004	9.3200e-003	0.0000	52.2418	52.2418	2.8400e-003	0.0000	52.3128

3.5 Building Construction - 2023

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	tons/yr										MT/yr					
Off-Road	0.2228	1.7711	1.8479	3.2500e-003		0.0798	0.0798		0.0764	0.0764	0.0000	270.0127	270.0127	0.0511	0.0000	271.2893
Total	0.2228	1.7711	1.8479	3.2500e-003		0.0798	0.0798		0.0764	0.0764	0.0000	270.0127	270.0127	0.0511	0.0000	271.2893

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3.5 Building Construction - 2023

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.4800e-003	0.1883	0.0584	6.4000e-004	0.0164	2.3000e-004	0.0166	4.7300e-003	2.2000e-004	4.9500e-003	0.0000	62.3539	62.3539	4.2400e-003	0.0000	62.4599
Worker	0.0199	0.0132	0.1370	4.6000e-004	0.0511	3.5000e-004	0.0514	0.0136	3.2000e-004	0.0139	0.0000	41.3455	41.3455	1.0700e-003	0.0000	41.3723
Total	0.0253	0.2015	0.1954	1.1000e-003	0.0675	5.8000e-004	0.0681	0.0183	5.4000e-004	0.0188	0.0000	103.6994	103.6994	5.3100e-003	0.0000	103.8322

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	tons/yr										MT/yr					
Off-Road	0.2228	1.7711	1.8479	3.2500e-003		0.0798	0.0798		0.0764	0.0764	0.0000	270.0124	270.0124	0.0511	0.0000	271.2889
Total	0.2228	1.7711	1.8479	3.2500e-003		0.0798	0.0798		0.0764	0.0764	0.0000	270.0124	270.0124	0.0511	0.0000	271.2889

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3.5 Building Construction - 2023

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.4800e-003	0.1883	0.0584	6.4000e-004	0.0164	2.3000e-004	0.0166	4.7300e-003	2.2000e-004	4.9500e-003	0.0000	62.3539	62.3539	4.2400e-003	0.0000	62.4599
Worker	0.0199	0.0132	0.1370	4.6000e-004	0.0511	3.5000e-004	0.0514	0.0136	3.2000e-004	0.0139	0.0000	41.3455	41.3455	1.0700e-003	0.0000	41.3723
Total	0.0253	0.2015	0.1954	1.1000e-003	0.0675	5.8000e-004	0.0681	0.0183	5.4000e-004	0.0188	0.0000	103.6994	103.6994	5.3100e-003	0.0000	103.8322

3.5 Building Construction - 2024

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	tons/yr										MT/yr					
Off-Road	0.2092	1.6799	1.8471	3.2800e-003		0.0705	0.0705		0.0675	0.0675	0.0000	272.1052	272.1052	0.0507	0.0000	273.3722
Total	0.2092	1.6799	1.8471	3.2800e-003		0.0705	0.0705		0.0675	0.0675	0.0000	272.1052	272.1052	0.0507	0.0000	273.3722

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3.5 Building Construction - 2024

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.3300e-003	0.1871	0.0569	6.4000e-004	0.0165	2.2000e-004	0.0167	4.7700e-003	2.1000e-004	4.9800e-003	0.0000	62.4342	62.4342	4.2200e-003	0.0000	62.5397
Worker	0.0190	0.0122	0.1290	4.4000e-004	0.0515	3.4000e-004	0.0518	0.0137	3.2000e-004	0.0140	0.0000	40.0233	40.0233	9.9000e-004	0.0000	40.0481
Total	0.0244	0.1993	0.1859	1.0800e-003	0.0680	5.6000e-004	0.0686	0.0185	5.3000e-004	0.0190	0.0000	102.4575	102.4575	5.2100e-003	0.0000	102.5878

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	tons/yr										MT/yr					
Off-Road	0.2092	1.6799	1.8471	3.2800e-003		0.0705	0.0705		0.0675	0.0675	0.0000	272.1049	272.1049	0.0507	0.0000	273.3719
Total	0.2092	1.6799	1.8471	3.2800e-003		0.0705	0.0705		0.0675	0.0675	0.0000	272.1049	272.1049	0.0507	0.0000	273.3719

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3.5 Building Construction - 2024

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.3300e-003	0.1871	0.0569	6.4000e-004	0.0165	2.2000e-004	0.0167	4.7700e-003	2.1000e-004	4.9800e-003	0.0000	62.4342	62.4342	4.2200e-003	0.0000	62.5397
Worker	0.0190	0.0122	0.1290	4.4000e-004	0.0515	3.4000e-004	0.0518	0.0137	3.2000e-004	0.0140	0.0000	40.0233	40.0233	9.9000e-004	0.0000	40.0481
Total	0.0244	0.1993	0.1859	1.0800e-003	0.0680	5.6000e-004	0.0686	0.0185	5.3000e-004	0.0190	0.0000	102.4575	102.4575	5.2100e-003	0.0000	102.5878

3.5 Building Construction - 2025

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.1500e-003	0.1837	0.0556	6.3000e-004	0.0165	2.1000e-004	0.0167	4.7500e-003	2.0000e-004	4.9600e-003	0.0000	61.8176	61.8176	4.1600e-003	0.0000	61.9215
Worker	0.0181	0.0112	0.1199	4.2000e-004	0.0513	3.4000e-004	0.0516	0.0136	3.1000e-004	0.0139	0.0000	38.2587	38.2587	9.1000e-004	0.0000	38.2815
Total	0.0233	0.1948	0.1755	1.0500e-003	0.0677	5.5000e-004	0.0683	0.0184	5.1000e-004	0.0189	0.0000	100.0763	100.0763	5.0700e-003	0.0000	100.2030

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.1500e-003	0.1837	0.0556	6.3000e-004	0.0165	2.1000e-004	0.0167	4.7500e-003	2.0000e-004	4.9600e-003	0.0000	61.8176	61.8176	4.1600e-003	0.0000	61.9215
Worker	0.0181	0.0112	0.1199	4.2000e-004	0.0513	3.4000e-004	0.0516	0.0136	3.1000e-004	0.0139	0.0000	38.2587	38.2587	9.1000e-004	0.0000	38.2815
Total	0.0233	0.1948	0.1755	1.0500e-003	0.0677	5.5000e-004	0.0683	0.0184	5.1000e-004	0.0189	0.0000	100.0763	100.0763	5.0700e-003	0.0000	100.2030

3.5 Building Construction - 2026

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.0200e-003	0.1810	0.0548	6.2000e-004	0.0165	2.1000e-004	0.0167	4.7500e-003	2.0000e-004	4.9500e-003	0.0000	61.4637	61.4637	4.1200e-003	0.0000	61.5666
Worker	0.0174	0.0104	0.1127	4.1000e-004	0.0513	3.3000e-004	0.0516	0.0136	3.0000e-004	0.0139	0.0000	36.8576	36.8576	8.5000e-004	0.0000	36.8788
Total	0.0224	0.1914	0.1675	1.0300e-003	0.0677	5.4000e-004	0.0683	0.0184	5.0000e-004	0.0189	0.0000	98.3213	98.3213	4.9700e-003	0.0000	98.4454

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.0200e-003	0.1810	0.0548	6.2000e-004	0.0165	2.1000e-004	0.0167	4.7500e-003	2.0000e-004	4.9500e-003	0.0000	61.4637	61.4637	4.1200e-003	0.0000	61.5666
Worker	0.0174	0.0104	0.1127	4.1000e-004	0.0513	3.3000e-004	0.0516	0.0136	3.0000e-004	0.0139	0.0000	36.8576	36.8576	8.5000e-004	0.0000	36.8788
Total	0.0224	0.1914	0.1675	1.0300e-003	0.0677	5.4000e-004	0.0683	0.0184	5.0000e-004	0.0189	0.0000	98.3213	98.3213	4.9700e-003	0.0000	98.4454

3.5 Building Construction - 2027

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.9100e-003	0.1785	0.0541	6.2000e-004	0.0165	2.0000e-004	0.0167	4.7500e-003	1.9000e-004	4.9500e-003	0.0000	61.1393	61.1393	4.0800e-003	0.0000	61.2413
Worker	0.0166	9.6900e-003	0.1063	3.9000e-004	0.0513	3.1000e-004	0.0516	0.0136	2.8000e-004	0.0139	0.0000	35.6229	35.6229	8.0000e-004	0.0000	35.6427
Total	0.0215	0.1882	0.1604	1.0100e-003	0.0677	5.1000e-004	0.0683	0.0184	4.7000e-004	0.0189	0.0000	96.7621	96.7621	4.8800e-003	0.0000	96.8840

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.9100e-003	0.1785	0.0541	6.2000e-004	0.0165	2.0000e-004	0.0167	4.7500e-003	1.9000e-004	4.9500e-003	0.0000	61.1393	61.1393	4.0800e-003	0.0000	61.2413
Worker	0.0166	9.6900e-003	0.1063	3.9000e-004	0.0513	3.1000e-004	0.0516	0.0136	2.8000e-004	0.0139	0.0000	35.6229	35.6229	8.0000e-004	0.0000	35.6427
Total	0.0215	0.1882	0.1604	1.0100e-003	0.0677	5.1000e-004	0.0683	0.0184	4.7000e-004	0.0189	0.0000	96.7621	96.7621	4.8800e-003	0.0000	96.8840

3.5 Building Construction - 2028

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	tons/yr										MT/yr					
Off-Road	0.1937	1.5630	1.8209	3.2500e-003		0.0611	0.0611		0.0585	0.0585	0.0000	270.0559	270.0559	0.0495	0.0000	271.2941
Total	0.1937	1.5630	1.8209	3.2500e-003		0.0611	0.0611		0.0585	0.0585	0.0000	270.0559	270.0559	0.0495	0.0000	271.2941

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.8000e-003	0.1757	0.0536	6.2000e-004	0.0164	2.0000e-004	0.0166	4.7300e-003	1.9000e-004	4.9200e-003	0.0000	60.6349	60.6349	4.0300e-003	0.0000	60.7356
Worker	0.0158	9.0500e-003	0.1003	3.8000e-004	0.0511	2.8000e-004	0.0514	0.0136	2.6000e-004	0.0138	0.0000	34.4071	34.4071	7.5000e-004	0.0000	34.4258
Total	0.0206	0.1848	0.1539	1.0000e-003	0.0675	4.8000e-004	0.0680	0.0183	4.5000e-004	0.0188	0.0000	95.0420	95.0420	4.7800e-003	0.0000	95.1614

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	tons/yr										MT/yr					
Off-Road	0.1937	1.5630	1.8209	3.2500e-003		0.0611	0.0611		0.0585	0.0585	0.0000	270.0556	270.0556	0.0495	0.0000	271.2938
Total	0.1937	1.5630	1.8209	3.2500e-003		0.0611	0.0611		0.0585	0.0585	0.0000	270.0556	270.0556	0.0495	0.0000	271.2938

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.8000e-003	0.1757	0.0536	6.2000e-004	0.0164	2.0000e-004	0.0166	4.7300e-003	1.9000e-004	4.9200e-003	0.0000	60.6349	60.6349	4.0300e-003	0.0000	60.7356
Worker	0.0158	9.0500e-003	0.1003	3.8000e-004	0.0511	2.8000e-004	0.0514	0.0136	2.6000e-004	0.0138	0.0000	34.4071	34.4071	7.5000e-004	0.0000	34.4258
Total	0.0206	0.1848	0.1539	1.0000e-003	0.0675	4.8000e-004	0.0680	0.0183	4.5000e-004	0.0188	0.0000	95.0420	95.0420	4.7800e-003	0.0000	95.1614

3.5 Building Construction - 2029

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	tons/yr										MT/yr					
Off-Road	0.1885	1.5210	1.7719	3.1700e-003		0.0595	0.0595		0.0569	0.0569	0.0000	262.7852	262.7852	0.0482	0.0000	263.9900
Total	0.1885	1.5210	1.7719	3.1700e-003		0.0595	0.0595		0.0569	0.0569	0.0000	262.7852	262.7852	0.0482	0.0000	263.9900

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5900e-003	0.1689	0.0517	6.0000e-004	0.0160	1.9000e-004	0.0161	4.6100e-003	1.8000e-004	4.7900e-003	0.0000	58.7449	58.7449	3.9000e-003	0.0000	58.8424
Worker	0.0145	8.2600e-003	0.0925	3.6000e-004	0.0497	2.6000e-004	0.0500	0.0132	2.4000e-004	0.0134	0.0000	32.5575	32.5575	6.8000e-004	0.0000	32.5746
Total	0.0191	0.1772	0.1442	9.6000e-004	0.0657	4.5000e-004	0.0661	0.0178	4.2000e-004	0.0182	0.0000	91.3024	91.3024	4.5800e-003	0.0000	91.4170

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	tons/yr										MT/yr					
Off-Road	0.1885	1.5210	1.7719	3.1700e-003		0.0595	0.0595		0.0569	0.0569	0.0000	262.7849	262.7849	0.0482	0.0000	263.9897
Total	0.1885	1.5210	1.7719	3.1700e-003		0.0595	0.0595		0.0569	0.0569	0.0000	262.7849	262.7849	0.0482	0.0000	263.9897

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5900e-003	0.1689	0.0517	6.0000e-004	0.0160	1.9000e-004	0.0161	4.6100e-003	1.8000e-004	4.7900e-003	0.0000	58.7449	58.7449	3.9000e-003	0.0000	58.8424
Worker	0.0145	8.2600e-003	0.0925	3.6000e-004	0.0497	2.6000e-004	0.0500	0.0132	2.4000e-004	0.0134	0.0000	32.5575	32.5575	6.8000e-004	0.0000	32.5746
Total	0.0191	0.1772	0.1442	9.6000e-004	0.0657	4.5000e-004	0.0661	0.0178	4.2000e-004	0.0182	0.0000	91.3024	91.3024	4.5800e-003	0.0000	91.4170

3.6 Paving - 2029

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	tons/yr										MT/yr					
Off-Road	0.0542	0.5132	0.8055	1.2300e-003		0.0242	0.0242		0.0223	0.0223	0.0000	107.0392	107.0392	0.0339	0.0000	107.8873
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0542	0.5132	0.8055	1.2300e-003		0.0242	0.0242		0.0223	0.0223	0.0000	107.0392	107.0392	0.0339	0.0000	107.8873

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3.6 Paving - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392
Total	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392

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	tons/yr										MT/yr					
Off-Road	0.0542	0.5132	0.8055	1.2300e-003		0.0242	0.0242		0.0223	0.0223	0.0000	107.0390	107.0390	0.0339	0.0000	107.8871
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0542	0.5132	0.8055	1.2300e-003		0.0242	0.0242		0.0223	0.0223	0.0000	107.0390	107.0390	0.0339	0.0000	107.8871

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3.6 Paving - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392
Total	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392

3.7 Architectural Coating - 2029

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	tons/yr										MT/yr					
Archit. Coating	0.5377					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6175	17.6175	9.6000e-004	0.0000	17.6415
Total	0.5495	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6175	17.6175	9.6000e-004	0.0000	17.6415

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3.7 Architectural Coating - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.6100e-003	9.2000e-004	0.0103	4.0000e-005	5.5300e-003	3.0000e-005	5.5600e-003	1.4700e-003	3.0000e-005	1.5000e-003	0.0000	3.6242	3.6242	8.0000e-005	0.0000	3.6261
Total	1.6100e-003	9.2000e-004	0.0103	4.0000e-005	5.5300e-003	3.0000e-005	5.5600e-003	1.4700e-003	3.0000e-005	1.5000e-003	0.0000	3.6242	3.6242	8.0000e-005	0.0000	3.6261

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	tons/yr										MT/yr					
Archit. Coating	0.5377					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6174	17.6174	9.6000e-004	0.0000	17.6415
Total	0.5495	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6174	17.6174	9.6000e-004	0.0000	17.6415

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3.7 Architectural Coating - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.6100e-003	9.2000e-004	0.0103	4.0000e-005	5.5300e-003	3.0000e-005	5.5600e-003	1.4700e-003	3.0000e-005	1.5000e-003	0.0000	3.6242	3.6242	8.0000e-005	0.0000	3.6261
Total	1.6100e-003	9.2000e-004	0.0103	4.0000e-005	5.5300e-003	3.0000e-005	5.5600e-003	1.4700e-003	3.0000e-005	1.5000e-003	0.0000	3.6242	3.6242	8.0000e-005	0.0000	3.6261

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

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5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	134.6057	134.6057	5.4400e-003	1.2500e-003	135.1156
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	134.6057	134.6057	5.4400e-003	1.2500e-003	135.1156
NaturalGas Mitigated	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
NaturalGas Unmitigated	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512

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	tons/yr										MT/yr					
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
Total		6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512

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5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
Total		6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
Total		134.6057	5.4400e-003	1.2500e-003	135.1156

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
Total		134.6057	5.4400e-003	1.2500e-003	135.1156

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Unmitigated	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003

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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	tons/yr										MT/yr					
Architectural Coating	0.0538					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4530					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-004	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Total	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003

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	tons/yr										MT/yr					
Architectural Coating	0.0538					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4530					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-004	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Total	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003

7.0 Water Detail

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7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	59.4930	0.8762	0.0211	87.6889
Unmitigated	59.4930	0.8762	0.0211	87.6889

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
Total		59.4930	0.8762	0.0211	87.6889

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
Total		59.4930	0.8762	0.0211	87.6889

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	29.1982	1.7256	0.0000	72.3374
Unmitigated	29.1982	1.7256	0.0000	72.3374

No Industrial - 2030 - San Diego County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
Total		29.1982	1.7256	0.0000	72.3374

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
Total		29.1982	1.7256	0.0000	72.3374

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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No Industrial - 2030 - San Diego County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

No Industrial - 2030 - San Diego County, Summer

No Industrial - 2030
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	116.00	1000sqft	2.66	116,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	321.79	CH4 Intensity (lb/MW hr)	0.013	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SDG&E intensity factors adjusted for 2030

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

No Industrial - 2030 - San Diego County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	20.00	125.00
tblConstructionPhase	NumDays	3.00	75.00
tblConstructionPhase	NumDays	6.00	194.00
tblConstructionPhase	NumDays	220.00	1,945.00
tblConstructionPhase	NumDays	10.00	138.00
tblConstructionPhase	NumDays	10.00	138.00
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24NG	4.31	3.02
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00

2.0 Emissions Summary

No Industrial - 2030 - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	2.0380	20.2360	14.8373	0.0252	6.6345	1.0416	7.5508	3.3893	0.9722	4.2323	0.0000	2,438.0385	2,438.0385	0.7693	0.0000	2,457.2709
2022	2.0692	17.0041	16.0288	0.0340	6.6345	0.7428	7.3773	3.3893	0.6834	4.0727	0.0000	3,222.0817	3,222.0817	0.6475	0.0000	3,234.3430
2023	1.9065	15.1551	15.7648	0.0337	0.5311	0.6180	1.1491	0.1438	0.5921	0.7359	0.0000	3,193.7636	3,193.7636	0.4776	0.0000	3,205.7046
2024	1.7810	14.3269	15.5642	0.0335	0.5311	0.5423	1.0735	0.1438	0.5193	0.6631	0.0000	3,175.8888	3,175.8888	0.4699	0.0000	3,187.6372
2025	1.6658	13.4997	15.3940	0.0333	0.5311	0.4742	1.0053	0.1438	0.4537	0.5975	0.0000	3,158.4877	3,158.4877	0.4624	0.0000	3,170.0483
2026	1.6590	13.4745	15.3301	0.0332	0.5311	0.4740	1.0052	0.1438	0.4536	0.5974	0.0000	3,142.9460	3,142.9460	0.4615	0.0000	3,154.4846
2027	1.6524	13.4507	15.2736	0.0330	0.5311	0.4739	1.0050	0.1438	0.4535	0.5972	0.0000	3,129.1564	3,129.1564	0.4608	0.0000	3,140.6759
2028	1.6456	13.4306	15.2262	0.0329	0.5311	0.4737	1.0048	0.1438	0.4533	0.5971	0.0000	3,117.1713	3,117.1713	0.4601	0.0000	3,128.6743
2029	10.4447	22.0232	29.0630	0.0551	0.7365	0.8763	1.6128	0.1983	0.8289	1.0272	0.0000	5,250.5188	5,250.5188	1.0201	0.0000	5,276.0209
Maximum	10.4447	22.0232	29.0630	0.0551	6.6345	1.0416	7.5508	3.3893	0.9722	4.2323	0.0000	5,250.5188	5,250.5188	1.0201	0.0000	5,276.0209

No Industrial - 2030 - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	2.0380	20.2360	14.8373	0.0252	6.6345	1.0416	7.5508	3.3893	0.9722	4.2323	0.0000	2,438.0385	2,438.0385	0.7693	0.0000	2,457.2709
2022	2.0692	17.0041	16.0288	0.0340	6.6345	0.7428	7.3773	3.3893	0.6834	4.0727	0.0000	3,222.0817	3,222.0817	0.6475	0.0000	3,234.3430
2023	1.9065	15.1551	15.7648	0.0337	0.5311	0.6180	1.1491	0.1438	0.5921	0.7359	0.0000	3,193.7636	3,193.7636	0.4776	0.0000	3,205.7046
2024	1.7810	14.3269	15.5642	0.0335	0.5311	0.5423	1.0735	0.1438	0.5193	0.6631	0.0000	3,175.8888	3,175.8888	0.4699	0.0000	3,187.6372
2025	1.6658	13.4997	15.3940	0.0333	0.5311	0.4742	1.0053	0.1438	0.4537	0.5975	0.0000	3,158.4877	3,158.4877	0.4624	0.0000	3,170.0483
2026	1.6590	13.4745	15.3301	0.0332	0.5311	0.4740	1.0052	0.1438	0.4536	0.5974	0.0000	3,142.9460	3,142.9460	0.4615	0.0000	3,154.4846
2027	1.6524	13.4507	15.2736	0.0330	0.5311	0.4739	1.0050	0.1438	0.4535	0.5972	0.0000	3,129.1564	3,129.1564	0.4608	0.0000	3,140.6759
2028	1.6456	13.4306	15.2262	0.0329	0.5311	0.4737	1.0048	0.1438	0.4533	0.5971	0.0000	3,117.1713	3,117.1713	0.4601	0.0000	3,128.6743
2029	10.4447	22.0232	29.0630	0.0551	0.7365	0.8763	1.6128	0.1983	0.8289	1.0272	0.0000	5,250.5188	5,250.5188	1.0201	0.0000	5,276.0209
Maximum	10.4447	22.0232	29.0630	0.0551	6.6345	1.0416	7.5508	3.3893	0.9722	4.2323	0.0000	5,250.5188	5,250.5188	1.0201	0.0000	5,276.0209

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No Industrial - 2030 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Energy	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Mobile	0.0000	0.0000	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	2.8133	0.3201	0.2806	1.9200e-003	0.0000	0.0244	0.0244	0.0000	0.0244	0.0244		384.0125	384.0125	7.4300e-003	7.0400e-003	386.2960

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	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Energy	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Mobile	0.0000	0.0000	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	2.8133	0.3201	0.2806	1.9200e-003	0.0000	0.0244	0.0244	0.0000	0.0244	0.0244		384.0125	384.0125	7.4300e-003	7.0400e-003	386.2960

No Industrial - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	6/24/2021	5	125	
2	Site Preparation	Site Preparation	6/25/2021	10/7/2021	5	75	
3	Grading	Grading	10/8/2021	7/6/2022	5	194	
4	Building Construction	Building Construction	7/7/2022	12/19/2029	5	1945	
5	Paving	Paving	6/11/2029	12/19/2029	5	138	
6	Architectural Coating	Architectural Coating	6/11/2029	12/19/2029	5	138	

Acres of Grading (Site Preparation Phase): 112.5

Acres of Grading (Grading Phase): 97

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 174,000; Non-Residential Outdoor: 58,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

No Industrial - 2030 - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

No Industrial - 2030 - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	49.00	19.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658

No Industrial - 2030 - San Diego County, Summer

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529
Total	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529

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	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658

No Industrial - 2030 - San Diego County, Summer

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529
Total	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457		2,372.8832	2,372.8832	0.7674		2,392.0692
Total	1.5463	18.2862	10.7496	0.0245	1.5908	0.7019	2.2926	0.1718	0.6457	0.8175		2,372.8832	2,372.8832	0.7674		2,392.0692

No Industrial - 2030 - San Diego County, Summer

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0277	0.0180	0.2122	6.5000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		65.1553	65.1553	1.8600e-003		65.2018
Total	0.0277	0.0180	0.2122	6.5000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		65.1553	65.1553	1.8600e-003		65.2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457	0.0000	2,372.883 2	2,372.883 2	0.7674		2,392.069 2
Total	1.5463	18.2862	10.7496	0.0245	1.5908	0.7019	2.2926	0.1718	0.6457	0.8175	0.0000	2,372.883 2	2,372.883 2	0.7674		2,392.069 2

No Industrial - 2030 - San Diego County, Summer

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0277	0.0180	0.2122	6.5000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		65.1553	65.1553	1.8600e-003		65.2018
Total	0.0277	0.0180	0.2122	6.5000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		65.1553	65.1553	1.8600e-003		65.2018

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425		1,995.6114	1,995.6114	0.6454		2,011.7470
Total	1.8271	20.2135	9.7604	0.0206	6.5523	0.9158	7.4681	3.3675	0.8425	4.2100		1,995.6114	1,995.6114	0.6454		2,011.7470

No Industrial - 2030 - San Diego County, Summer

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470
Total	1.8271	20.2135	9.7604	0.0206	6.5523	0.9158	7.4681	3.3675	0.8425	4.2100	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470

No Industrial - 2030 - San Diego County, Summer

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0346	0.0225	0.2652	8.2000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		81.4441	81.4441	2.3200e-003		81.5022

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
Total	1.5403	16.9836	9.2202	0.0206	6.5523	0.7423	7.2946	3.3675	0.6829	4.0504		1,995.4825	1,995.4825	0.6454		2,011.6169

No Industrial - 2030 - San Diego County, Summer

3.4 Grading - 2022

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	0.0327	0.0205	0.2466	7.9000e-004	0.0822	5.6000e-004	0.0827	0.0218	5.1000e-004	0.0223		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0327	0.0205	0.2466	7.9000e-004	0.0822	5.6000e-004	0.0827	0.0218	5.1000e-004	0.0223		78.4560	78.4560	2.1300e-003		78.5092

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
Total	1.5403	16.9836	9.2202	0.0206	6.5523	0.7423	7.2946	3.3675	0.6829	4.0504	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169

No Industrial - 2030 - San Diego County, Summer

3.4 Grading - 2022

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	0.0327	0.0205	0.2466	7.9000e-004	0.0822	5.6000e-004	0.0827	0.0218	5.1000e-004	0.0223		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0327	0.0205	0.2466	7.9000e-004	0.0822	5.6000e-004	0.0827	0.0218	5.1000e-004	0.0223		78.4560	78.4560	2.1300e-003		78.5092

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2022

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	0.0534	1.8284	0.4670	5.0900e-003	0.1286	3.5000e-003	0.1321	0.0370	3.3400e-003	0.0404		548.3662	548.3662	0.0383		549.3247
Worker	0.1602	0.1004	1.2085	3.8600e-003	0.4025	2.7200e-003	0.4052	0.1068	2.5100e-003	0.1093		384.4343	384.4343	0.0104		384.6953
Total	0.2137	1.9288	1.6755	8.9500e-003	0.5311	6.2200e-003	0.5374	0.1438	5.8500e-003	0.1496		932.8004	932.8004	0.0488		934.0200

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	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2022

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	0.0534	1.8284	0.4670	5.0900e-003	0.1286	3.5000e-003	0.1321	0.0370	3.3400e-003	0.0404		548.3662	548.3662	0.0383		549.3247
Worker	0.1602	0.1004	1.2085	3.8600e-003	0.4025	2.7200e-003	0.4052	0.1068	2.5100e-003	0.1093		384.4343	384.4343	0.0104		384.6953
Total	0.2137	1.9288	1.6755	8.9500e-003	0.5311	6.2200e-003	0.5374	0.1438	5.8500e-003	0.1496		932.8004	932.8004	0.0488		934.0200

3.5 Building Construction - 2023

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	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880		2,289.5233	2,289.5233	0.4330		2,300.3479
Total	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880		2,289.5233	2,289.5233	0.4330		2,300.3479

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2023

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	0.0412	1.4394	0.4278	4.9500e-003	0.1286	1.7000e-003	0.1303	0.0370	1.6200e-003	0.0387		534.5024	534.5024	0.0351		535.3799
Worker	0.1517	0.0917	1.1226	3.7100e-003	0.4025	2.6700e-003	0.4052	0.1068	2.4600e-003	0.1092		369.7379	369.7379	9.5600e-003		369.9768
Total	0.1929	1.5311	1.5504	8.6600e-003	0.5311	4.3700e-003	0.5355	0.1438	4.0800e-003	0.1479		904.2403	904.2403	0.0447		905.3568

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	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880	0.0000	2,289.5233	2,289.5233	0.4330		2,300.3479
Total	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880	0.0000	2,289.5233	2,289.5233	0.4330		2,300.3479

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2023

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	0.0412	1.4394	0.4278	4.9500e-003	0.1286	1.7000e-003	0.1303	0.0370	1.6200e-003	0.0387		534.5024	534.5024	0.0351		535.3799
Worker	0.1517	0.0917	1.1226	3.7100e-003	0.4025	2.6700e-003	0.4052	0.1068	2.4600e-003	0.1092		369.7379	369.7379	9.5600e-003		369.9768
Total	0.1929	1.5311	1.5504	8.6600e-003	0.5311	4.3700e-003	0.5355	0.1438	4.0800e-003	0.1479		904.2403	904.2403	0.0447		905.3568

3.5 Building Construction - 2024

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	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154
Total	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2024

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	0.0397	1.4194	0.4144	4.9100e-003	0.1286	1.6500e-003	0.1303	0.0370	1.5800e-003	0.0386		531.0645	531.0645	0.0347		531.9320
Worker	0.1441	0.0841	1.0496	3.5600e-003	0.4025	2.6200e-003	0.4051	0.1068	2.4100e-003	0.1092		355.1702	355.1702	8.7900e-003		355.3898
Total	0.1838	1.5035	1.4640	8.4700e-003	0.5311	4.2700e-003	0.5354	0.1438	3.9900e-003	0.1478		886.2347	886.2347	0.0435		887.3218

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	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154
Total	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2024

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	0.0397	1.4194	0.4144	4.9100e-003	0.1286	1.6500e-003	0.1303	0.0370	1.5800e-003	0.0386		531.0645	531.0645	0.0347		531.9320
Worker	0.1441	0.0841	1.0496	3.5600e-003	0.4025	2.6200e-003	0.4051	0.1068	2.4100e-003	0.1092		355.1702	355.1702	8.7900e-003		355.3898
Total	0.1838	1.5035	1.4640	8.4700e-003	0.5311	4.2700e-003	0.5354	0.1438	3.9900e-003	0.1478		886.2347	886.2347	0.0435		887.3218

3.5 Building Construction - 2025

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2025

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	0.0386	1.3988	0.4063	4.8700e-003	0.1286	1.6100e-003	0.1302	0.0370	1.5400e-003	0.0386		527.7972	527.7972	0.0344		528.6560
Worker	0.1375	0.0776	0.9805	3.4200e-003	0.4025	2.5800e-003	0.4051	0.1068	2.3700e-003	0.1091		340.8007	340.8007	8.1100e-003		341.0036
Total	0.1761	1.4764	1.3868	8.2900e-003	0.5311	4.1900e-003	0.5353	0.1438	3.9100e-003	0.1477		868.5979	868.5979	0.0425		869.6596

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2025

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	0.0386	1.3988	0.4063	4.8700e-003	0.1286	1.6100e-003	0.1302	0.0370	1.5400e-003	0.0386		527.7972	527.7972	0.0344		528.6560
Worker	0.1375	0.0776	0.9805	3.4200e-003	0.4025	2.5800e-003	0.4051	0.1068	2.3700e-003	0.1091		340.8007	340.8007	8.1100e-003		341.0036
Total	0.1761	1.4764	1.3868	8.2900e-003	0.5311	4.1900e-003	0.5353	0.1438	3.9100e-003	0.1477		868.5979	868.5979	0.0425		869.6596

3.5 Building Construction - 2026

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2026

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	0.0376	1.3790	0.4007	4.8400e-003	0.1286	1.5600e-003	0.1302	0.0370	1.5000e-003	0.0385		524.7394	524.7394	0.0340		525.5900
Worker	0.1317	0.0722	0.9221	3.2900e-003	0.4025	2.5000e-003	0.4050	0.1068	2.3000e-003	0.1091		328.3168	328.3168	7.5600e-003		328.5059
Total	0.1693	1.4512	1.3228	8.1300e-003	0.5311	4.0600e-003	0.5352	0.1438	3.8000e-003	0.1476		853.0562	853.0562	0.0416		854.0959

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2026

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	0.0376	1.3790	0.4007	4.8400e-003	0.1286	1.5600e-003	0.1302	0.0370	1.5000e-003	0.0385		524.7394	524.7394	0.0340		525.5900
Worker	0.1317	0.0722	0.9221	3.2900e-003	0.4025	2.5000e-003	0.4050	0.1068	2.3000e-003	0.1091		328.3168	328.3168	7.5600e-003		328.5059
Total	0.1693	1.4512	1.3228	8.1300e-003	0.5311	4.0600e-003	0.5352	0.1438	3.8000e-003	0.1476		853.0562	853.0562	0.0416		854.0959

3.5 Building Construction - 2027

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2027

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	0.0368	1.3600	0.3960	4.8100e-003	0.1286	1.5300e-003	0.1302	0.0370	1.4600e-003	0.0385		521.9423	521.9423	0.0337		522.7858
Worker	0.1259	0.0674	0.8704	3.1800e-003	0.4025	2.3600e-003	0.4049	0.1068	2.1700e-003	0.1089		317.3243	317.3243	7.0900e-003		317.5015
Total	0.1627	1.4274	1.2664	7.9900e-003	0.5311	3.8900e-003	0.5350	0.1438	3.6300e-003	0.1474		839.2666	839.2666	0.0408		840.2873

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2027

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	0.0368	1.3600	0.3960	4.8100e-003	0.1286	1.5300e-003	0.1302	0.0370	1.4600e-003	0.0385		521.9423	521.9423	0.0337		522.7858
Worker	0.1259	0.0674	0.8704	3.1800e-003	0.4025	2.3600e-003	0.4049	0.1068	2.1700e-003	0.1089		317.3243	317.3243	7.0900e-003		317.5015
Total	0.1627	1.4274	1.2664	7.9900e-003	0.5311	3.8900e-003	0.5350	0.1438	3.6300e-003	0.1474		839.2666	839.2666	0.0408		840.2873

3.5 Building Construction - 2028

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2028

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	0.0361	1.3441	0.3936	4.7800e-003	0.1286	1.5000e-003	0.1301	0.0370	1.4300e-003	0.0385		519.5976	519.5976	0.0335		520.4347
Worker	0.1198	0.0631	0.8254	3.0800e-003	0.4025	2.1900e-003	0.4047	0.1068	2.0100e-003	0.1088		307.6839	307.6839	6.6800e-003		307.8509
Total	0.1559	1.4073	1.2190	7.8600e-003	0.5311	3.6900e-003	0.5348	0.1438	3.4400e-003	0.1472		827.2815	827.2815	0.0402		828.2856

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2028

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	0.0361	1.3441	0.3936	4.7800e-003	0.1286	1.5000e-003	0.1301	0.0370	1.4300e-003	0.0385		519.5976	519.5976	0.0335		520.4347
Worker	0.1198	0.0631	0.8254	3.0800e-003	0.4025	2.1900e-003	0.4047	0.1068	2.0100e-003	0.1088		307.6839	307.6839	6.6800e-003		307.8509
Total	0.1559	1.4073	1.2190	7.8600e-003	0.5311	3.6900e-003	0.5348	0.1438	3.4400e-003	0.1472		827.2815	827.2815	0.0402		828.2856

3.5 Building Construction - 2029

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2029

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	0.0355	1.3278	0.3909	4.7500e-003	0.1286	1.4700e-003	0.1301	0.0370	1.4000e-003	0.0384		517.2998	517.2998	0.0333		518.1322
Worker	0.1132	0.0592	0.7827	3.0000e-003	0.4025	2.0300e-003	0.4046	0.1068	1.8700e-003	0.1086		299.2142	299.2142	6.3000e-003		299.3718
Total	0.1487	1.3870	1.1736	7.7500e-003	0.5311	3.5000e-003	0.5346	0.1438	3.2700e-003	0.1471		816.5140	816.5140	0.0396		817.5040

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Summer

3.5 Building Construction - 2029

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	0.0355	1.3278	0.3909	4.7500e-003	0.1286	1.4700e-003	0.1301	0.0370	1.4000e-003	0.0384		517.2998	517.2998	0.0333		518.1322
Worker	0.1132	0.0592	0.7827	3.0000e-003	0.4025	2.0300e-003	0.4046	0.1068	1.8700e-003	0.1086		299.2142	299.2142	6.3000e-003		299.3718
Total	0.1487	1.3870	1.1736	7.7500e-003	0.5311	3.5000e-003	0.5346	0.1438	3.2700e-003	0.1471		816.5140	816.5140	0.0396		817.5040

3.6 Paving - 2029

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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556

No Industrial - 2030 - San Diego County, Summer

3.6 Paving - 2029

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	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444
Total	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444

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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556

No Industrial - 2030 - San Diego County, Summer

3.6 Paving - 2029

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	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444
Total	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444

3.7 Architectural Coating - 2029

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	7.7922					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	7.9630	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

No Industrial - 2030 - San Diego County, Summer

3.7 Architectural Coating - 2029

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	0.0231	0.0121	0.1597	6.1000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		61.0641	61.0641	1.2900e-003		61.0963
Total	0.0231	0.0121	0.1597	6.1000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		61.0641	61.0641	1.2900e-003		61.0963

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	7.7922					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	7.9630	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

No Industrial - 2030 - San Diego County, Summer

3.7 Architectural Coating - 2029

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	0.0231	0.0121	0.1597	6.1000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		61.0641	61.0641	1.2900e-003		61.0963
Total	0.0231	0.0121	0.1597	6.1000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		61.0641	61.0641	1.2900e-003		61.0963

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

No Industrial - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

No Industrial - 2030 - San Diego County, Summer

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
NaturalGas Unmitigated	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

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					
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Total		0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

No Industrial - 2030 - San Diego County, Summer

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Total		0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Unmitigated	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

No Industrial - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0800e-003	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Total	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0800e-003	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Total	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

7.0 Water Detail

No Industrial - 2030 - San Diego County, Summer

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

No Industrial - 2030 - San Diego County, Winter

No Industrial - 2030
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	116.00	1000sqft	2.66	116,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	321.79	CH4 Intensity (lb/MW hr)	0.013	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SDG&E intensity factors adjusted for 2030

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

No Industrial - 2030 - San Diego County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	20.00	125.00
tblConstructionPhase	NumDays	3.00	75.00
tblConstructionPhase	NumDays	6.00	194.00
tblConstructionPhase	NumDays	220.00	1,945.00
tblConstructionPhase	NumDays	10.00	138.00
tblConstructionPhase	NumDays	10.00	138.00
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24NG	4.31	3.02
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00

2.0 Emissions Summary

No Industrial - 2030 - San Diego County, Winter

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					
2021	2.0440	20.2387	14.8167	0.0251	6.6345	1.0416	7.5508	3.3893	0.9722	4.2323	0.0000	2,434.047 0	2,434.047 0	0.7692	0.0000	2,453.276 9
2022	2.0940	17.0066	16.0067	0.0336	6.6345	0.7428	7.3773	3.3893	0.6834	4.0727	0.0000	3,184.273 8	3,184.273 8	0.6474	0.0000	3,196.578 5
2023	1.9301	15.1598	15.7347	0.0333	0.5311	0.6181	1.1492	0.1438	0.5922	0.7360	0.0000	3,157.369 2	3,157.369 2	0.4790	0.0000	3,169.344 3
2024	1.8038	14.3308	15.5357	0.0332	0.5311	0.5424	1.0736	0.1438	0.5193	0.6631	0.0000	3,140.583 0	3,140.583 0	0.4713	0.0000	3,152.364 4
2025	1.6880	13.5029	15.3678	0.0330	0.5311	0.4742	1.0054	0.1438	0.4538	0.5976	0.0000	3,124.243 2	3,124.243 2	0.4637	0.0000	3,135.835 6
2026	1.6807	13.4770	15.3058	0.0328	0.5311	0.4741	1.0052	0.1438	0.4537	0.5975	0.0000	3,109.631 3	3,109.631 3	0.4628	0.0000	3,121.200 5
2027	1.6735	13.4526	15.2512	0.0327	0.5311	0.4739	1.0051	0.1438	0.4535	0.5973	0.0000	3,096.642 3	3,096.642 3	0.4620	0.0000	3,108.191 4
2028	1.6661	13.4320	15.2056	0.0326	0.5311	0.4737	1.0048	0.1438	0.4533	0.5971	0.0000	3,085.363 3	3,085.363 3	0.4613	0.0000	3,096.894 7
2029	10.4733	22.0278	29.0158	0.0548	0.7365	0.8763	1.6128	0.1983	0.8290	1.0272	0.0000	5,209.995 3	5,209.995 3	1.0210	0.0000	5,235.519 9
Maximum	10.4733	22.0278	29.0158	0.0548	6.6345	1.0416	7.5508	3.3893	0.9722	4.2323	0.0000	5,209.995 3	5,209.995 3	1.0210	0.0000	5,235.519 9

No Industrial - 2030 - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	2.0440	20.2387	14.8167	0.0251	6.6345	1.0416	7.5508	3.3893	0.9722	4.2323	0.0000	2,434.047 0	2,434.047 0	0.7692	0.0000	2,453.276 9
2022	2.0940	17.0066	16.0067	0.0336	6.6345	0.7428	7.3773	3.3893	0.6834	4.0727	0.0000	3,184.273 8	3,184.273 8	0.6474	0.0000	3,196.578 5
2023	1.9301	15.1598	15.7347	0.0333	0.5311	0.6181	1.1492	0.1438	0.5922	0.7360	0.0000	3,157.369 2	3,157.369 2	0.4790	0.0000	3,169.344 3
2024	1.8038	14.3308	15.5357	0.0332	0.5311	0.5424	1.0736	0.1438	0.5193	0.6631	0.0000	3,140.583 0	3,140.583 0	0.4713	0.0000	3,152.364 4
2025	1.6880	13.5029	15.3678	0.0330	0.5311	0.4742	1.0054	0.1438	0.4538	0.5976	0.0000	3,124.243 2	3,124.243 2	0.4637	0.0000	3,135.835 6
2026	1.6807	13.4770	15.3058	0.0328	0.5311	0.4741	1.0052	0.1438	0.4537	0.5975	0.0000	3,109.631 3	3,109.631 3	0.4628	0.0000	3,121.200 5
2027	1.6735	13.4526	15.2512	0.0327	0.5311	0.4739	1.0051	0.1438	0.4535	0.5973	0.0000	3,096.642 3	3,096.642 3	0.4620	0.0000	3,108.191 4
2028	1.6661	13.4320	15.2056	0.0326	0.5311	0.4737	1.0048	0.1438	0.4533	0.5971	0.0000	3,085.363 3	3,085.363 3	0.4613	0.0000	3,096.894 7
2029	10.4733	22.0278	29.0158	0.0548	0.7365	0.8763	1.6128	0.1983	0.8290	1.0272	0.0000	5,209.995 3	5,209.995 3	1.0210	0.0000	5,235.519 9
Maximum	10.4733	22.0278	29.0158	0.0548	6.6345	1.0416	7.5508	3.3893	0.9722	4.2323	0.0000	5,209.995 3	5,209.995 3	1.0210	0.0000	5,235.519 9

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No Industrial - 2030 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Energy	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Mobile	0.0000	0.0000	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	2.8133	0.3201	0.2806	1.9200e-003	0.0000	0.0244	0.0244	0.0000	0.0244	0.0244		384.0125	384.0125	7.4300e-003	7.0400e-003	386.2960

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	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Energy	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Mobile	0.0000	0.0000	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	2.8133	0.3201	0.2806	1.9200e-003	0.0000	0.0244	0.0244	0.0000	0.0244	0.0244		384.0125	384.0125	7.4300e-003	7.0400e-003	386.2960

No Industrial - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	6/24/2021	5	125	
2	Site Preparation	Site Preparation	6/25/2021	10/7/2021	5	75	
3	Grading	Grading	10/8/2021	7/6/2022	5	194	
4	Building Construction	Building Construction	7/7/2022	12/19/2029	5	1945	
5	Paving	Paving	6/11/2029	12/19/2029	5	138	
6	Architectural Coating	Architectural Coating	6/11/2029	12/19/2029	5	138	

Acres of Grading (Site Preparation Phase): 112.5

Acres of Grading (Grading Phase): 97

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 174,000; Non-Residential Outdoor: 58,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

No Industrial - 2030 - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

No Industrial - 2030 - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	49.00	19.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658

No Industrial - 2030 - San Diego County, Winter

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626
Total	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626

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	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658

No Industrial - 2030 - San Diego County, Winter

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626
Total	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457		2,372.883 2	2,372.883 2	0.7674		2,392.069 2
Total	1.5463	18.2862	10.7496	0.0245	1.5908	0.7019	2.2926	0.1718	0.6457	0.8175		2,372.883 2	2,372.883 2	0.7674		2,392.069 2

No Industrial - 2030 - San Diego County, Winter

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0314	0.0202	0.1995	6.1000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		61.1638	61.1638	1.7600e-003		61.2077
Total	0.0314	0.0202	0.1995	6.1000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		61.1638	61.1638	1.7600e-003		61.2077

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					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457	0.0000	2,372.883 2	2,372.883 2	0.7674		2,392.069 2
Total	1.5463	18.2862	10.7496	0.0245	1.5908	0.7019	2.2926	0.1718	0.6457	0.8175	0.0000	2,372.883 2	2,372.883 2	0.7674		2,392.069 2

No Industrial - 2030 - San Diego County, Winter

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0314	0.0202	0.1995	6.1000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		61.1638	61.1638	1.7600e-003		61.2077
Total	0.0314	0.0202	0.1995	6.1000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		61.1638	61.1638	1.7600e-003		61.2077

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425		1,995.6114	1,995.6114	0.6454		2,011.7470
Total	1.8271	20.2135	9.7604	0.0206	6.5523	0.9158	7.4681	3.3675	0.8425	4.2100		1,995.6114	1,995.6114	0.6454		2,011.7470

No Industrial - 2030 - San Diego County, Winter

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470
Total	1.8271	20.2135	9.7604	0.0206	6.5523	0.9158	7.4681	3.3675	0.8425	4.2100	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470

No Industrial - 2030 - San Diego County, Winter

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0392	0.0252	0.2493	7.7000e-004	0.0822	5.7000e-004	0.0827	0.0218	5.2000e-004	0.0223		76.4548	76.4548	2.2000e-003		76.5097

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
Total	1.5403	16.9836	9.2202	0.0206	6.5523	0.7423	7.2946	3.3675	0.6829	4.0504		1,995.4825	1,995.4825	0.6454		2,011.6169

No Industrial - 2030 - San Diego County, Winter

3.4 Grading - 2022

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	0.0372	0.0230	0.2314	7.4000e-004	0.0822	5.6000e-004	0.0827	0.0218	5.1000e-004	0.0223		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0372	0.0230	0.2314	7.4000e-004	0.0822	5.6000e-004	0.0827	0.0218	5.1000e-004	0.0223		73.6526	73.6526	2.0100e-003		73.7028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
Total	1.5403	16.9836	9.2202	0.0206	6.5523	0.7423	7.2946	3.3675	0.6829	4.0504	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169

No Industrial - 2030 - San Diego County, Winter

3.4 Grading - 2022

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	0.0372	0.0230	0.2314	7.4000e-004	0.0822	5.6000e-004	0.0827	0.0218	5.1000e-004	0.0223		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0372	0.0230	0.2314	7.4000e-004	0.0822	5.6000e-004	0.0827	0.0218	5.1000e-004	0.0223		73.6526	73.6526	2.0100e-003		73.7028

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731		2,289.2813	2,289.2813	0.4417		2,300.3230

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2022

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	0.0563	1.8222	0.5198	4.9600e-003	0.1286	3.6400e-003	0.1323	0.0370	3.4800e-003	0.0405		534.0950	534.0950	0.0407		535.1117
Worker	0.1821	0.1127	1.1336	3.6200e-003	0.4025	2.7200e-003	0.4052	0.1068	2.5100e-003	0.1093		360.8975	360.8975	9.8500e-003		361.1439
Total	0.2385	1.9349	1.6534	8.5800e-003	0.5311	6.3600e-003	0.5375	0.1438	5.9900e-003	0.1498		894.9925	894.9925	0.0505		896.2556

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	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230
Total	1.8555	14.6040	14.3533	0.0250		0.7022	0.7022		0.6731	0.6731	0.0000	2,289.2813	2,289.2813	0.4417		2,300.3230

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2022

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	0.0563	1.8222	0.5198	4.9600e-003	0.1286	3.6400e-003	0.1323	0.0370	3.4800e-003	0.0405		534.0950	534.0950	0.0407		535.1117
Worker	0.1821	0.1127	1.1336	3.6200e-003	0.4025	2.7200e-003	0.4052	0.1068	2.5100e-003	0.1093		360.8975	360.8975	9.8500e-003		361.1439
Total	0.2385	1.9349	1.6534	8.5800e-003	0.5311	6.3600e-003	0.5375	0.1438	5.9900e-003	0.1498		894.9925	894.9925	0.0505		896.2556

3.5 Building Construction - 2023

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	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880		2,289.5233	2,289.5233	0.4330		2,300.3479
Total	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880		2,289.5233	2,289.5233	0.4330		2,300.3479

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2023

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	0.0435	1.4330	0.4695	4.8200e-003	0.1286	1.7900e-003	0.1304	0.0370	1.7100e-003	0.0387		520.7317	520.7317	0.0370		521.6572
Worker	0.1730	0.1029	1.0508	3.4800e-003	0.4025	2.6700e-003	0.4052	0.1068	2.4600e-003	0.1092		347.1141	347.1141	9.0100e-003		347.3393
Total	0.2164	1.5359	1.5203	8.3000e-003	0.5311	4.4600e-003	0.5356	0.1438	4.1700e-003	0.1480		867.8459	867.8459	0.0460		868.9965

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	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880	0.0000	2,289.5233	2,289.5233	0.4330		2,300.3479
Total	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880	0.0000	2,289.5233	2,289.5233	0.4330		2,300.3479

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2023

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	0.0435	1.4330	0.4695	4.8200e-003	0.1286	1.7900e-003	0.1304	0.0370	1.7100e-003	0.0387		520.7317	520.7317	0.0370		521.6572
Worker	0.1730	0.1029	1.0508	3.4800e-003	0.4025	2.6700e-003	0.4052	0.1068	2.4600e-003	0.1092		347.1141	347.1141	9.0100e-003		347.3393
Total	0.2164	1.5359	1.5203	8.3000e-003	0.5311	4.4600e-003	0.5356	0.1438	4.1700e-003	0.1480		867.8459	867.8459	0.0460		868.9965

3.5 Building Construction - 2024

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	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154
Total	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2024

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	0.0419	1.4130	0.4546	4.7900e-003	0.1286	1.7400e-003	0.1304	0.0370	1.6600e-003	0.0387		517.4781	517.4781	0.0365		518.3914
Worker	0.1648	0.0944	0.9809	3.3400e-003	0.4025	2.6200e-003	0.4051	0.1068	2.4100e-003	0.1092		333.4509	333.4509	8.2700e-003		333.6576
Total	0.2067	1.5074	1.4355	8.1300e-003	0.5311	4.3600e-003	0.5355	0.1438	4.0700e-003	0.1479		850.9289	850.9289	0.0448		852.0490

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	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154
Total	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2024

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	0.0419	1.4130	0.4546	4.7900e-003	0.1286	1.7400e-003	0.1304	0.0370	1.6600e-003	0.0387		517.4781	517.4781	0.0365		518.3914
Worker	0.1648	0.0944	0.9809	3.3400e-003	0.4025	2.6200e-003	0.4051	0.1068	2.4100e-003	0.1092		333.4509	333.4509	8.2700e-003		333.6576
Total	0.2067	1.5074	1.4355	8.1300e-003	0.5311	4.3600e-003	0.5355	0.1438	4.0700e-003	0.1479		850.9289	850.9289	0.0448		852.0490

3.5 Building Construction - 2025

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2025

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	0.0407	1.3926	0.4453	4.7500e-003	0.1286	1.6800e-003	0.1303	0.0370	1.6100e-003	0.0386		514.3807	514.3807	0.0361		515.2835
Worker	0.1576	0.0870	0.9153	3.2100e-003	0.4025	2.5800e-003	0.4051	0.1068	2.3700e-003	0.1091		319.9727	319.9727	7.6300e-003		320.1634
Total	0.1983	1.4796	1.3606	7.9600e-003	0.5311	4.2600e-003	0.5354	0.1438	3.9800e-003	0.1478		834.3534	834.3534	0.0437		835.4469

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2025

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	0.0407	1.3926	0.4453	4.7500e-003	0.1286	1.6800e-003	0.1303	0.0370	1.6100e-003	0.0386		514.3807	514.3807	0.0361		515.2835
Worker	0.1576	0.0870	0.9153	3.2100e-003	0.4025	2.5800e-003	0.4051	0.1068	2.3700e-003	0.1091		319.9727	319.9727	7.6300e-003		320.1634
Total	0.1983	1.4796	1.3606	7.9600e-003	0.5311	4.2600e-003	0.5354	0.1438	3.9800e-003	0.1478		834.3534	834.3534	0.0437		835.4469

3.5 Building Construction - 2026

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2026

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	0.0396	1.3728	0.4388	4.7200e-003	0.1286	1.6300e-003	0.1303	0.0370	1.5600e-003	0.0386		511.4866	511.4866	0.0357		512.3792
Worker	0.1514	0.0809	0.8599	3.0900e-003	0.4025	2.5000e-003	0.4050	0.1068	2.3000e-003	0.1091		308.2549	308.2549	7.1100e-003		308.4326
Total	0.1910	1.4537	1.2986	7.8100e-003	0.5311	4.1300e-003	0.5353	0.1438	3.8600e-003	0.1477		819.7415	819.7415	0.0428		820.8118

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2026

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	0.0396	1.3728	0.4388	4.7200e-003	0.1286	1.6300e-003	0.1303	0.0370	1.5600e-003	0.0386		511.4866	511.4866	0.0357		512.3792
Worker	0.1514	0.0809	0.8599	3.0900e-003	0.4025	2.5000e-003	0.4050	0.1068	2.3000e-003	0.1091		308.2549	308.2549	7.1100e-003		308.4326
Total	0.1910	1.4537	1.2986	7.8100e-003	0.5311	4.1300e-003	0.5353	0.1438	3.8600e-003	0.1477		819.7415	819.7415	0.0428		820.8118

3.5 Building Construction - 2027

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2027

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	0.0387	1.3538	0.4332	4.6900e-003	0.1286	1.5900e-003	0.1302	0.0370	1.5200e-003	0.0385		508.8249	508.8249	0.0354		509.7088
Worker	0.1451	0.0755	0.8108	2.9900e-003	0.4025	2.3600e-003	0.4049	0.1068	2.1700e-003	0.1089		297.9276	297.9276	6.6500e-003		298.0939
Total	0.1838	1.4293	1.2440	7.6800e-003	0.5311	3.9500e-003	0.5351	0.1438	3.6900e-003	0.1475		806.7525	806.7525	0.0420		807.8027

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2027

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	0.0387	1.3538	0.4332	4.6900e-003	0.1286	1.5900e-003	0.1302	0.0370	1.5200e-003	0.0385		508.8249	508.8249	0.0354		509.7088
Worker	0.1451	0.0755	0.8108	2.9900e-003	0.4025	2.3600e-003	0.4049	0.1068	2.1700e-003	0.1089		297.9276	297.9276	6.6500e-003		298.0939
Total	0.1838	1.4293	1.2440	7.6800e-003	0.5311	3.9500e-003	0.5351	0.1438	3.6900e-003	0.1475		806.7525	806.7525	0.0420		807.8027

3.5 Building Construction - 2028

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2028

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	0.0380	1.3380	0.4303	4.6600e-003	0.1286	1.5500e-003	0.1302	0.0370	1.4800e-003	0.0385		506.6087	506.6087	0.0350		507.4846
Worker	0.1383	0.0707	0.7681	2.9000e-003	0.4025	2.1900e-003	0.4047	0.1068	2.0100e-003	0.1088		288.8648	288.8648	6.2700e-003		289.0214
Total	0.1764	1.4087	1.1984	7.5600e-003	0.5311	3.7400e-003	0.5349	0.1438	3.4900e-003	0.1473		795.4735	795.4735	0.0413		796.5061

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2028

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	0.0380	1.3380	0.4303	4.6600e-003	0.1286	1.5500e-003	0.1302	0.0370	1.4800e-003	0.0385		506.6087	506.6087	0.0350		507.4846
Worker	0.1383	0.0707	0.7681	2.9000e-003	0.4025	2.1900e-003	0.4047	0.1068	2.0100e-003	0.1088		288.8648	288.8648	6.2700e-003		289.0214
Total	0.1764	1.4087	1.1984	7.5600e-003	0.5311	3.7400e-003	0.5349	0.1438	3.4900e-003	0.1473		795.4735	795.4735	0.0413		796.5061

3.5 Building Construction - 2029

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2029

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	0.0374	1.3217	0.4270	4.6400e-003	0.1286	1.5100e-003	0.1301	0.0370	1.4400e-003	0.0385		504.4400	504.4400	0.0348		505.3100
Worker	0.1309	0.0663	0.7275	2.8200e-003	0.4025	2.0300e-003	0.4046	0.1068	1.8700e-003	0.1086		280.8963	280.8963	5.9100e-003		281.0440
Total	0.1683	1.3880	1.1545	7.4600e-003	0.5311	3.5400e-003	0.5347	0.1438	3.3100e-003	0.1471		785.3363	785.3363	0.0407		786.3540

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2030 - San Diego County, Winter

3.5 Building Construction - 2029

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	0.0374	1.3217	0.4270	4.6400e-003	0.1286	1.5100e-003	0.1301	0.0370	1.4400e-003	0.0385		504.4400	504.4400	0.0348		505.3100
Worker	0.1309	0.0663	0.7275	2.8200e-003	0.4025	2.0300e-003	0.4046	0.1068	1.8700e-003	0.1086		280.8963	280.8963	5.9100e-003		281.0440
Total	0.1683	1.3880	1.1545	7.4600e-003	0.5311	3.5400e-003	0.5347	0.1438	3.3100e-003	0.1471		785.3363	785.3363	0.0407		786.3540

3.6 Paving - 2029

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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556

No Industrial - 2030 - San Diego County, Winter

3.6 Paving - 2029

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	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339
Total	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339

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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556

No Industrial - 2030 - San Diego County, Winter

3.6 Paving - 2029

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	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339
Total	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339

3.7 Architectural Coating - 2029

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	7.7922					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	7.9630	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

No Industrial - 2030 - San Diego County, Winter

3.7 Architectural Coating - 2029

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	0.0267	0.0135	0.1485	5.7000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		57.3258	57.3258	1.2100e-003		57.3559
Total	0.0267	0.0135	0.1485	5.7000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		57.3258	57.3258	1.2100e-003		57.3559

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	7.7922					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	7.9630	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

No Industrial - 2030 - San Diego County, Winter

3.7 Architectural Coating - 2029

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	0.0267	0.0135	0.1485	5.7000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		57.3258	57.3258	1.2100e-003		57.3559
Total	0.0267	0.0135	0.1485	5.7000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		57.3258	57.3258	1.2100e-003		57.3559

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

No Industrial - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

No Industrial - 2030 - San Diego County, Winter

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
NaturalGas Unmitigated	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

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					
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Total		0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

No Industrial - 2030 - San Diego County, Winter

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Total		0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Unmitigated	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

No Industrial - 2030 - San Diego County, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0800e-003	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Total	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0800e-003	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Total	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

7.0 Water Detail

No Industrial - 2030 - San Diego County, Winter

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

No Industrial - 2050 - San Diego County, Annual

No Industrial - 2050
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	116.00	1000sqft	2.66	116,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10.00	445.00
tblConstructionPhase	NumDays	220.00	6,266.00
tblConstructionPhase	NumDays	20.00	404.00
tblConstructionPhase	NumDays	6.00	627.00
tblConstructionPhase	NumDays	10.00	445.00
tblConstructionPhase	NumDays	3.00	243.00
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24NG	4.31	3.02
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00

2.0 Emissions Summary

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2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.2660	2.5746	1.9337	3.2800e-003	0.0136	0.1359	0.1495	3.6200e-003	0.1269	0.1305	0.0000	286.8653	286.8653	0.0707	0.0000	288.6317
2022	0.2060	2.1082	1.6189	3.2600e-003	0.2045	0.0948	0.2993	0.0239	0.0881	0.1119	0.0000	286.1867	286.1867	0.0794	0.0000	288.1724
2023	0.1750	1.8714	1.2247	3.0100e-003	0.7724	0.0747	0.8471	0.2631	0.0687	0.3318	0.0000	264.6460	264.6460	0.0833	0.0000	266.7291
2024	0.1744	1.8126	1.1660	2.7900e-003	0.9656	0.0750	1.0407	0.4544	0.0690	0.5234	0.0000	245.3252	245.3252	0.0769	0.0000	247.2478
2025	0.1658	1.6398	1.2330	2.9500e-003	0.8788	0.0645	0.9433	0.4049	0.0596	0.4644	0.0000	258.6931	258.6931	0.0741	0.0000	260.5455
2026	0.2168	1.7605	1.9954	4.3000e-003	0.0677	0.0619	0.1296	0.0184	0.0592	0.0776	0.0000	369.4158	369.4158	0.0547	0.0000	370.7829
2027	0.2159	1.7572	1.9883	4.2800e-003	0.0677	0.0618	0.1296	0.0184	0.0592	0.0776	0.0000	367.8567	367.8567	0.0546	0.0000	369.2215
2028	0.2142	1.7478	1.9748	4.2500e-003	0.0675	0.0616	0.1291	0.0183	0.0589	0.0772	0.0000	365.0979	365.0979	0.0543	0.0000	366.4555
2029	0.2141	1.7518	1.9767	4.2500e-003	0.0677	0.0618	0.1295	0.0184	0.0591	0.0775	0.0000	365.2841	365.2841	0.0544	0.0000	366.6452
2030	0.1800	1.2110	1.9238	4.5600e-003	0.0677	0.0188	0.0865	0.0184	0.0188	0.0372	0.0000	388.9780	388.9780	0.0177	0.0000	389.4206
2031	0.1790	1.2089	1.9188	4.5500e-003	0.0677	0.0188	0.0865	0.0184	0.0188	0.0371	0.0000	388.0635	388.0635	0.0177	0.0000	388.5046
2032	0.1787	1.2117	1.9219	4.5600e-003	0.0680	0.0188	0.0868	0.0185	0.0188	0.0373	0.0000	388.7762	388.7762	0.0177	0.0000	389.2179
2033	0.1766	1.2009	1.9037	4.5200e-003	0.0675	0.0187	0.0862	0.0183	0.0187	0.0370	0.0000	385.1539	385.1539	0.0175	0.0000	385.5912
2034	0.1759	1.1995	1.9002	4.5100e-003	0.0675	0.0187	0.0861	0.0183	0.0186	0.0369	0.0000	384.6010	384.6010	0.0175	0.0000	385.0374

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2035	0.1620	1.1035	1.8967	4.5200e-003	0.0677	0.0106	0.0784	0.0184	0.0106	0.0290	0.0000	385.6171	385.6171	0.0163	0.0000	386.0249
2036	0.1626	1.1078	1.9039	4.5400e-003	0.0680	0.0107	0.0787	0.0185	0.0107	0.0291	0.0000	387.0945	387.0945	0.0164	0.0000	387.5039
2037	0.1620	1.1035	1.8967	4.5200e-003	0.0677	0.0106	0.0784	0.0184	0.0106	0.0290	0.0000	385.6171	385.6171	0.0163	0.0000	386.0249
2038	0.1620	1.1035	1.8967	4.5200e-003	0.0677	0.0106	0.0784	0.0184	0.0106	0.0290	0.0000	385.6171	385.6171	0.0163	0.0000	386.0249
2039	0.1614	1.0993	1.8894	4.5000e-003	0.0675	0.0106	0.0781	0.0183	0.0106	0.0289	0.0000	384.1396	384.1396	0.0163	0.0000	384.5459
2040	0.1573	1.0629	1.8854	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3611	384.3611	0.0159	0.0000	384.7578
2041	0.1573	1.0629	1.8854	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3611	384.3611	0.0159	0.0000	384.7578
2042	0.1573	1.0629	1.8854	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3611	384.3611	0.0159	0.0000	384.7578
2043	0.1573	1.0629	1.8854	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3611	384.3611	0.0159	0.0000	384.7578
2044	0.1573	1.0629	1.8854	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3611	384.3611	0.0159	0.0000	384.7578
2045	0.1558	1.0574	1.8737	4.4800e-003	0.0675	8.2600e-003	0.0757	0.0183	8.2400e-003	0.0266	0.0000	382.2785	382.2785	0.0157	0.0000	382.6707
2046	0.1564	1.0615	1.8810	4.5000e-003	0.0677	8.2900e-003	0.0760	0.0184	8.2700e-003	0.0267	0.0000	383.7488	383.7488	0.0158	0.0000	384.1425
2047	0.1564	1.0615	1.8810	4.5000e-003	0.0677	8.2900e-003	0.0760	0.0184	8.2700e-003	0.0267	0.0000	383.7488	383.7488	0.0158	0.0000	384.1425
2048	0.5154	1.5592	3.4135	7.2400e-003	0.0891	0.0190	0.1081	0.0240	0.0190	0.0430	0.0000	618.2753	618.2753	0.0241	0.0000	618.8774
2049	0.5419	1.5081	3.4005	7.1000e-003	0.0846	0.0194	0.1040	0.0228	0.0194	0.0422	0.0000	606.3219	606.3219	0.0234	0.0000	606.9079
Maximum	0.5419	2.5746	3.4135	7.2400e-003	0.9656	0.1359	1.0407	0.4544	0.1269	0.5234	0.0000	618.2753	618.2753	0.0833	0.0000	618.8774

2.1 Overall Construction

Mitigated Construction

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.2660	2.5746	1.9337	3.2800e-003	0.0136	0.1359	0.1495	3.6200e-003	0.1269	0.1305	0.0000	286.8650	286.8650	0.0707	0.0000	288.6314
2022	0.2060	2.1082	1.6189	3.2600e-003	0.2045	0.0948	0.2993	0.0239	0.0881	0.1119	0.0000	286.1863	286.1863	0.0794	0.0000	288.1721
2023	0.1750	1.8714	1.2247	3.0100e-003	0.7724	0.0747	0.8471	0.2631	0.0687	0.3318	0.0000	264.6456	264.6456	0.0833	0.0000	266.7288
2024	0.1744	1.8126	1.1660	2.7900e-003	0.9656	0.0750	1.0407	0.4544	0.0690	0.5234	0.0000	245.3249	245.3249	0.0769	0.0000	247.2475
2025	0.1658	1.6398	1.2330	2.9500e-003	0.8788	0.0645	0.9433	0.4049	0.0596	0.4644	0.0000	258.6928	258.6928	0.0741	0.0000	260.5452
2026	0.2168	1.7605	1.9954	4.3000e-003	0.0677	0.0619	0.1296	0.0184	0.0592	0.0776	0.0000	369.4155	369.4155	0.0547	0.0000	370.7826
2027	0.2159	1.7572	1.9883	4.2800e-003	0.0677	0.0618	0.1296	0.0184	0.0592	0.0776	0.0000	367.8564	367.8564	0.0546	0.0000	369.2212
2028	0.2142	1.7478	1.9748	4.2500e-003	0.0675	0.0616	0.1291	0.0183	0.0589	0.0772	0.0000	365.0976	365.0976	0.0543	0.0000	366.4552
2029	0.2141	1.7518	1.9767	4.2500e-003	0.0677	0.0618	0.1295	0.0184	0.0591	0.0775	0.0000	365.2837	365.2837	0.0544	0.0000	366.6448
2030	0.1800	1.2110	1.9238	4.5600e-003	0.0677	0.0188	0.0865	0.0184	0.0188	0.0372	0.0000	388.9777	388.9777	0.0177	0.0000	389.4202
2031	0.1790	1.2089	1.9188	4.5500e-003	0.0677	0.0188	0.0865	0.0184	0.0188	0.0371	0.0000	388.0632	388.0632	0.0177	0.0000	388.5043
2032	0.1787	1.2117	1.9219	4.5600e-003	0.0680	0.0188	0.0868	0.0185	0.0188	0.0373	0.0000	388.7758	388.7758	0.0177	0.0000	389.2175
2033	0.1766	1.2009	1.9037	4.5200e-003	0.0675	0.0187	0.0862	0.0183	0.0187	0.0370	0.0000	385.1535	385.1535	0.0175	0.0000	385.5908
2034	0.1759	1.1995	1.9002	4.5100e-003	0.0675	0.0187	0.0861	0.0183	0.0186	0.0369	0.0000	384.6006	384.6006	0.0175	0.0000	385.0371
2035	0.1620	1.1035	1.8967	4.5200e-003	0.0677	0.0106	0.0784	0.0184	0.0106	0.0290	0.0000	385.6167	385.6167	0.0163	0.0000	386.0246
2036	0.1626	1.1078	1.9039	4.5400e-003	0.0680	0.0107	0.0787	0.0185	0.0107	0.0291	0.0000	387.0942	387.0942	0.0164	0.0000	387.5036
2037	0.1620	1.1035	1.8967	4.5200e-003	0.0677	0.0106	0.0784	0.0184	0.0106	0.0290	0.0000	385.6167	385.6167	0.0163	0.0000	386.0246

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2038	0.1620	1.1035	1.8967	4.5200e-003	0.0677	0.0106	0.0784	0.0184	0.0106	0.0290	0.0000	385.6167	385.6167	0.0163	0.0000	386.0246
2039	0.1614	1.0993	1.8894	4.5000e-003	0.0675	0.0106	0.0781	0.0183	0.0106	0.0289	0.0000	384.1393	384.1393	0.0163	0.0000	384.5456
2040	0.1573	1.0629	1.8853	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3608	384.3608	0.0159	0.0000	384.7574
2041	0.1573	1.0629	1.8853	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3608	384.3608	0.0159	0.0000	384.7574
2042	0.1573	1.0629	1.8853	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3608	384.3608	0.0159	0.0000	384.7574
2043	0.1573	1.0629	1.8853	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3608	384.3608	0.0159	0.0000	384.7574
2044	0.1573	1.0629	1.8853	4.5100e-003	0.0677	8.3100e-003	0.0761	0.0184	8.2900e-003	0.0267	0.0000	384.3608	384.3608	0.0159	0.0000	384.7574
2045	0.1558	1.0574	1.8737	4.4800e-003	0.0675	8.2600e-003	0.0757	0.0183	8.2400e-003	0.0266	0.0000	382.2781	382.2781	0.0157	0.0000	382.6704
2046	0.1564	1.0615	1.8810	4.5000e-003	0.0677	8.2900e-003	0.0760	0.0184	8.2700e-003	0.0267	0.0000	383.7484	383.7484	0.0158	0.0000	384.1422
2047	0.1564	1.0615	1.8810	4.5000e-003	0.0677	8.2900e-003	0.0760	0.0184	8.2700e-003	0.0267	0.0000	383.7484	383.7484	0.0158	0.0000	384.1422
2048	0.5154	1.5592	3.4135	7.2400e-003	0.0891	0.0190	0.1081	0.0240	0.0190	0.0430	0.0000	618.2747	618.2747	0.0241	0.0000	618.8767
2049	0.5419	1.5081	3.4005	7.1000e-003	0.0846	0.0194	0.1040	0.0228	0.0194	0.0422	0.0000	606.3213	606.3213	0.0234	0.0000	606.9073
Maximum	0.5419	2.5746	3.4135	7.2400e-003	0.9656	0.1359	1.0407	0.4544	0.1269	0.5234	0.0000	618.2747	618.2747	0.0833	0.0000	618.8767

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	0.6999	0.6999
2	4-1-2021	6-30-2021	0.7073	0.7073

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3	7-1-2021	9-30-2021	0.7151	0.7151
4	10-1-2021	12-31-2021	0.7154	0.7154
5	1-1-2022	3-31-2022	0.5911	0.5911
6	4-1-2022	6-30-2022	0.5973	0.5973
7	7-1-2022	9-30-2022	0.5707	0.5707
8	10-1-2022	12-31-2022	0.5617	0.5617
9	1-1-2023	3-31-2023	0.5023	0.5023
10	4-1-2023	6-30-2023	0.5081	0.5081
11	7-1-2023	9-30-2023	0.5208	0.5208
12	10-1-2023	12-31-2023	0.5210	0.5210
13	1-1-2024	3-31-2024	0.4931	0.4931
14	4-1-2024	6-30-2024	0.4929	0.4929
15	7-1-2024	9-30-2024	0.4983	0.4983
16	10-1-2024	12-31-2024	0.4985	0.4985
17	1-1-2025	3-31-2025	0.4392	0.4392
18	4-1-2025	6-30-2025	0.4439	0.4439
19	7-1-2025	9-30-2025	0.4488	0.4488
20	10-1-2025	12-31-2025	0.4719	0.4719
21	1-1-2026	3-31-2026	0.4872	0.4872
22	4-1-2026	6-30-2026	0.4918	0.4918
23	7-1-2026	9-30-2026	0.4972	0.4972
24	10-1-2026	12-31-2026	0.4980	0.4980
25	1-1-2027	3-31-2027	0.4862	0.4862
26	4-1-2027	6-30-2027	0.4908	0.4908
27	7-1-2027	9-30-2027	0.4962	0.4962
28	10-1-2027	12-31-2027	0.4970	0.4970
29	1-1-2028	3-31-2028	0.4907	0.4907

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30	4-1-2028	6-30-2028	0.4900	0.4900
31	7-1-2028	9-30-2028	0.4954	0.4954
32	10-1-2028	12-31-2028	0.4961	0.4961
33	1-1-2029	3-31-2029	0.4844	0.4844
34	4-1-2029	6-30-2029	0.4891	0.4891
35	7-1-2029	9-30-2029	0.4945	0.4945
36	10-1-2029	12-31-2029	0.4951	0.4951
37	1-1-2030	3-31-2030	0.3427	0.3427
38	4-1-2030	6-30-2030	0.3459	0.3459
39	7-1-2030	9-30-2030	0.3497	0.3497
40	10-1-2030	12-31-2030	0.3504	0.3504
41	1-1-2031	3-31-2031	0.3419	0.3419
42	4-1-2031	6-30-2031	0.3452	0.3452
43	7-1-2031	9-30-2031	0.3490	0.3490
44	10-1-2031	12-31-2031	0.3495	0.3495
45	1-1-2032	3-31-2032	0.3450	0.3450
46	4-1-2032	6-30-2032	0.3445	0.3445
47	7-1-2032	9-30-2032	0.3483	0.3483
48	10-1-2032	12-31-2032	0.3488	0.3488
49	1-1-2033	3-31-2033	0.3406	0.3406
50	4-1-2033	6-30-2033	0.3439	0.3439
51	7-1-2033	9-30-2033	0.3477	0.3477
52	10-1-2033	12-31-2033	0.3482	0.3482
53	1-1-2034	3-31-2034	0.3401	0.3401
54	4-1-2034	6-30-2034	0.3434	0.3434
55	7-1-2034	9-30-2034	0.3472	0.3472
56	10-1-2034	12-31-2034	0.3476	0.3476

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57	1-1-2035	3-31-2035	0.3117	0.3117
58	4-1-2035	6-30-2035	0.3147	0.3147
59	7-1-2035	9-30-2035	0.3182	0.3182
60	10-1-2035	12-31-2035	0.3186	0.3186
61	1-1-2036	3-31-2036	0.3152	0.3152
62	4-1-2036	6-30-2036	0.3147	0.3147
63	7-1-2036	9-30-2036	0.3182	0.3182
64	10-1-2036	12-31-2036	0.3186	0.3186
65	1-1-2037	3-31-2037	0.3117	0.3117
66	4-1-2037	6-30-2037	0.3147	0.3147
67	7-1-2037	9-30-2037	0.3182	0.3182
68	10-1-2037	12-31-2037	0.3186	0.3186
69	1-1-2038	3-31-2038	0.3117	0.3117
70	4-1-2038	6-30-2038	0.3147	0.3147
71	7-1-2038	9-30-2038	0.3182	0.3182
72	10-1-2038	12-31-2038	0.3186	0.3186
73	1-1-2039	3-31-2039	0.3117	0.3117
74	4-1-2039	6-30-2039	0.3147	0.3147
75	7-1-2039	9-30-2039	0.3182	0.3182
76	10-1-2039	12-31-2039	0.3186	0.3186
77	1-1-2040	3-31-2040	0.3038	0.3038
78	4-1-2040	6-30-2040	0.3035	0.3035
79	7-1-2040	9-30-2040	0.3068	0.3068
80	10-1-2040	12-31-2040	0.3071	0.3071
81	1-1-2041	3-31-2041	0.3005	0.3005
82	4-1-2041	6-30-2041	0.3035	0.3035
83	7-1-2041	9-30-2041	0.3068	0.3068

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84	10-1-2041	12-31-2041	0.3071	0.3071
85	1-1-2042	3-31-2042	0.3005	0.3005
86	4-1-2042	6-30-2042	0.3035	0.3035
87	7-1-2042	9-30-2042	0.3068	0.3068
88	10-1-2042	12-31-2042	0.3071	0.3071
89	1-1-2043	3-31-2043	0.3005	0.3005
90	4-1-2043	6-30-2043	0.3035	0.3035
91	7-1-2043	9-30-2043	0.3068	0.3068
92	10-1-2043	12-31-2043	0.3071	0.3071
93	1-1-2044	3-31-2044	0.3038	0.3038
94	4-1-2044	6-30-2044	0.3035	0.3035
95	7-1-2044	9-30-2044	0.3068	0.3068
96	10-1-2044	12-31-2044	0.3071	0.3071
97	1-1-2045	3-31-2045	0.2999	0.2999
98	4-1-2045	6-30-2045	0.3029	0.3029
99	7-1-2045	9-30-2045	0.3063	0.3063
100	10-1-2045	12-31-2045	0.3065	0.3065
101	1-1-2046	3-31-2046	0.2999	0.2999
102	4-1-2046	6-30-2046	0.3029	0.3029
103	7-1-2046	9-30-2046	0.3063	0.3063
104	10-1-2046	12-31-2046	0.3065	0.3065
105	1-1-2047	3-31-2047	0.2999	0.2999
106	4-1-2047	6-30-2047	0.3029	0.3029
107	7-1-2047	9-30-2047	0.3063	0.3063
108	10-1-2047	12-31-2047	0.3065	0.3065
109	1-1-2048	3-31-2048	0.3583	0.3583
110	4-1-2048	6-30-2048	0.5666	0.5666

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111	7-1-2048	9-30-2048	0.5728	0.5728
112	10-1-2048	12-31-2048	0.5733	0.5733
113	1-1-2049	3-31-2049	0.5608	0.5608
114	4-1-2049	6-30-2049	0.5666	0.5666
115	7-1-2049	9-30-2049	0.5728	0.5728
		Highest	0.7154	0.7154

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	tons/yr										MT/yr					
Area	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Energy	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	29.1982	0.0000	29.1982	1.7256	0.0000	72.3374
Water						0.0000	0.0000		0.0000	0.0000	8.5103	0.0000	8.5103	0.8741	0.0206	36.5132
Total	0.5133	0.0584	0.0501	3.5000e-004	0.0000	4.4400e-003	4.4400e-003	0.0000	4.4400e-003	4.4400e-003	37.7086	63.5754	101.2840	2.6009	0.0218	172.8039

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Energy	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	29.1982	0.0000	29.1982	1.7256	0.0000	72.3374
Water						0.0000	0.0000		0.0000	0.0000	8.5103	0.0000	8.5103	0.8741	0.0206	36.5132
Total	0.5133	0.0584	0.0501	3.5000e-004	0.0000	4.4400e-003	4.4400e-003	0.0000	4.4400e-003	4.4400e-003	37.7086	63.5754	101.2840	2.6009	0.0218	172.8039

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 364.5

Acres of Grading (Grading Phase): 313.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 174,000; Non-Residential Outdoor: 58,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	49.00	19.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2601	2.5704	1.8913	3.1500e-003		0.1358	0.1358		0.1268	0.1268	0.0000	274.9809	274.9809	0.0703	0.0000	276.7388
Total	0.2601	2.5704	1.8913	3.1500e-003		0.1358	0.1358		0.1268	0.1268	0.0000	274.9809	274.9809	0.0703	0.0000	276.7388

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	5.9000e-003	4.2100e-003	0.0424	1.3000e-004	0.0136	1.0000e-004	0.0137	3.6200e-003	9.0000e-005	3.7000e-003	0.0000	11.8844	11.8844	3.4000e-004	0.0000	11.8929
Total	5.9000e-003	4.2100e-003	0.0424	1.3000e-004	0.0136	1.0000e-004	0.0137	3.6200e-003	9.0000e-005	3.7000e-003	0.0000	11.8844	11.8844	3.4000e-004	0.0000	11.8929

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	tons/yr										MT/yr					
Off-Road	0.2601	2.5704	1.8913	3.1500e-003		0.1358	0.1358		0.1268	0.1268	0.0000	274.9806	274.9806	0.0703	0.0000	276.7385
Total	0.2601	2.5704	1.8913	3.1500e-003		0.1358	0.1358		0.1268	0.1268	0.0000	274.9806	274.9806	0.0703	0.0000	276.7385

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3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	5.9000e-003	4.2100e-003	0.0424	1.3000e-004	0.0136	1.0000e-004	0.0137	3.6200e-003	9.0000e-005	3.7000e-003	0.0000	11.8844	11.8844	3.4000e-004	0.0000	11.8929
Total	5.9000e-003	4.2100e-003	0.0424	1.3000e-004	0.0136	1.0000e-004	0.0137	3.6200e-003	9.0000e-005	3.7000e-003	0.0000	11.8844	11.8844	3.4000e-004	0.0000	11.8929

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1208	1.1885	0.9982	1.7200e-003		0.0599	0.0599		0.0560	0.0560	0.0000	150.7054	150.7054	0.0384	0.0000	151.6656
Total	0.1208	1.1885	0.9982	1.7200e-003		0.0599	0.0599		0.0560	0.0560	0.0000	150.7054	150.7054	0.0384	0.0000	151.6656

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3.2 Demolition - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0600e-003	2.1000e-003	0.0216	7.0000e-005	7.4500e-003	5.0000e-005	7.5100e-003	1.9800e-003	5.0000e-005	2.0300e-003	0.0000	6.2727	6.2727	1.7000e-004	0.0000	6.2769
Total	3.0600e-003	2.1000e-003	0.0216	7.0000e-005	7.4500e-003	5.0000e-005	7.5100e-003	1.9800e-003	5.0000e-005	2.0300e-003	0.0000	6.2727	6.2727	1.7000e-004	0.0000	6.2769

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	tons/yr										MT/yr					
Off-Road	0.1208	1.1885	0.9982	1.7200e-003		0.0599	0.0599		0.0560	0.0560	0.0000	150.7053	150.7053	0.0384	0.0000	151.6654
Total	0.1208	1.1885	0.9982	1.7200e-003		0.0599	0.0599		0.0560	0.0560	0.0000	150.7053	150.7053	0.0384	0.0000	151.6654

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3.2 Demolition - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.0600e-003	2.1000e-003	0.0216	7.0000e-005	7.4500e-003	5.0000e-005	7.5100e-003	1.9800e-003	5.0000e-005	2.0300e-003	0.0000	6.2727	6.2727	1.7000e-004	0.0000	6.2769
Total	3.0600e-003	2.1000e-003	0.0216	7.0000e-005	7.4500e-003	5.0000e-005	7.5100e-003	1.9800e-003	5.0000e-005	2.0300e-003	0.0000	6.2727	6.2727	1.7000e-004	0.0000	6.2769

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1933	0.0000	0.1933	0.0209	0.0000	0.0209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0806	0.9165	0.5883	1.4300e-003		0.0348	0.0348		0.0320	0.0320	0.0000	126.0503	126.0503	0.0408	0.0000	127.0695
Total	0.0806	0.9165	0.5883	1.4300e-003	0.1933	0.0348	0.2281	0.0209	0.0320	0.0529	0.0000	126.0503	126.0503	0.0408	0.0000	127.0695

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3.3 Site Preparation - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.5400e-003	1.0600e-003	0.0109	3.0000e-005	3.7500e-003	3.0000e-005	3.7800e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.1583	3.1583	9.0000e-005	0.0000	3.1604
Total	1.5400e-003	1.0600e-003	0.0109	3.0000e-005	3.7500e-003	3.0000e-005	3.7800e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.1583	3.1583	9.0000e-005	0.0000	3.1604

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	tons/yr										MT/yr					
Fugitive Dust					0.1933	0.0000	0.1933	0.0209	0.0000	0.0209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0806	0.9165	0.5883	1.4300e-003		0.0348	0.0348		0.0320	0.0320	0.0000	126.0502	126.0502	0.0408	0.0000	127.0693
Total	0.0806	0.9165	0.5883	1.4300e-003	0.1933	0.0348	0.2281	0.0209	0.0320	0.0529	0.0000	126.0502	126.0502	0.0408	0.0000	127.0693

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3.3 Site Preparation - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.5400e-003	1.0600e-003	0.0109	3.0000e-005	3.7500e-003	3.0000e-005	3.7800e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.1583	3.1583	9.0000e-005	0.0000	3.1604
Total	1.5400e-003	1.0600e-003	0.0109	3.0000e-005	3.7500e-003	3.0000e-005	3.7800e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.1583	3.1583	9.0000e-005	0.0000	3.1604

3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
Fugitive Dust					0.1933	0.0000	0.1933	0.0209	0.0000	0.0209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0821	0.8997	0.6163	1.5500e-003		0.0341	0.0341		0.0314	0.0314	0.0000	135.7297	135.7297	0.0439	0.0000	136.8272
Total	0.0821	0.8997	0.6163	1.5500e-003	0.1933	0.0341	0.2274	0.0209	0.0314	0.0523	0.0000	135.7297	135.7297	0.0439	0.0000	136.8272

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3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.5700e-003	1.0400e-003	0.0108	4.0000e-005	4.0400e-003	3.0000e-005	4.0700e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.2713	3.2713	8.0000e-005	0.0000	3.2734
Total	1.5700e-003	1.0400e-003	0.0108	4.0000e-005	4.0400e-003	3.0000e-005	4.0700e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.2713	3.2713	8.0000e-005	0.0000	3.2734

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	tons/yr										MT/yr					
Fugitive Dust					0.1933	0.0000	0.1933	0.0209	0.0000	0.0209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0821	0.8997	0.6163	1.5500e-003		0.0341	0.0341		0.0314	0.0314	0.0000	135.7296	135.7296	0.0439	0.0000	136.8270
Total	0.0821	0.8997	0.6163	1.5500e-003	0.1933	0.0341	0.2274	0.0209	0.0314	0.0523	0.0000	135.7296	135.7296	0.0439	0.0000	136.8270

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3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.5700e-003	1.0400e-003	0.0108	4.0000e-005	4.0400e-003	3.0000e-005	4.0700e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.2713	3.2713	8.0000e-005	0.0000	3.2734
Total	1.5700e-003	1.0400e-003	0.0108	4.0000e-005	4.0400e-003	3.0000e-005	4.0700e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.2713	3.2713	8.0000e-005	0.0000	3.2734

3.4 Grading - 2023

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	tons/yr										MT/yr					
Fugitive Dust					0.5697	0.0000	0.5697	0.2397	0.0000	0.2397	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0893	0.9693	0.5832	1.3800e-003		0.0405	0.0405		0.0373	0.0373	0.0000	121.2962	121.2962	0.0392	0.0000	122.2770
Total	0.0893	0.9693	0.5832	1.3800e-003	0.5697	0.0405	0.6102	0.2397	0.0373	0.2770	0.0000	121.2962	121.2962	0.0392	0.0000	122.2770

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3.4 Grading - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.0900e-003	1.3800e-003	0.0144	5.0000e-005	5.3700e-003	4.0000e-005	5.4100e-003	1.4300e-003	3.0000e-005	1.4600e-003	0.0000	4.3487	4.3487	1.1000e-004	0.0000	4.3516
Total	2.0900e-003	1.3800e-003	0.0144	5.0000e-005	5.3700e-003	4.0000e-005	5.4100e-003	1.4300e-003	3.0000e-005	1.4600e-003	0.0000	4.3487	4.3487	1.1000e-004	0.0000	4.3516

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	tons/yr										MT/yr					
Fugitive Dust					0.5697	0.0000	0.5697	0.2397	0.0000	0.2397	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0893	0.9693	0.5832	1.3800e-003		0.0405	0.0405		0.0373	0.0373	0.0000	121.2961	121.2961	0.0392	0.0000	122.2768
Total	0.0893	0.9693	0.5832	1.3800e-003	0.5697	0.0405	0.6102	0.2397	0.0373	0.2770	0.0000	121.2961	121.2961	0.0392	0.0000	122.2768

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3.4 Grading - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.0900e-003	1.3800e-003	0.0144	5.0000e-005	5.3700e-003	4.0000e-005	5.4100e-003	1.4300e-003	3.0000e-005	1.4600e-003	0.0000	4.3487	4.3487	1.1000e-004	0.0000	4.3516
Total	2.0900e-003	1.3800e-003	0.0144	5.0000e-005	5.3700e-003	4.0000e-005	5.4100e-003	1.4300e-003	3.0000e-005	1.4600e-003	0.0000	4.3487	4.3487	1.1000e-004	0.0000	4.3516

3.4 Grading - 2024

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	tons/yr										MT/yr					
Fugitive Dust					0.9551	0.0000	0.9551	0.4516	0.0000	0.4516	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1705	1.8101	1.1397	2.7000e-003		0.0750	0.0750		0.0690	0.0690	0.0000	237.1572	237.1572	0.0767	0.0000	239.0747
Total	0.1705	1.8101	1.1397	2.7000e-003	0.9551	0.0750	1.0301	0.4516	0.0690	0.5206	0.0000	237.1572	237.1572	0.0767	0.0000	239.0747

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3.4 Grading - 2024

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.8800e-003	2.4800e-003	0.0263	9.0000e-005	0.0105	7.0000e-005	0.0106	2.7900e-003	6.0000e-005	2.8600e-003	0.0000	8.1680	8.1680	2.0000e-004	0.0000	8.1731
Total	3.8800e-003	2.4800e-003	0.0263	9.0000e-005	0.0105	7.0000e-005	0.0106	2.7900e-003	6.0000e-005	2.8600e-003	0.0000	8.1680	8.1680	2.0000e-004	0.0000	8.1731

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	tons/yr										MT/yr					
Fugitive Dust					0.9551	0.0000	0.9551	0.4516	0.0000	0.4516	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1705	1.8101	1.1397	2.7000e-003		0.0750	0.0750		0.0690	0.0690	0.0000	237.1569	237.1569	0.0767	0.0000	239.0744
Total	0.1705	1.8101	1.1397	2.7000e-003	0.9551	0.0750	1.0301	0.4516	0.0690	0.5206	0.0000	237.1569	237.1569	0.0767	0.0000	239.0744

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3.4 Grading - 2024

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.8800e-003	2.4800e-003	0.0263	9.0000e-005	0.0105	7.0000e-005	0.0106	2.7900e-003	6.0000e-005	2.8600e-003	0.0000	8.1680	8.1680	2.0000e-004	0.0000	8.1731
Total	3.8800e-003	2.4800e-003	0.0263	9.0000e-005	0.0105	7.0000e-005	0.0106	2.7900e-003	6.0000e-005	2.8600e-003	0.0000	8.1680	8.1680	2.0000e-004	0.0000	8.1731

3.4 Grading - 2025

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	tons/yr										MT/yr					
Fugitive Dust					0.8618	0.0000	0.8618	0.4003	0.0000	0.4003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1375	1.4350	0.9810	2.3800e-003		0.0573	0.0573		0.0527	0.0527	0.0000	209.1193	209.1193	0.0676	0.0000	210.8102
Total	0.1375	1.4350	0.9810	2.3800e-003	0.8618	0.0573	0.9191	0.4003	0.0527	0.4530	0.0000	209.1193	209.1193	0.0676	0.0000	210.8102

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3.4 Grading - 2025

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.2700e-003	2.0200e-003	0.0217	8.0000e-005	9.2600e-003	6.0000e-005	9.3200e-003	2.4600e-003	6.0000e-005	2.5200e-003	0.0000	6.9104	6.9104	1.6000e-004	0.0000	6.9146
Total	3.2700e-003	2.0200e-003	0.0217	8.0000e-005	9.2600e-003	6.0000e-005	9.3200e-003	2.4600e-003	6.0000e-005	2.5200e-003	0.0000	6.9104	6.9104	1.6000e-004	0.0000	6.9146

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	tons/yr										MT/yr					
Fugitive Dust					0.8618	0.0000	0.8618	0.4003	0.0000	0.4003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1375	1.4350	0.9810	2.3800e-003		0.0573	0.0573		0.0527	0.0527	0.0000	209.1191	209.1191	0.0676	0.0000	210.8099
Total	0.1375	1.4350	0.9810	2.3800e-003	0.8618	0.0573	0.9191	0.4003	0.0527	0.4530	0.0000	209.1191	209.1191	0.0676	0.0000	210.8099

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3.4 Grading - 2025

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.2700e-003	2.0200e-003	0.0217	8.0000e-005	9.2600e-003	6.0000e-005	9.3200e-003	2.4600e-003	6.0000e-005	2.5200e-003	0.0000	6.9104	6.9104	1.6000e-004	0.0000	6.9146
Total	3.2700e-003	2.0200e-003	0.0217	8.0000e-005	9.2600e-003	6.0000e-005	9.3200e-003	2.4600e-003	6.0000e-005	2.5200e-003	0.0000	6.9104	6.9104	1.6000e-004	0.0000	6.9146

3.5 Building Construction - 2025

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	tons/yr										MT/yr					
Off-Road	0.0224	0.1804	0.2101	3.8000e-004		7.0500e-003	7.0500e-003		6.7500e-003	6.7500e-003	0.0000	31.1603	31.1603	5.7100e-003	0.0000	31.3032
Total	0.0224	0.1804	0.2101	3.8000e-004		7.0500e-003	7.0500e-003		6.7500e-003	6.7500e-003	0.0000	31.1603	31.1603	5.7100e-003	0.0000	31.3032

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.9000e-004	0.0211	6.3900e-003	7.0000e-005	1.8900e-003	2.0000e-005	1.9200e-003	5.5000e-004	2.0000e-005	5.7000e-004	0.0000	7.1055	7.1055	4.8000e-004	0.0000	7.1174
Worker	2.0800e-003	1.2800e-003	0.0138	5.0000e-005	5.8900e-003	4.0000e-005	5.9300e-003	1.5700e-003	4.0000e-005	1.6000e-003	0.0000	4.3976	4.3976	1.0000e-004	0.0000	4.4002
Total	2.6700e-003	0.0224	0.0202	1.2000e-004	7.7800e-003	6.0000e-005	7.8500e-003	2.1200e-003	6.0000e-005	2.1700e-003	0.0000	11.5030	11.5030	5.8000e-004	0.0000	11.5176

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	tons/yr										MT/yr					
Off-Road	0.0224	0.1804	0.2101	3.8000e-004		7.0500e-003	7.0500e-003		6.7500e-003	6.7500e-003	0.0000	31.1603	31.1603	5.7100e-003	0.0000	31.3031
Total	0.0224	0.1804	0.2101	3.8000e-004		7.0500e-003	7.0500e-003		6.7500e-003	6.7500e-003	0.0000	31.1603	31.1603	5.7100e-003	0.0000	31.3031

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.9000e-004	0.0211	6.3900e-003	7.0000e-005	1.8900e-003	2.0000e-005	1.9200e-003	5.5000e-004	2.0000e-005	5.7000e-004	0.0000	7.1055	7.1055	4.8000e-004	0.0000	7.1174
Worker	2.0800e-003	1.2800e-003	0.0138	5.0000e-005	5.8900e-003	4.0000e-005	5.9300e-003	1.5700e-003	4.0000e-005	1.6000e-003	0.0000	4.3976	4.3976	1.0000e-004	0.0000	4.4002
Total	2.6700e-003	0.0224	0.0202	1.2000e-004	7.7800e-003	6.0000e-005	7.8500e-003	2.1200e-003	6.0000e-005	2.1700e-003	0.0000	11.5030	11.5030	5.8000e-004	0.0000	11.5176

3.5 Building Construction - 2026

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.0200e-003	0.1810	0.0548	6.2000e-004	0.0165	2.1000e-004	0.0167	4.7500e-003	2.0000e-004	4.9500e-003	0.0000	61.4637	61.4637	4.1200e-003	0.0000	61.5666
Worker	0.0174	0.0104	0.1127	4.1000e-004	0.0513	3.3000e-004	0.0516	0.0136	3.0000e-004	0.0139	0.0000	36.8576	36.8576	8.5000e-004	0.0000	36.8788
Total	0.0224	0.1914	0.1675	1.0300e-003	0.0677	5.4000e-004	0.0683	0.0184	5.0000e-004	0.0189	0.0000	98.3213	98.3213	4.9700e-003	0.0000	98.4454

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	5.0200e-003	0.1810	0.0548	6.2000e-004	0.0165	2.1000e-004	0.0167	4.7500e-003	2.0000e-004	4.9500e-003	0.0000	61.4637	61.4637	4.1200e-003	0.0000	61.5666
Worker	0.0174	0.0104	0.1127	4.1000e-004	0.0513	3.3000e-004	0.0516	0.0136	3.0000e-004	0.0139	0.0000	36.8576	36.8576	8.5000e-004	0.0000	36.8788
Total	0.0224	0.1914	0.1675	1.0300e-003	0.0677	5.4000e-004	0.0683	0.0184	5.0000e-004	0.0189	0.0000	98.3213	98.3213	4.9700e-003	0.0000	98.4454

3.5 Building Construction - 2027

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.9100e-003	0.1785	0.0541	6.2000e-004	0.0165	2.0000e-004	0.0167	4.7500e-003	1.9000e-004	4.9500e-003	0.0000	61.1393	61.1393	4.0800e-003	0.0000	61.2413
Worker	0.0166	9.6900e-003	0.1063	3.9000e-004	0.0513	3.1000e-004	0.0516	0.0136	2.8000e-004	0.0139	0.0000	35.6229	35.6229	8.0000e-004	0.0000	35.6427
Total	0.0215	0.1882	0.1604	1.0100e-003	0.0677	5.1000e-004	0.0683	0.0184	4.7000e-004	0.0189	0.0000	96.7621	96.7621	4.8800e-003	0.0000	96.8840

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.9100e-003	0.1785	0.0541	6.2000e-004	0.0165	2.0000e-004	0.0167	4.7500e-003	1.9000e-004	4.9500e-003	0.0000	61.1393	61.1393	4.0800e-003	0.0000	61.2413
Worker	0.0166	9.6900e-003	0.1063	3.9000e-004	0.0513	3.1000e-004	0.0516	0.0136	2.8000e-004	0.0139	0.0000	35.6229	35.6229	8.0000e-004	0.0000	35.6427
Total	0.0215	0.1882	0.1604	1.0100e-003	0.0677	5.1000e-004	0.0683	0.0184	4.7000e-004	0.0189	0.0000	96.7621	96.7621	4.8800e-003	0.0000	96.8840

3.5 Building Construction - 2028

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	tons/yr										MT/yr					
Off-Road	0.1937	1.5630	1.8209	3.2500e-003		0.0611	0.0611		0.0585	0.0585	0.0000	270.0559	270.0559	0.0495	0.0000	271.2941
Total	0.1937	1.5630	1.8209	3.2500e-003		0.0611	0.0611		0.0585	0.0585	0.0000	270.0559	270.0559	0.0495	0.0000	271.2941

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.8000e-003	0.1757	0.0536	6.2000e-004	0.0164	2.0000e-004	0.0166	4.7300e-003	1.9000e-004	4.9200e-003	0.0000	60.6349	60.6349	4.0300e-003	0.0000	60.7356
Worker	0.0158	9.0500e-003	0.1003	3.8000e-004	0.0511	2.8000e-004	0.0514	0.0136	2.6000e-004	0.0138	0.0000	34.4071	34.4071	7.5000e-004	0.0000	34.4258
Total	0.0206	0.1848	0.1539	1.0000e-003	0.0675	4.8000e-004	0.0680	0.0183	4.5000e-004	0.0188	0.0000	95.0420	95.0420	4.7800e-003	0.0000	95.1614

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	tons/yr										MT/yr					
Off-Road	0.1937	1.5630	1.8209	3.2500e-003		0.0611	0.0611		0.0585	0.0585	0.0000	270.0556	270.0556	0.0495	0.0000	271.2938
Total	0.1937	1.5630	1.8209	3.2500e-003		0.0611	0.0611		0.0585	0.0585	0.0000	270.0556	270.0556	0.0495	0.0000	271.2938

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.8000e-003	0.1757	0.0536	6.2000e-004	0.0164	2.0000e-004	0.0166	4.7300e-003	1.9000e-004	4.9200e-003	0.0000	60.6349	60.6349	4.0300e-003	0.0000	60.7356
Worker	0.0158	9.0500e-003	0.1003	3.8000e-004	0.0511	2.8000e-004	0.0514	0.0136	2.6000e-004	0.0138	0.0000	34.4071	34.4071	7.5000e-004	0.0000	34.4258
Total	0.0206	0.1848	0.1539	1.0000e-003	0.0675	4.8000e-004	0.0680	0.0183	4.5000e-004	0.0188	0.0000	95.0420	95.0420	4.7800e-003	0.0000	95.1614

3.5 Building Construction - 2029

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0946	271.0946	0.0497	0.0000	272.3375

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.7400e-003	0.1743	0.0534	6.1000e-004	0.0165	1.9000e-004	0.0167	4.7500e-003	1.8000e-004	4.9400e-003	0.0000	60.6025	60.6025	4.0200e-003	0.0000	60.7030
Worker	0.0150	8.5200e-003	0.0954	3.7000e-004	0.0513	2.7000e-004	0.0515	0.0136	2.4000e-004	0.0139	0.0000	33.5870	33.5870	7.1000e-004	0.0000	33.6047
Total	0.0197	0.1828	0.1488	9.8000e-004	0.0677	4.6000e-004	0.0682	0.0184	4.2000e-004	0.0188	0.0000	94.1895	94.1895	4.7300e-003	0.0000	94.3076

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	tons/yr										MT/yr					
Off-Road	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372
Total	0.1944	1.5690	1.8279	3.2700e-003		0.0613	0.0613		0.0587	0.0587	0.0000	271.0943	271.0943	0.0497	0.0000	272.3372

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.7400e-003	0.1743	0.0534	6.1000e-004	0.0165	1.9000e-004	0.0167	4.7500e-003	1.8000e-004	4.9400e-003	0.0000	60.6025	60.6025	4.0200e-003	0.0000	60.7030
Worker	0.0150	8.5200e-003	0.0954	3.7000e-004	0.0513	2.7000e-004	0.0515	0.0136	2.4000e-004	0.0139	0.0000	33.5870	33.5870	7.1000e-004	0.0000	33.6047
Total	0.0197	0.1828	0.1488	9.8000e-004	0.0677	4.6000e-004	0.0682	0.0184	4.2000e-004	0.0188	0.0000	94.1895	94.1895	4.7300e-003	0.0000	94.3076

3.5 Building Construction - 2030

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	tons/yr										MT/yr					
Off-Road	0.1613	1.0306	1.7802	3.5900e-003		0.0184	0.0184		0.0184	0.0184	0.0000	295.8422	295.8422	0.0130	0.0000	296.1681
Total	0.1613	1.0306	1.7802	3.5900e-003		0.0184	0.0184		0.0184	0.0184	0.0000	295.8422	295.8422	0.0130	0.0000	296.1681

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3.5 Building Construction - 2030

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.6700e-003	0.1724	0.0532	6.1000e-004	0.0165	1.9000e-004	0.0167	4.7500e-003	1.8000e-004	4.9300e-003	0.0000	60.3863	60.3863	4.0000e-003	0.0000	60.4862
Worker	0.0140	7.9700e-003	0.0904	3.6000e-004	0.0513	2.5000e-004	0.0515	0.0136	2.3000e-004	0.0139	0.0000	32.7495	32.7495	6.7000e-004	0.0000	32.7662
Total	0.0187	0.1804	0.1435	9.7000e-004	0.0677	4.4000e-004	0.0682	0.0184	4.1000e-004	0.0188	0.0000	93.1358	93.1358	4.6700e-003	0.0000	93.2524

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	tons/yr										MT/yr					
Off-Road	0.1613	1.0306	1.7802	3.5900e-003		0.0184	0.0184		0.0184	0.0184	0.0000	295.8419	295.8419	0.0130	0.0000	296.1678
Total	0.1613	1.0306	1.7802	3.5900e-003		0.0184	0.0184		0.0184	0.0184	0.0000	295.8419	295.8419	0.0130	0.0000	296.1678

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3.5 Building Construction - 2030

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.6700e-003	0.1724	0.0532	6.1000e-004	0.0165	1.9000e-004	0.0167	4.7500e-003	1.8000e-004	4.9300e-003	0.0000	60.3863	60.3863	4.0000e-003	0.0000	60.4862
Worker	0.0140	7.9700e-003	0.0904	3.6000e-004	0.0513	2.5000e-004	0.0515	0.0136	2.3000e-004	0.0139	0.0000	32.7495	32.7495	6.7000e-004	0.0000	32.7662
Total	0.0187	0.1804	0.1435	9.7000e-004	0.0677	4.4000e-004	0.0682	0.0184	4.1000e-004	0.0188	0.0000	93.1358	93.1358	4.6700e-003	0.0000	93.2524

3.5 Building Construction - 2031

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	tons/yr										MT/yr					
Off-Road	0.1613	1.0306	1.7802	3.5900e-003		0.0184	0.0184		0.0184	0.0184	0.0000	295.8422	295.8422	0.0130	0.0000	296.1681
Total	0.1613	1.0306	1.7802	3.5900e-003		0.0184	0.0184		0.0184	0.0184	0.0000	295.8422	295.8422	0.0130	0.0000	296.1681

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3.5 Building Construction - 2031

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.6200e-003	0.1709	0.0530	6.1000e-004	0.0165	1.9000e-004	0.0166	4.7500e-003	1.8000e-004	4.9300e-003	0.0000	60.2046	60.2046	3.9800e-003	0.0000	60.3041
Worker	0.0130	7.4700e-003	0.0856	3.5000e-004	0.0513	2.3000e-004	0.0515	0.0136	2.1000e-004	0.0138	0.0000	32.0167	32.0167	6.3000e-004	0.0000	32.0325
Total	0.0177	0.1783	0.1386	9.6000e-004	0.0677	4.2000e-004	0.0682	0.0184	3.9000e-004	0.0188	0.0000	92.2213	92.2213	4.6100e-003	0.0000	92.3365

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	tons/yr										MT/yr					
Off-Road	0.1613	1.0306	1.7802	3.5900e-003		0.0184	0.0184		0.0184	0.0184	0.0000	295.8419	295.8419	0.0130	0.0000	296.1678
Total	0.1613	1.0306	1.7802	3.5900e-003		0.0184	0.0184		0.0184	0.0184	0.0000	295.8419	295.8419	0.0130	0.0000	296.1678

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3.5 Building Construction - 2031

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.6200e-003	0.1709	0.0530	6.1000e-004	0.0165	1.9000e-004	0.0166	4.7500e-003	1.8000e-004	4.9300e-003	0.0000	60.2046	60.2046	3.9800e-003	0.0000	60.3041
Worker	0.0130	7.4700e-003	0.0856	3.5000e-004	0.0513	2.3000e-004	0.0515	0.0136	2.1000e-004	0.0138	0.0000	32.0167	32.0167	6.3000e-004	0.0000	32.0325
Total	0.0177	0.1783	0.1386	9.6000e-004	0.0677	4.2000e-004	0.0682	0.0184	3.9000e-004	0.0188	0.0000	92.2213	92.2213	4.6100e-003	0.0000	92.3365

3.5 Building Construction - 2032

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	tons/yr										MT/yr					
Off-Road	0.1619	1.0345	1.7870	3.6000e-003		0.0184	0.0184		0.0184	0.0184	0.0000	296.9757	296.9757	0.0131	0.0000	297.3029
Total	0.1619	1.0345	1.7870	3.6000e-003		0.0184	0.0184		0.0184	0.0184	0.0000	296.9757	296.9757	0.0131	0.0000	297.3029

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3.5 Building Construction - 2032

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.6000e-003	0.1701	0.0531	6.1000e-004	0.0165	1.8000e-004	0.0167	4.7700e-003	1.8000e-004	4.9500e-003	0.0000	60.2995	60.2995	3.9800e-003	0.0000	60.3990
Worker	0.0122	7.0700e-003	0.0818	3.5000e-004	0.0515	2.1000e-004	0.0517	0.0137	2.0000e-004	0.0139	0.0000	31.5009	31.5009	6.0000e-004	0.0000	31.5160
Total	0.0168	0.1772	0.1349	9.6000e-004	0.0680	3.9000e-004	0.0684	0.0185	3.8000e-004	0.0188	0.0000	91.8005	91.8005	4.5800e-003	0.0000	91.9150

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	tons/yr										MT/yr					
Off-Road	0.1619	1.0345	1.7870	3.6000e-003		0.0184	0.0184		0.0184	0.0184	0.0000	296.9754	296.9754	0.0131	0.0000	297.3025
Total	0.1619	1.0345	1.7870	3.6000e-003		0.0184	0.0184		0.0184	0.0184	0.0000	296.9754	296.9754	0.0131	0.0000	297.3025

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3.5 Building Construction - 2032

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.6000e-003	0.1701	0.0531	6.1000e-004	0.0165	1.8000e-004	0.0167	4.7700e-003	1.8000e-004	4.9500e-003	0.0000	60.2995	60.2995	3.9800e-003	0.0000	60.3990
Worker	0.0122	7.0700e-003	0.0818	3.5000e-004	0.0515	2.1000e-004	0.0517	0.0137	2.0000e-004	0.0139	0.0000	31.5009	31.5009	6.0000e-004	0.0000	31.5160
Total	0.0168	0.1772	0.1349	9.6000e-004	0.0680	3.9000e-004	0.0684	0.0185	3.8000e-004	0.0188	0.0000	91.8005	91.8005	4.5800e-003	0.0000	91.9150

3.5 Building Construction - 2033

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	tons/yr										MT/yr					
Off-Road	0.1607	1.0266	1.7734	3.5700e-003		0.0183	0.0183		0.0183	0.0183	0.0000	294.7087	294.7087	0.0130	0.0000	295.0334
Total	0.1607	1.0266	1.7734	3.5700e-003		0.0183	0.0183		0.0183	0.0183	0.0000	294.7087	294.7087	0.0130	0.0000	295.0334

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3.5 Building Construction - 2033

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5300e-003	0.1675	0.0527	6.0000e-004	0.0164	1.8000e-004	0.0166	4.7300e-003	1.7000e-004	4.9100e-003	0.0000	59.7302	59.7302	3.9300e-003	0.0000	59.8286
Worker	0.0113	6.6600e-003	0.0776	3.4000e-004	0.0511	2.0000e-004	0.0513	0.0136	1.8000e-004	0.0138	0.0000	30.7149	30.7149	5.7000e-004	0.0000	30.7292
Total	0.0159	0.1742	0.1303	9.4000e-004	0.0675	3.8000e-004	0.0679	0.0183	3.5000e-004	0.0187	0.0000	90.4451	90.4451	4.5000e-003	0.0000	90.5578

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	tons/yr										MT/yr					
Off-Road	0.1607	1.0266	1.7734	3.5700e-003		0.0183	0.0183		0.0183	0.0183	0.0000	294.7084	294.7084	0.0130	0.0000	295.0330
Total	0.1607	1.0266	1.7734	3.5700e-003		0.0183	0.0183		0.0183	0.0183	0.0000	294.7084	294.7084	0.0130	0.0000	295.0330

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3.5 Building Construction - 2033

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5300e-003	0.1675	0.0527	6.0000e-004	0.0164	1.8000e-004	0.0166	4.7300e-003	1.7000e-004	4.9100e-003	0.0000	59.7302	59.7302	3.9300e-003	0.0000	59.8286
Worker	0.0113	6.6600e-003	0.0776	3.4000e-004	0.0511	2.0000e-004	0.0513	0.0136	1.8000e-004	0.0138	0.0000	30.7149	30.7149	5.7000e-004	0.0000	30.7292
Total	0.0159	0.1742	0.1303	9.4000e-004	0.0675	3.8000e-004	0.0679	0.0183	3.5000e-004	0.0187	0.0000	90.4451	90.4451	4.5000e-003	0.0000	90.5578

3.5 Building Construction - 2034

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	tons/yr										MT/yr					
Off-Road	0.1607	1.0266	1.7734	3.5700e-003		0.0183	0.0183		0.0183	0.0183	0.0000	294.7087	294.7087	0.0130	0.0000	295.0334
Total	0.1607	1.0266	1.7734	3.5700e-003		0.0183	0.0183		0.0183	0.0183	0.0000	294.7087	294.7087	0.0130	0.0000	295.0334

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3.5 Building Construction - 2034

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5100e-003	0.1665	0.0526	6.0000e-004	0.0164	1.8000e-004	0.0166	4.7300e-003	1.7000e-004	4.9000e-003	0.0000	59.6474	59.6474	3.9200e-003	0.0000	59.7455
Worker	0.0107	6.3600e-003	0.0742	3.3000e-004	0.0511	1.9000e-004	0.0513	0.0136	1.7000e-004	0.0137	0.0000	30.2448	30.2448	5.5000e-004	0.0000	30.2586
Total	0.0152	0.1728	0.1268	9.3000e-004	0.0675	3.7000e-004	0.0678	0.0183	3.4000e-004	0.0186	0.0000	89.8923	89.8923	4.4700e-003	0.0000	90.0041

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	tons/yr										MT/yr					
Off-Road	0.1607	1.0266	1.7734	3.5700e-003		0.0183	0.0183		0.0183	0.0183	0.0000	294.7084	294.7084	0.0130	0.0000	295.0330
Total	0.1607	1.0266	1.7734	3.5700e-003		0.0183	0.0183		0.0183	0.0183	0.0000	294.7084	294.7084	0.0130	0.0000	295.0330

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3.5 Building Construction - 2034

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5100e-003	0.1665	0.0526	6.0000e-004	0.0164	1.8000e-004	0.0166	4.7300e-003	1.7000e-004	4.9000e-003	0.0000	59.6474	59.6474	3.9200e-003	0.0000	59.7455
Worker	0.0107	6.3600e-003	0.0742	3.3000e-004	0.0511	1.9000e-004	0.0513	0.0136	1.7000e-004	0.0137	0.0000	30.2448	30.2448	5.5000e-004	0.0000	30.2586
Total	0.0152	0.1728	0.1268	9.3000e-004	0.0675	3.7000e-004	0.0678	0.0183	3.4000e-004	0.0186	0.0000	89.8923	89.8923	4.4700e-003	0.0000	90.0041

3.5 Building Construction - 2035

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	tons/yr										MT/yr					
Off-Road	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8422	295.8422	0.0119	0.0000	296.1386
Total	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8422	295.8422	0.0119	0.0000	296.1386

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3.5 Building Construction - 2035

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5000e-003	0.1662	0.0527	6.0000e-004	0.0165	1.8000e-004	0.0166	4.7500e-003	1.7000e-004	4.9200e-003	0.0000	59.8123	59.8123	3.9300e-003	0.0000	59.9105
Worker	0.0102	6.1500e-003	0.0716	3.3000e-004	0.0513	1.7000e-004	0.0515	0.0136	1.6000e-004	0.0138	0.0000	29.9626	29.9626	5.3000e-004	0.0000	29.9758
Total	0.0147	0.1723	0.1243	9.3000e-004	0.0677	3.5000e-004	0.0681	0.0184	3.3000e-004	0.0187	0.0000	89.7748	89.7748	4.4600e-003	0.0000	89.8863

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	tons/yr										MT/yr					
Off-Road	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8419	295.8419	0.0119	0.0000	296.1383
Total	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8419	295.8419	0.0119	0.0000	296.1383

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3.5 Building Construction - 2035

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5000e-003	0.1662	0.0527	6.0000e-004	0.0165	1.8000e-004	0.0166	4.7500e-003	1.7000e-004	4.9200e-003	0.0000	59.8123	59.8123	3.9300e-003	0.0000	59.9105
Worker	0.0102	6.1500e-003	0.0716	3.3000e-004	0.0513	1.7000e-004	0.0515	0.0136	1.6000e-004	0.0138	0.0000	29.9626	29.9626	5.3000e-004	0.0000	29.9758
Total	0.0147	0.1723	0.1243	9.3000e-004	0.0677	3.5000e-004	0.0681	0.0184	3.3000e-004	0.0187	0.0000	89.7748	89.7748	4.4600e-003	0.0000	89.8863

3.5 Building Construction - 2036

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	tons/yr										MT/yr					
Off-Road	0.1479	0.9348	1.7791	3.6000e-003		0.0103	0.0103		0.0103	0.0103	0.0000	296.9757	296.9757	0.0119	0.0000	297.2733
Total	0.1479	0.9348	1.7791	3.6000e-003		0.0103	0.0103		0.0103	0.0103	0.0000	296.9757	296.9757	0.0119	0.0000	297.2733

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3.5 Building Construction - 2036

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5200e-003	0.1668	0.0529	6.1000e-004	0.0165	1.8000e-004	0.0167	4.7700e-003	1.7000e-004	4.9400e-003	0.0000	60.0414	60.0414	3.9400e-003	0.0000	60.1400
Worker	0.0102	6.1800e-003	0.0719	3.3000e-004	0.0515	1.7000e-004	0.0517	0.0137	1.6000e-004	0.0138	0.0000	30.0774	30.0774	5.3000e-004	0.0000	30.0907
Total	0.0147	0.1730	0.1248	9.4000e-004	0.0680	3.5000e-004	0.0684	0.0185	3.3000e-004	0.0188	0.0000	90.1188	90.1188	4.4700e-003	0.0000	90.2307

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	tons/yr										MT/yr					
Off-Road	0.1479	0.9348	1.7791	3.6000e-003		0.0103	0.0103		0.0103	0.0103	0.0000	296.9754	296.9754	0.0119	0.0000	297.2729
Total	0.1479	0.9348	1.7791	3.6000e-003		0.0103	0.0103		0.0103	0.0103	0.0000	296.9754	296.9754	0.0119	0.0000	297.2729

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3.5 Building Construction - 2036

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5200e-003	0.1668	0.0529	6.1000e-004	0.0165	1.8000e-004	0.0167	4.7700e-003	1.7000e-004	4.9400e-003	0.0000	60.0414	60.0414	3.9400e-003	0.0000	60.1400
Worker	0.0102	6.1800e-003	0.0719	3.3000e-004	0.0515	1.7000e-004	0.0517	0.0137	1.6000e-004	0.0138	0.0000	30.0774	30.0774	5.3000e-004	0.0000	30.0907
Total	0.0147	0.1730	0.1248	9.4000e-004	0.0680	3.5000e-004	0.0684	0.0185	3.3000e-004	0.0188	0.0000	90.1188	90.1188	4.4700e-003	0.0000	90.2307

3.5 Building Construction - 2037

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	tons/yr										MT/yr					
Off-Road	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8422	295.8422	0.0119	0.0000	296.1386
Total	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8422	295.8422	0.0119	0.0000	296.1386

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3.5 Building Construction - 2037

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5000e-003	0.1662	0.0527	6.0000e-004	0.0165	1.8000e-004	0.0166	4.7500e-003	1.7000e-004	4.9200e-003	0.0000	59.8123	59.8123	3.9300e-003	0.0000	59.9105
Worker	0.0102	6.1500e-003	0.0716	3.3000e-004	0.0513	1.7000e-004	0.0515	0.0136	1.6000e-004	0.0138	0.0000	29.9626	29.9626	5.3000e-004	0.0000	29.9758
Total	0.0147	0.1723	0.1243	9.3000e-004	0.0677	3.5000e-004	0.0681	0.0184	3.3000e-004	0.0187	0.0000	89.7748	89.7748	4.4600e-003	0.0000	89.8863

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	tons/yr										MT/yr					
Off-Road	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8419	295.8419	0.0119	0.0000	296.1383
Total	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8419	295.8419	0.0119	0.0000	296.1383

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3.5 Building Construction - 2037

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5000e-003	0.1662	0.0527	6.0000e-004	0.0165	1.8000e-004	0.0166	4.7500e-003	1.7000e-004	4.9200e-003	0.0000	59.8123	59.8123	3.9300e-003	0.0000	59.9105
Worker	0.0102	6.1500e-003	0.0716	3.3000e-004	0.0513	1.7000e-004	0.0515	0.0136	1.6000e-004	0.0138	0.0000	29.9626	29.9626	5.3000e-004	0.0000	29.9758
Total	0.0147	0.1723	0.1243	9.3000e-004	0.0677	3.5000e-004	0.0681	0.0184	3.3000e-004	0.0187	0.0000	89.7748	89.7748	4.4600e-003	0.0000	89.8863

3.5 Building Construction - 2038

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	tons/yr										MT/yr					
Off-Road	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8422	295.8422	0.0119	0.0000	296.1386
Total	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8422	295.8422	0.0119	0.0000	296.1386

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3.5 Building Construction - 2038

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5000e-003	0.1662	0.0527	6.0000e-004	0.0165	1.8000e-004	0.0166	4.7500e-003	1.7000e-004	4.9200e-003	0.0000	59.8123	59.8123	3.9300e-003	0.0000	59.9105
Worker	0.0102	6.1500e-003	0.0716	3.3000e-004	0.0513	1.7000e-004	0.0515	0.0136	1.6000e-004	0.0138	0.0000	29.9626	29.9626	5.3000e-004	0.0000	29.9758
Total	0.0147	0.1723	0.1243	9.3000e-004	0.0677	3.5000e-004	0.0681	0.0184	3.3000e-004	0.0187	0.0000	89.7748	89.7748	4.4600e-003	0.0000	89.8863

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	tons/yr										MT/yr					
Off-Road	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8419	295.8419	0.0119	0.0000	296.1383
Total	0.1474	0.9312	1.7723	3.5900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	295.8419	295.8419	0.0119	0.0000	296.1383

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3.5 Building Construction - 2038

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.5000e-003	0.1662	0.0527	6.0000e-004	0.0165	1.8000e-004	0.0166	4.7500e-003	1.7000e-004	4.9200e-003	0.0000	59.8123	59.8123	3.9300e-003	0.0000	59.9105
Worker	0.0102	6.1500e-003	0.0716	3.3000e-004	0.0513	1.7000e-004	0.0515	0.0136	1.6000e-004	0.0138	0.0000	29.9626	29.9626	5.3000e-004	0.0000	29.9758
Total	0.0147	0.1723	0.1243	9.3000e-004	0.0677	3.5000e-004	0.0681	0.0184	3.3000e-004	0.0187	0.0000	89.7748	89.7748	4.4600e-003	0.0000	89.8863

3.5 Building Construction - 2039

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	tons/yr										MT/yr					
Off-Road	0.1468	0.9276	1.7655	3.5700e-003		0.0103	0.0103		0.0103	0.0103	0.0000	294.7087	294.7087	0.0118	0.0000	295.0040
Total	0.1468	0.9276	1.7655	3.5700e-003		0.0103	0.0103		0.0103	0.0103	0.0000	294.7087	294.7087	0.0118	0.0000	295.0040

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3.5 Building Construction - 2039

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4800e-003	0.1655	0.0525	6.0000e-004	0.0164	1.8000e-004	0.0166	4.7300e-003	1.7000e-004	4.9000e-003	0.0000	59.5831	59.5831	3.9100e-003	0.0000	59.6809
Worker	0.0101	6.1300e-003	0.0713	3.3000e-004	0.0511	1.7000e-004	0.0513	0.0136	1.6000e-004	0.0137	0.0000	29.8478	29.8478	5.3000e-004	0.0000	29.8610
Total	0.0146	0.1717	0.1239	9.3000e-004	0.0675	3.5000e-004	0.0678	0.0183	3.3000e-004	0.0186	0.0000	89.4309	89.4309	4.4400e-003	0.0000	89.5419

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	tons/yr										MT/yr					
Off-Road	0.1468	0.9276	1.7655	3.5700e-003		0.0103	0.0103		0.0103	0.0103	0.0000	294.7084	294.7084	0.0118	0.0000	295.0037
Total	0.1468	0.9276	1.7655	3.5700e-003		0.0103	0.0103		0.0103	0.0103	0.0000	294.7084	294.7084	0.0118	0.0000	295.0037

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3.5 Building Construction - 2039

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4800e-003	0.1655	0.0525	6.0000e-004	0.0164	1.8000e-004	0.0166	4.7300e-003	1.7000e-004	4.9000e-003	0.0000	59.5831	59.5831	3.9100e-003	0.0000	59.6809
Worker	0.0101	6.1300e-003	0.0713	3.3000e-004	0.0511	1.7000e-004	0.0513	0.0136	1.6000e-004	0.0137	0.0000	29.8478	29.8478	5.3000e-004	0.0000	29.8610
Total	0.0146	0.1717	0.1239	9.3000e-004	0.0675	3.5000e-004	0.0678	0.0183	3.3000e-004	0.0186	0.0000	89.4309	89.4309	4.4400e-003	0.0000	89.5419

3.5 Building Construction - 2040

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306

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3.5 Building Construction - 2040

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303

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3.5 Building Construction - 2040

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

3.5 Building Construction - 2041

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306

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3.5 Building Construction - 2041

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303

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3.5 Building Construction - 2041

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

3.5 Building Construction - 2042

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306

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3.5 Building Construction - 2042

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303

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3.5 Building Construction - 2042

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

3.5 Building Construction - 2043

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306

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3.5 Building Construction - 2043

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303

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3.5 Building Construction - 2043

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

3.5 Building Construction - 2044

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306

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3.5 Building Construction - 2044

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303

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3.5 Building Construction - 2044

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4400e-003	0.1633	0.0521	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9200e-003	0.0000	59.7499	59.7499	3.8800e-003	0.0000	59.8469
Worker	8.0600e-003	5.3600e-003	0.0624	3.2000e-004	0.0513	1.3000e-004	0.0514	0.0136	1.2000e-004	0.0138	0.0000	28.7689	28.7689	4.6000e-004	0.0000	28.7803
Total	0.0125	0.1687	0.1145	9.2000e-004	0.0677	3.0000e-004	0.0680	0.0184	2.8000e-004	0.0187	0.0000	88.5188	88.5188	4.3400e-003	0.0000	88.6272

3.5 Building Construction - 2045

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	tons/yr										MT/yr					
Off-Road	0.1442	0.8908	1.7641	3.5700e-003		7.9700e-003	7.9700e-003		7.9700e-003	7.9700e-003	0.0000	294.7089	294.7089	0.0115	0.0000	294.9960
Total	0.1442	0.8908	1.7641	3.5700e-003		7.9700e-003	7.9700e-003		7.9700e-003	7.9700e-003	0.0000	294.7089	294.7089	0.0115	0.0000	294.9960

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3.5 Building Construction - 2045

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.3900e-003	0.1616	0.0511	6.0000e-004	0.0164	1.7000e-004	0.0166	4.7300e-003	1.6000e-004	4.8900e-003	0.0000	59.3649	59.3649	3.7700e-003	0.0000	59.4592
Worker	7.1600e-003	5.0600e-003	0.0586	3.1000e-004	0.0511	1.2000e-004	0.0512	0.0136	1.1000e-004	0.0137	0.0000	28.2047	28.2047	4.3000e-004	0.0000	28.2155
Total	0.0116	0.1667	0.1097	9.1000e-004	0.0675	2.9000e-004	0.0678	0.0183	2.7000e-004	0.0186	0.0000	87.5696	87.5696	4.2000e-003	0.0000	87.6747

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	tons/yr										MT/yr					
Off-Road	0.1442	0.8908	1.7641	3.5700e-003		7.9700e-003	7.9700e-003		7.9700e-003	7.9700e-003	0.0000	294.7085	294.7085	0.0115	0.0000	294.9957
Total	0.1442	0.8908	1.7641	3.5700e-003		7.9700e-003	7.9700e-003		7.9700e-003	7.9700e-003	0.0000	294.7085	294.7085	0.0115	0.0000	294.9957

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3.5 Building Construction - 2045

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.3900e-003	0.1616	0.0511	6.0000e-004	0.0164	1.7000e-004	0.0166	4.7300e-003	1.6000e-004	4.8900e-003	0.0000	59.3649	59.3649	3.7700e-003	0.0000	59.4592
Worker	7.1600e-003	5.0600e-003	0.0586	3.1000e-004	0.0511	1.2000e-004	0.0512	0.0136	1.1000e-004	0.0137	0.0000	28.2047	28.2047	4.3000e-004	0.0000	28.2155
Total	0.0116	0.1667	0.1097	9.1000e-004	0.0675	2.9000e-004	0.0678	0.0183	2.7000e-004	0.0186	0.0000	87.5696	87.5696	4.2000e-003	0.0000	87.6747

3.5 Building Construction - 2046

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306

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3.5 Building Construction - 2046

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4000e-003	0.1622	0.0513	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9100e-003	0.0000	59.5932	59.5932	3.7900e-003	0.0000	59.6879
Worker	7.1900e-003	5.0800e-003	0.0588	3.1000e-004	0.0513	1.2000e-004	0.0514	0.0136	1.1000e-004	0.0137	0.0000	28.3132	28.3132	4.3000e-004	0.0000	28.3240
Total	0.0116	0.1673	0.1101	9.1000e-004	0.0677	2.9000e-004	0.0680	0.0184	2.7000e-004	0.0187	0.0000	87.9064	87.9064	4.2200e-003	0.0000	88.0119

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303

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3.5 Building Construction - 2046

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4000e-003	0.1622	0.0513	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9100e-003	0.0000	59.5932	59.5932	3.7900e-003	0.0000	59.6879
Worker	7.1900e-003	5.0800e-003	0.0588	3.1000e-004	0.0513	1.2000e-004	0.0514	0.0136	1.1000e-004	0.0137	0.0000	28.3132	28.3132	4.3000e-004	0.0000	28.3240
Total	0.0116	0.1673	0.1101	9.1000e-004	0.0677	2.9000e-004	0.0680	0.0184	2.7000e-004	0.0187	0.0000	87.9064	87.9064	4.2200e-003	0.0000	88.0119

3.5 Building Construction - 2047

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8424	295.8424	0.0115	0.0000	296.1306

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3.5 Building Construction - 2047

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4000e-003	0.1622	0.0513	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9100e-003	0.0000	59.5932	59.5932	3.7900e-003	0.0000	59.6879
Worker	7.1900e-003	5.0800e-003	0.0588	3.1000e-004	0.0513	1.2000e-004	0.0514	0.0136	1.1000e-004	0.0137	0.0000	28.3132	28.3132	4.3000e-004	0.0000	28.3240
Total	0.0116	0.1673	0.1101	9.1000e-004	0.0677	2.9000e-004	0.0680	0.0184	2.7000e-004	0.0187	0.0000	87.9064	87.9064	4.2200e-003	0.0000	88.0119

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	tons/yr										MT/yr					
Off-Road	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303
Total	0.1448	0.8942	1.7708	3.5900e-003		8.0000e-003	8.0000e-003		8.0000e-003	8.0000e-003	0.0000	295.8420	295.8420	0.0115	0.0000	296.1303

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3.5 Building Construction - 2047

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4000e-003	0.1622	0.0513	6.0000e-004	0.0165	1.7000e-004	0.0166	4.7500e-003	1.6000e-004	4.9100e-003	0.0000	59.5932	59.5932	3.7900e-003	0.0000	59.6879
Worker	7.1900e-003	5.0800e-003	0.0588	3.1000e-004	0.0513	1.2000e-004	0.0514	0.0136	1.1000e-004	0.0137	0.0000	28.3132	28.3132	4.3000e-004	0.0000	28.3240
Total	0.0116	0.1673	0.1101	9.1000e-004	0.0677	2.9000e-004	0.0680	0.0184	2.7000e-004	0.0187	0.0000	87.9064	87.9064	4.2200e-003	0.0000	88.0119

3.5 Building Construction - 2048

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	tons/yr										MT/yr					
Off-Road	0.1454	0.8976	1.7776	3.6000e-003		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	296.9758	296.9758	0.0116	0.0000	297.2652
Total	0.1454	0.8976	1.7776	3.6000e-003		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	296.9758	296.9758	0.0116	0.0000	297.2652

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3.5 Building Construction - 2048

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4200e-003	0.1629	0.0515	6.0000e-004	0.0165	1.7000e-004	0.0167	4.7700e-003	1.6000e-004	4.9300e-003	0.0000	59.8216	59.8216	3.8000e-003	0.0000	59.9166
Worker	7.2100e-003	5.1000e-003	0.0591	3.1000e-004	0.0515	1.2000e-004	0.0516	0.0137	1.1000e-004	0.0138	0.0000	28.4217	28.4217	4.3000e-004	0.0000	28.4325
Total	0.0116	0.1680	0.1105	9.1000e-004	0.0680	2.9000e-004	0.0683	0.0185	2.7000e-004	0.0187	0.0000	88.2432	88.2432	4.2300e-003	0.0000	88.3491

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	tons/yr										MT/yr					
Off-Road	0.1454	0.8976	1.7776	3.6000e-003		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	296.9755	296.9755	0.0116	0.0000	297.2649
Total	0.1454	0.8976	1.7776	3.6000e-003		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	296.9755	296.9755	0.0116	0.0000	297.2649

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3.5 Building Construction - 2048

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	4.4200e-003	0.1629	0.0515	6.0000e-004	0.0165	1.7000e-004	0.0167	4.7700e-003	1.6000e-004	4.9300e-003	0.0000	59.8216	59.8216	3.8000e-003	0.0000	59.9166
Worker	7.2100e-003	5.1000e-003	0.0591	3.1000e-004	0.0515	1.2000e-004	0.0516	0.0137	1.1000e-004	0.0138	0.0000	28.4217	28.4217	4.3000e-004	0.0000	28.4325
Total	0.0116	0.1680	0.1105	9.1000e-004	0.0680	2.9000e-004	0.0683	0.0185	2.7000e-004	0.0187	0.0000	88.2432	88.2432	4.2300e-003	0.0000	88.3491

3.5 Building Construction - 2049

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	tons/yr										MT/yr					
Off-Road	0.1304	0.8051	1.5944	3.2300e-003		7.2100e-003	7.2100e-003		7.2100e-003	7.2100e-003	0.0000	266.3715	266.3715	0.0104	0.0000	266.6310
Total	0.1304	0.8051	1.5944	3.2300e-003		7.2100e-003	7.2100e-003		7.2100e-003	7.2100e-003	0.0000	266.3715	266.3715	0.0104	0.0000	266.6310

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3.5 Building Construction - 2049

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	3.9600e-003	0.1461	0.0462	5.4000e-004	0.0148	1.5000e-004	0.0150	4.2800e-003	1.5000e-004	4.4200e-003	0.0000	53.6568	53.6568	3.4100e-003	0.0000	53.7420
Worker	6.4700e-003	4.5700e-003	0.0530	2.8000e-004	0.0462	1.1000e-004	0.0463	0.0123	1.0000e-004	0.0124	0.0000	25.4927	25.4927	3.9000e-004	0.0000	25.5025
Total	0.0104	0.1506	0.0991	8.2000e-004	0.0610	2.6000e-004	0.0613	0.0166	2.5000e-004	0.0168	0.0000	79.1495	79.1495	3.8000e-003	0.0000	79.2445

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	tons/yr										MT/yr					
Off-Road	0.1304	0.8051	1.5944	3.2300e-003		7.2100e-003	7.2100e-003		7.2100e-003	7.2100e-003	0.0000	266.3712	266.3712	0.0104	0.0000	266.6307
Total	0.1304	0.8051	1.5944	3.2300e-003		7.2100e-003	7.2100e-003		7.2100e-003	7.2100e-003	0.0000	266.3712	266.3712	0.0104	0.0000	266.6307

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3.5 Building Construction - 2049

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	3.9600e-003	0.1461	0.0462	5.4000e-004	0.0148	1.5000e-004	0.0150	4.2800e-003	1.5000e-004	4.4200e-003	0.0000	53.6568	53.6568	3.4100e-003	0.0000	53.7420
Worker	6.4700e-003	4.5700e-003	0.0530	2.8000e-004	0.0462	1.1000e-004	0.0463	0.0123	1.0000e-004	0.0124	0.0000	25.4927	25.4927	3.9000e-004	0.0000	25.5025
Total	0.0104	0.1506	0.0991	8.2000e-004	0.0610	2.6000e-004	0.0613	0.0166	2.5000e-004	0.0168	0.0000	79.1495	79.1495	3.8000e-003	0.0000	79.2445

3.6 Paving - 2048

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	tons/yr										MT/yr					
Off-Road	0.0897	0.4152	1.3130	2.2800e-003		9.8600e-003	9.8600e-003		9.8600e-003	9.8600e-003	0.0000	194.6242	194.6242	7.1500e-003	0.0000	194.8030
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0897	0.4152	1.3130	2.2800e-003		9.8600e-003	9.8600e-003		9.8600e-003	9.8600e-003	0.0000	194.6242	194.6242	7.1500e-003	0.0000	194.8030

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3.6 Paving - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764
Total	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764

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	tons/yr										MT/yr					
Off-Road	0.0897	0.4152	1.3130	2.2800e-003		9.8600e-003	9.8600e-003		9.8600e-003	9.8600e-003	0.0000	194.6240	194.6240	7.1500e-003	0.0000	194.8028
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0897	0.4152	1.3130	2.2800e-003		9.8600e-003	9.8600e-003		9.8600e-003	9.8600e-003	0.0000	194.6240	194.6240	7.1500e-003	0.0000	194.8028

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3.6 Paving - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764
Total	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764

3.6 Paving - 2049

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	tons/yr										MT/yr					
Off-Road	0.1003	0.4646	1.4693	2.5600e-003		0.0110	0.0110		0.0110	0.0110	0.0000	217.7938	217.7938	8.0000e-003	0.0000	217.9938
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1003	0.4646	1.4693	2.5600e-003		0.0110	0.0110		0.0110	0.0110	0.0000	217.7938	217.7938	8.0000e-003	0.0000	217.9938

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3.6 Paving - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069
Total	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069

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	tons/yr										MT/yr					
Off-Road	0.1003	0.4646	1.4693	2.5600e-003		0.0110	0.0110		0.0110	0.0110	0.0000	217.7935	217.7935	8.0000e-003	0.0000	217.9936
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1003	0.4646	1.4693	2.5600e-003		0.0110	0.0110		0.0110	0.0110	0.0000	217.7935	217.7935	8.0000e-003	0.0000	217.9936

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3.6 Paving - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069
Total	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069

3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
Archit. Coating	0.2537					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8092	26.8092	9.4000e-004	0.0000	26.8328
Total	0.2658	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8092	26.8092	9.4000e-004	0.0000	26.8328

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3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.1800e-003	8.3000e-004	9.6600e-003	5.0000e-005	8.4200e-003	2.0000e-005	8.4400e-003	2.2400e-003	2.0000e-005	2.2600e-003	0.0000	4.6491	4.6491	7.0000e-005	0.0000	4.6509
Total	1.1800e-003	8.3000e-004	9.6600e-003	5.0000e-005	8.4200e-003	2.0000e-005	8.4400e-003	2.2400e-003	2.0000e-005	2.2600e-003	0.0000	4.6491	4.6491	7.0000e-005	0.0000	4.6509

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	tons/yr										MT/yr					
Archit. Coating	0.2537					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8091	26.8091	9.4000e-004	0.0000	26.8327
Total	0.2658	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8091	26.8091	9.4000e-004	0.0000	26.8327

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3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.1800e-003	8.3000e-004	9.6600e-003	5.0000e-005	8.4200e-003	2.0000e-005	8.4400e-003	2.2400e-003	2.0000e-005	2.2600e-003	0.0000	4.6491	4.6491	7.0000e-005	0.0000	4.6509
Total	1.1800e-003	8.3000e-004	9.6600e-003	5.0000e-005	8.4200e-003	2.0000e-005	8.4400e-003	2.2400e-003	2.0000e-005	2.2600e-003	0.0000	4.6491	4.6491	7.0000e-005	0.0000	4.6509

3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
Archit. Coating	0.2839					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271
Total	0.2974	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271

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3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.3200e-003	9.3000e-004	0.0108	6.0000e-005	9.4200e-003	2.0000e-005	9.4400e-003	2.5000e-003	2.0000e-005	2.5200e-003	0.0000	5.2026	5.2026	8.0000e-005	0.0000	5.2046
Total	1.3200e-003	9.3000e-004	0.0108	6.0000e-005	9.4200e-003	2.0000e-005	9.4400e-003	2.5000e-003	2.0000e-005	2.5200e-003	0.0000	5.2026	5.2026	8.0000e-005	0.0000	5.2046

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	tons/yr										MT/yr					
Archit. Coating	0.2839					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271
Total	0.2974	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271

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3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.3200e-003	9.3000e-004	0.0108	6.0000e-005	9.4200e-003	2.0000e-005	9.4400e-003	2.5000e-003	2.0000e-005	2.5200e-003	0.0000	5.2026	5.2026	8.0000e-005	0.0000	5.2046
Total	1.3200e-003	9.3000e-004	0.0108	6.0000e-005	9.4200e-003	2.0000e-005	9.4400e-003	2.5000e-003	2.0000e-005	2.5200e-003	0.0000	5.2026	5.2026	8.0000e-005	0.0000	5.2046

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

No Industrial - 2050 - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

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5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
NaturalGas Unmitigated	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512

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	tons/yr										MT/yr					
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
Total		6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512

No Industrial - 2050 - San Diego County, Annual

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
Total		6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

No Industrial - 2050 - San Diego County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Unmitigated	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003

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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	tons/yr										MT/yr					
Architectural Coating	0.0538					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4530					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-004	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Total	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003

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	tons/yr										MT/yr					
Architectural Coating	0.0538					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4530					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-004	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003
Total	0.5069	1.0000e-005	1.0600e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0700e-003	2.0700e-003	1.0000e-005	0.0000	2.2100e-003

7.0 Water Detail

No Industrial - 2050 - San Diego County, Annual

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	8.5103	0.8741	0.0206	36.5132
Unmitigated	8.5103	0.8741	0.0206	36.5132

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
Total		8.5103	0.8741	0.0206	36.5132

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
Total		8.5103	0.8741	0.0206	36.5132

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	29.1982	1.7256	0.0000	72.3374
Unmitigated	29.1982	1.7256	0.0000	72.3374

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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
Total		29.1982	1.7256	0.0000	72.3374

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
Total		29.1982	1.7256	0.0000	72.3374

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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No Industrial - 2050 - San Diego County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

No Industrial - 2050 - San Diego County, Summer

No Industrial - 2050
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	116.00	1000sqft	2.66	116,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

No Industrial - 2050 - San Diego County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10.00	445.00
tblConstructionPhase	NumDays	220.00	6,266.00
tblConstructionPhase	NumDays	20.00	404.00
tblConstructionPhase	NumDays	6.00	627.00
tblConstructionPhase	NumDays	10.00	445.00
tblConstructionPhase	NumDays	3.00	243.00
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24NG	4.31	3.02
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00

2.0 Emissions Summary

No Industrial - 2050 - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	2.0380	19.7258	14.8373	0.0252	0.1068	1.0416	1.1484	0.0283	0.9722	1.0005	0.0000	2,428.594 4	2,428.594 4	0.5970	0.0000	2,443.518 6
2022	1.7315	16.6484	14.2811	0.0252	1.6565	0.8386	2.2521	0.1892	0.7835	0.8119	0.0000	2,437.921 7	2,437.921 7	0.7699	0.0000	2,457.168 7
2023	1.3640	14.4863	9.9653	0.0251	6.6345	0.6049	7.2394	3.3893	0.5565	3.9458	0.0000	2,435.228 8	2,435.228 8	0.7696	0.0000	2,454.469 7
2024	1.3309	13.8350	8.9140	0.0213	6.6345	0.5728	7.2073	3.3893	0.5270	3.9162	0.0000	2,068.064 0	2,068.064 0	0.6472	0.0000	2,084.244 1
2025	1.6658	13.4997	15.3940	0.0333	6.6345	0.4966	7.1311	3.3893	0.4569	3.8461	0.0000	3,158.487 7	3,158.487 7	0.6471	0.0000	3,170.048 3
2026	1.6590	13.4745	15.3301	0.0332	0.5311	0.4740	1.0052	0.1438	0.4536	0.5974	0.0000	3,142.946 0	3,142.946 0	0.4615	0.0000	3,154.484 6
2027	1.6524	13.4507	15.2736	0.0330	0.5311	0.4739	1.0050	0.1438	0.4535	0.5972	0.0000	3,129.156 4	3,129.156 4	0.4608	0.0000	3,140.675 9
2028	1.6456	13.4306	15.2262	0.0329	0.5311	0.4737	1.0048	0.1438	0.4533	0.5971	0.0000	3,117.171 3	3,117.171 3	0.4601	0.0000	3,128.674 3
2029	1.6384	13.4103	15.1808	0.0328	0.5311	0.4735	1.0046	0.1438	0.4531	0.5969	0.0000	3,106.403 8	3,106.403 8	0.4596	0.0000	3,117.892 7
2030	1.3773	9.2667	14.7733	0.0351	0.5311	0.1440	0.6752	0.1438	0.1438	0.2876	0.0000	3,306.134 5	3,306.134 5	0.1492	0.0000	3,309.864 5
2031	1.3694	9.2513	14.7337	0.0351	0.5311	0.1439	0.6750	0.1438	0.1437	0.2875	0.0000	3,298.058 2	3,298.058 2	0.1487	0.0000	3,301.776 3
2032	1.3624	9.2377	14.7001	0.0350	0.5311	0.1437	0.6749	0.1438	0.1435	0.2873	0.0000	3,291.249 2	3,291.249 2	0.1483	0.0000	3,294.957 7
2033	1.3563	9.2257	14.6713	0.0349	0.5311	0.1436	0.6748	0.1438	0.1434	0.2872	0.0000	3,285.452 4	3,285.452 4	0.1480	0.0000	3,289.152 6
2034	1.3511	9.2153	14.6434	0.0349	0.5311	0.1435	0.6746	0.1438	0.1433	0.2871	0.0000	3,280.558 8	3,280.558 8	0.1477	0.0000	3,284.251 7

No Industrial - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2035	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2
2036	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2
2037	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2
2038	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2
2039	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2
2040	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2041	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2042	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2043	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2044	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2045	1.1964	8.1244	14.4345	0.0347	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,259.987 0	3,259.987 0	0.1327	0.0000	3,263.305 0
2046	1.1964	8.1244	14.4345	0.0347	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,259.987 0	3,259.987 0	0.1327	0.0000	3,263.305 0
2047	1.1964	8.1244	14.4345	0.0347	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,259.987 0	3,259.987 0	0.1327	0.0000	3,263.305 0
2048	4.6091	12.8236	28.9811	0.0607	0.7365	0.1653	0.9019	0.1983	0.1652	0.3634	0.0000	5,713.396 1	5,713.396 1	0.2197	0.0000	5,718.888 1
2049	4.6091	12.8236	28.9811	0.0607	0.7365	0.1653	0.9019	0.1983	0.1652	0.3634	0.0000	5,713.396 1	5,713.396 1	0.2197	0.0000	5,718.888 1
Maximum	4.6091	19.7258	28.9811	0.0607	6.6345	1.0416	7.2394	3.3893	0.9722	3.9458	0.0000	5,713.396 1	5,713.396 1	0.7699	0.0000	5,718.888 1

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

No Industrial - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	2.0380	19.7258	14.8373	0.0252	0.1068	1.0416	1.1484	0.0283	0.9722	1.0005	0.0000	2,428.594 4	2,428.594 4	0.5970	0.0000	2,443.518 6
2022	1.7315	16.6484	14.2811	0.0252	1.6565	0.8386	2.2521	0.1892	0.7835	0.8119	0.0000	2,437.921 7	2,437.921 7	0.7699	0.0000	2,457.168 7
2023	1.3640	14.4863	9.9653	0.0251	6.6345	0.6049	7.2394	3.3893	0.5565	3.9458	0.0000	2,435.228 8	2,435.228 8	0.7696	0.0000	2,454.469 7
2024	1.3309	13.8350	8.9140	0.0213	6.6345	0.5728	7.2073	3.3893	0.5270	3.9162	0.0000	2,068.064 0	2,068.064 0	0.6472	0.0000	2,084.244 1
2025	1.6658	13.4997	15.3940	0.0333	6.6345	0.4966	7.1311	3.3893	0.4569	3.8461	0.0000	3,158.487 7	3,158.487 7	0.6471	0.0000	3,170.048 3
2026	1.6590	13.4745	15.3301	0.0332	0.5311	0.4740	1.0052	0.1438	0.4536	0.5974	0.0000	3,142.946 0	3,142.946 0	0.4615	0.0000	3,154.484 6
2027	1.6524	13.4507	15.2736	0.0330	0.5311	0.4739	1.0050	0.1438	0.4535	0.5972	0.0000	3,129.156 4	3,129.156 4	0.4608	0.0000	3,140.675 9
2028	1.6456	13.4306	15.2262	0.0329	0.5311	0.4737	1.0048	0.1438	0.4533	0.5971	0.0000	3,117.171 3	3,117.171 3	0.4601	0.0000	3,128.674 3
2029	1.6384	13.4103	15.1808	0.0328	0.5311	0.4735	1.0046	0.1438	0.4531	0.5969	0.0000	3,106.403 8	3,106.403 8	0.4596	0.0000	3,117.892 7
2030	1.3773	9.2667	14.7733	0.0351	0.5311	0.1440	0.6752	0.1438	0.1438	0.2876	0.0000	3,306.134 5	3,306.134 5	0.1492	0.0000	3,309.864 5
2031	1.3694	9.2513	14.7337	0.0351	0.5311	0.1439	0.6750	0.1438	0.1437	0.2875	0.0000	3,298.058 2	3,298.058 2	0.1487	0.0000	3,301.776 3
2032	1.3624	9.2377	14.7001	0.0350	0.5311	0.1437	0.6749	0.1438	0.1435	0.2873	0.0000	3,291.249 2	3,291.249 2	0.1483	0.0000	3,294.957 7
2033	1.3563	9.2257	14.6713	0.0349	0.5311	0.1436	0.6748	0.1438	0.1434	0.2872	0.0000	3,285.452 4	3,285.452 4	0.1480	0.0000	3,289.152 6
2034	1.3511	9.2153	14.6434	0.0349	0.5311	0.1435	0.6746	0.1438	0.1433	0.2871	0.0000	3,280.558 8	3,280.558 8	0.1477	0.0000	3,284.251 7
2035	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2
2036	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2
2037	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2

No Industrial - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2038	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2
2039	1.2395	8.4451	14.5589	0.0348	0.5311	0.0815	0.6127	0.1438	0.0813	0.2251	0.0000	3,276.475 0	3,276.475 0	0.1375	0.0000	3,279.912 2
2040	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2041	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2042	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2043	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2044	1.2034	8.1345	14.4691	0.0347	0.5311	0.0637	0.5948	0.1438	0.0635	0.2073	0.0000	3,265.374 3	3,265.374 3	0.1337	0.0000	3,268.716 8
2045	1.1964	8.1244	14.4345	0.0347	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,259.987 0	3,259.987 0	0.1327	0.0000	3,263.305 0
2046	1.1964	8.1244	14.4345	0.0347	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,259.987 0	3,259.987 0	0.1327	0.0000	3,263.305 0
2047	1.1964	8.1244	14.4345	0.0347	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,259.987 0	3,259.987 0	0.1327	0.0000	3,263.305 0
2048	4.6091	12.8236	28.9811	0.0607	0.7365	0.1653	0.9019	0.1983	0.1652	0.3634	0.0000	5,713.396 1	5,713.396 1	0.2197	0.0000	5,718.888 1
2049	4.6091	12.8236	28.9811	0.0607	0.7365	0.1653	0.9019	0.1983	0.1652	0.3634	0.0000	5,713.396 1	5,713.396 1	0.2197	0.0000	5,718.888 1
Maximum	4.6091	19.7258	28.9811	0.0607	6.6345	1.0416	7.2394	3.3893	0.9722	3.9458	0.0000	5,713.396 1	5,713.396 1	0.7699	0.0000	5,718.888 1

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No Industrial - 2050 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Energy	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Mobile	0.0000	0.0000	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	2.8133	0.3201	0.2806	1.9200e-003	0.0000	0.0244	0.0244	0.0000	0.0244	0.0244		384.0125	384.0125	7.4300e-003	7.0400e-003	386.2960

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	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Energy	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Mobile	0.0000	0.0000	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	2.8133	0.3201	0.2806	1.9200e-003	0.0000	0.0244	0.0244	0.0000	0.0244	0.0244		384.0125	384.0125	7.4300e-003	7.0400e-003	386.2960

No Industrial - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 364.5

Acres of Grading (Grading Phase): 313.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 174,000; Non-Residential Outdoor: 58,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

No Industrial - 2050 - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

No Industrial - 2050 - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	49.00	19.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658

No Industrial - 2050 - San Diego County, Summer

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529
Total	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529

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	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658

No Industrial - 2050 - San Diego County, Summer

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529
Total	0.0450	0.0292	0.3448	1.0600e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		105.8773	105.8773	3.0200e-003		105.9529

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191

No Industrial - 2050 - San Diego County, Summer

3.2 Demolition - 2022

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	0.0425	0.0266	0.3206	1.0200e-003	0.1068	7.2000e-004	0.1075	0.0283	6.6000e-004	0.0290		101.9928	101.9928	2.7700e-003		102.0620
Total	0.0425	0.0266	0.3206	1.0200e-003	0.1068	7.2000e-004	0.1075	0.0283	6.6000e-004	0.0290		101.9928	101.9928	2.7700e-003		102.0620

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	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

No Industrial - 2050 - San Diego County, Summer

3.2 Demolition - 2022

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	0.0425	0.0266	0.3206	1.0200e-003	0.1068	7.2000e-004	0.1075	0.0283	6.6000e-004	0.0290		101.9928	101.9928	2.7700e-003		102.0620
Total	0.0425	0.0266	0.3206	1.0200e-003	0.1068	7.2000e-004	0.1075	0.0283	6.6000e-004	0.0290		101.9928	101.9928	2.7700e-003		102.0620

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3784	15.6673	10.0558	0.0245		0.5952	0.5952		0.5476	0.5476		2,375.1569	2,375.1569	0.7682		2,394.3613
Total	1.3784	15.6673	10.0558	0.0245	1.5908	0.5952	2.1859	0.1718	0.5476	0.7193		2,375.1569	2,375.1569	0.7682		2,394.3613

No Industrial - 2050 - San Diego County, Summer

3.3 Site Preparation - 2022

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	0.0262	0.0164	0.1973	6.3000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.1000e-004	0.0178		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0262	0.0164	0.1973	6.3000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.1000e-004	0.0178		62.7648	62.7648	1.7000e-003		62.8074

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					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3784	15.6673	10.0558	0.0245		0.5952	0.5952		0.5476	0.5476	0.0000	2,375.1569	2,375.1569	0.7682		2,394.3613
Total	1.3784	15.6673	10.0558	0.0245	1.5908	0.5952	2.1859	0.1718	0.5476	0.7193	0.0000	2,375.1569	2,375.1569	0.7682		2,394.3613

No Industrial - 2050 - San Diego County, Summer

3.3 Site Preparation - 2022

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	0.0262	0.0164	0.1973	6.3000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.1000e-004	0.0178		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0262	0.0164	0.1973	6.3000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.1000e-004	0.0178		62.7648	62.7648	1.7000e-003		62.8074

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3027	14.2802	9.7820	0.0245		0.5419	0.5419		0.4985	0.4985		2,374.8634	2,374.8634	0.7681		2,394.0654
Total	1.3027	14.2802	9.7820	0.0245	1.5908	0.5419	2.1326	0.1718	0.4985	0.6703		2,374.8634	2,374.8634	0.7681		2,394.0654

No Industrial - 2050 - San Diego County, Summer

3.3 Site Preparation - 2023

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	0.0248	0.0150	0.1833	6.1000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0248	0.0150	0.1833	6.1000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		60.3654	60.3654	1.5600e-003		60.4044

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					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3027	14.2802	9.7820	0.0245		0.5419	0.5419		0.4985	0.4985	0.0000	2,374.8634	2,374.8634	0.7681		2,394.0654
Total	1.3027	14.2802	9.7820	0.0245	1.5908	0.5419	2.1326	0.1718	0.4985	0.6703	0.0000	2,374.8634	2,374.8634	0.7681		2,394.0654

No Industrial - 2050 - San Diego County, Summer

3.3 Site Preparation - 2023

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	0.0248	0.0150	0.1833	6.1000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0248	0.0150	0.1833	6.1000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		60.3654	60.3654	1.5600e-003		60.4044

3.4 Grading - 2023

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	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560		1,995.6147	1,995.6147	0.6454		2,011.7503
Total	1.3330	14.4676	8.7038	0.0206	6.5523	0.6044	7.1567	3.3675	0.5560	3.9235		1,995.6147	1,995.6147	0.6454		2,011.7503

No Industrial - 2050 - San Diego County, Summer

3.4 Grading - 2023

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	0.0310	0.0187	0.2291	7.6000e-004	0.0822	5.4000e-004	0.0827	0.0218	5.0000e-004	0.0223		75.4567	75.4567	1.9500e-003		75.5055
Total	0.0310	0.0187	0.2291	7.6000e-004	0.0822	5.4000e-004	0.0827	0.0218	5.0000e-004	0.0223		75.4567	75.4567	1.9500e-003		75.5055

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503
Total	1.3330	14.4676	8.7038	0.0206	6.5523	0.6044	7.1567	3.3675	0.5560	3.9235	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503

No Industrial - 2050 - San Diego County, Summer

3.4 Grading - 2023

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	0.0310	0.0187	0.2291	7.6000e-004	0.0822	5.4000e-004	0.0827	0.0218	5.0000e-004	0.0223		75.4567	75.4567	1.9500e-003		75.5055
Total	0.0310	0.0187	0.2291	7.6000e-004	0.0822	5.4000e-004	0.0827	0.0218	5.0000e-004	0.0223		75.4567	75.4567	1.9500e-003		75.5055

3.4 Grading - 2024

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	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265		1,995.5803	1,995.5803	0.6454		2,011.7155
Total	1.3015	13.8178	8.6998	0.0206	6.5523	0.5722	7.1246	3.3675	0.5265	3.8939		1,995.5803	1,995.5803	0.6454		2,011.7155

No Industrial - 2050 - San Diego County, Summer

3.4 Grading - 2024

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	0.0294	0.0172	0.2142	7.3000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0294	0.0172	0.2142	7.3000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		72.4837	72.4837	1.7900e-003		72.5285

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265	0.0000	1,995.5803	1,995.5803	0.6454		2,011.7155
Total	1.3015	13.8178	8.6998	0.0206	6.5523	0.5722	7.1246	3.3675	0.5265	3.8939	0.0000	1,995.5803	1,995.5803	0.6454		2,011.7155

No Industrial - 2050 - San Diego County, Summer

3.4 Grading - 2024

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	0.0294	0.0172	0.2142	7.3000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0294	0.0172	0.2142	7.3000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		72.4837	72.4837	1.7900e-003		72.5285

3.4 Grading - 2025

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	1.1904	12.4243	8.4937	0.0206		0.4961	0.4961		0.4564	0.4564		1,995.7975	1,995.7975	0.6455		2,011.9345
Total	1.1904	12.4243	8.4937	0.0206	6.5523	0.4961	7.0484	3.3675	0.4564	3.8239		1,995.7975	1,995.7975	0.6455		2,011.9345

No Industrial - 2050 - San Diego County, Summer

3.4 Grading - 2025

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	0.0281	0.0158	0.2001	7.0000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.8000e-004	0.0223		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0281	0.0158	0.2001	7.0000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.8000e-004	0.0223		69.5512	69.5512	1.6600e-003		69.5926

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.1904	12.4243	8.4937	0.0206		0.4961	0.4961		0.4564	0.4564	0.0000	1,995.7975	1,995.7975	0.6455		2,011.9345
Total	1.1904	12.4243	8.4937	0.0206	6.5523	0.4961	7.0484	3.3675	0.4564	3.8239	0.0000	1,995.7975	1,995.7975	0.6455		2,011.9345

No Industrial - 2050 - San Diego County, Summer

3.4 Grading - 2025

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	0.0281	0.0158	0.2001	7.0000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.8000e-004	0.0223		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0281	0.0158	0.2001	7.0000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.8000e-004	0.0223		69.5512	69.5512	1.6600e-003		69.5926

3.5 Building Construction - 2025

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2025

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	0.0386	1.3988	0.4063	4.8700e-003	0.1286	1.6100e-003	0.1302	0.0370	1.5400e-003	0.0386		527.7972	527.7972	0.0344		528.6560
Worker	0.1375	0.0776	0.9805	3.4200e-003	0.4025	2.5800e-003	0.4051	0.1068	2.3700e-003	0.1091		340.8007	340.8007	8.1100e-003		341.0036
Total	0.1761	1.4764	1.3868	8.2900e-003	0.5311	4.1900e-003	0.5353	0.1438	3.9100e-003	0.1477		868.5979	868.5979	0.0425		869.6596

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2025

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	0.0386	1.3988	0.4063	4.8700e-003	0.1286	1.6100e-003	0.1302	0.0370	1.5400e-003	0.0386		527.7972	527.7972	0.0344		528.6560
Worker	0.1375	0.0776	0.9805	3.4200e-003	0.4025	2.5800e-003	0.4051	0.1068	2.3700e-003	0.1091		340.8007	340.8007	8.1100e-003		341.0036
Total	0.1761	1.4764	1.3868	8.2900e-003	0.5311	4.1900e-003	0.5353	0.1438	3.9100e-003	0.1477		868.5979	868.5979	0.0425		869.6596

3.5 Building Construction - 2026

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2026

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	0.0376	1.3790	0.4007	4.8400e-003	0.1286	1.5600e-003	0.1302	0.0370	1.5000e-003	0.0385		524.7394	524.7394	0.0340		525.5900
Worker	0.1317	0.0722	0.9221	3.2900e-003	0.4025	2.5000e-003	0.4050	0.1068	2.3000e-003	0.1091		328.3168	328.3168	7.5600e-003		328.5059
Total	0.1693	1.4512	1.3228	8.1300e-003	0.5311	4.0600e-003	0.5352	0.1438	3.8000e-003	0.1476		853.0562	853.0562	0.0416		854.0959

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2026

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	0.0376	1.3790	0.4007	4.8400e-003	0.1286	1.5600e-003	0.1302	0.0370	1.5000e-003	0.0385		524.7394	524.7394	0.0340		525.5900
Worker	0.1317	0.0722	0.9221	3.2900e-003	0.4025	2.5000e-003	0.4050	0.1068	2.3000e-003	0.1091		328.3168	328.3168	7.5600e-003		328.5059
Total	0.1693	1.4512	1.3228	8.1300e-003	0.5311	4.0600e-003	0.5352	0.1438	3.8000e-003	0.1476		853.0562	853.0562	0.0416		854.0959

3.5 Building Construction - 2027

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2027

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	0.0368	1.3600	0.3960	4.8100e-003	0.1286	1.5300e-003	0.1302	0.0370	1.4600e-003	0.0385		521.9423	521.9423	0.0337		522.7858
Worker	0.1259	0.0674	0.8704	3.1800e-003	0.4025	2.3600e-003	0.4049	0.1068	2.1700e-003	0.1089		317.3243	317.3243	7.0900e-003		317.5015
Total	0.1627	1.4274	1.2664	7.9900e-003	0.5311	3.8900e-003	0.5350	0.1438	3.6300e-003	0.1474		839.2666	839.2666	0.0408		840.2873

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2027

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	0.0368	1.3600	0.3960	4.8100e-003	0.1286	1.5300e-003	0.1302	0.0370	1.4600e-003	0.0385		521.9423	521.9423	0.0337		522.7858
Worker	0.1259	0.0674	0.8704	3.1800e-003	0.4025	2.3600e-003	0.4049	0.1068	2.1700e-003	0.1089		317.3243	317.3243	7.0900e-003		317.5015
Total	0.1627	1.4274	1.2664	7.9900e-003	0.5311	3.8900e-003	0.5350	0.1438	3.6300e-003	0.1474		839.2666	839.2666	0.0408		840.2873

3.5 Building Construction - 2028

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2028

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	0.0361	1.3441	0.3936	4.7800e-003	0.1286	1.5000e-003	0.1301	0.0370	1.4300e-003	0.0385		519.5976	519.5976	0.0335		520.4347
Worker	0.1198	0.0631	0.8254	3.0800e-003	0.4025	2.1900e-003	0.4047	0.1068	2.0100e-003	0.1088		307.6839	307.6839	6.6800e-003		307.8509
Total	0.1559	1.4073	1.2190	7.8600e-003	0.5311	3.6900e-003	0.5348	0.1438	3.4400e-003	0.1472		827.2815	827.2815	0.0402		828.2856

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2028

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	0.0361	1.3441	0.3936	4.7800e-003	0.1286	1.5000e-003	0.1301	0.0370	1.4300e-003	0.0385		519.5976	519.5976	0.0335		520.4347
Worker	0.1198	0.0631	0.8254	3.0800e-003	0.4025	2.1900e-003	0.4047	0.1068	2.0100e-003	0.1088		307.6839	307.6839	6.6800e-003		307.8509
Total	0.1559	1.4073	1.2190	7.8600e-003	0.5311	3.6900e-003	0.5348	0.1438	3.4400e-003	0.1472		827.2815	827.2815	0.0402		828.2856

3.5 Building Construction - 2029

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2029

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	0.0355	1.3278	0.3909	4.7500e-003	0.1286	1.4700e-003	0.1301	0.0370	1.4000e-003	0.0384		517.2998	517.2998	0.0333		518.1322
Worker	0.1132	0.0592	0.7827	3.0000e-003	0.4025	2.0300e-003	0.4046	0.1068	1.8700e-003	0.1086		299.2142	299.2142	6.3000e-003		299.3718
Total	0.1487	1.3870	1.1736	7.7500e-003	0.5311	3.5000e-003	0.5346	0.1438	3.2700e-003	0.1471		816.5140	816.5140	0.0396		817.5040

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2029

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	0.0355	1.3278	0.3909	4.7500e-003	0.1286	1.4700e-003	0.1301	0.0370	1.4000e-003	0.0384		517.2998	517.2998	0.0333		518.1322
Worker	0.1132	0.0592	0.7827	3.0000e-003	0.4025	2.0300e-003	0.4046	0.1068	1.8700e-003	0.1086		299.2142	299.2142	6.3000e-003		299.3718
Total	0.1487	1.3870	1.1736	7.7500e-003	0.5311	3.5000e-003	0.5346	0.1438	3.2700e-003	0.1471		816.5140	816.5140	0.0396		817.5040

3.5 Building Construction - 2030

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2030

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	0.0350	1.3140	0.3895	4.7300e-003	0.1286	1.4400e-003	0.1301	0.0370	1.3700e-003	0.0384		515.4336	515.4336	0.0331		516.2621
Worker	0.1061	0.0555	0.7422	2.9200e-003	0.4025	1.8900e-003	0.4044	0.1068	1.7400e-003	0.1085		291.7720	291.7720	5.9500e-003		291.9208
Total	0.1411	1.3694	1.1317	7.6500e-003	0.5311	3.3300e-003	0.5345	0.1438	3.1100e-003	0.1469		807.2056	807.2056	0.0391		808.1828

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2030

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	0.0350	1.3140	0.3895	4.7300e-003	0.1286	1.4400e-003	0.1301	0.0370	1.3700e-003	0.0384		515.4336	515.4336	0.0331		516.2621
Worker	0.1061	0.0555	0.7422	2.9200e-003	0.4025	1.8900e-003	0.4044	0.1068	1.7400e-003	0.1085		291.7720	291.7720	5.9500e-003		291.9208
Total	0.1411	1.3694	1.1317	7.6500e-003	0.5311	3.3300e-003	0.5345	0.1438	3.1100e-003	0.1469		807.2056	807.2056	0.0391		808.1828

3.5 Building Construction - 2031

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2031

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	0.0346	1.3020	0.3884	4.7200e-003	0.1286	1.4100e-003	0.1300	0.0370	1.3500e-003	0.0384		513.8660	513.8660	0.0330		514.6906
Worker	0.0985	0.0520	0.7038	2.8600e-003	0.4025	1.7600e-003	0.4043	0.1068	1.6100e-003	0.1084		285.2633	285.2633	5.6300e-003		285.4040
Total	0.1332	1.3540	1.0922	7.5800e-003	0.5311	3.1700e-003	0.5343	0.1438	2.9600e-003	0.1468		799.1293	799.1293	0.0386		800.0947

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2031

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	0.0346	1.3020	0.3884	4.7200e-003	0.1286	1.4100e-003	0.1300	0.0370	1.3500e-003	0.0384		513.8660	513.8660	0.0330		514.6906
Worker	0.0985	0.0520	0.7038	2.8600e-003	0.4025	1.7600e-003	0.4043	0.1068	1.6100e-003	0.1084		285.2633	285.2633	5.6300e-003		285.4040
Total	0.1332	1.3540	1.0922	7.5800e-003	0.5311	3.1700e-003	0.5343	0.1438	2.9600e-003	0.1468		799.1293	799.1293	0.0386		800.0947

3.5 Building Construction - 2032

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2032

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	0.0343	1.2914	0.3879	4.7000e-003	0.1286	1.3900e-003	0.1300	0.0370	1.3300e-003	0.0384		512.7048	512.7048	0.0329		513.5263
Worker	0.0918	0.0490	0.6707	2.8000e-003	0.4025	1.6400e-003	0.4042	0.1068	1.5000e-003	0.1083		279.6155	279.6155	5.3700e-003		279.7497
Total	0.1262	1.3405	1.0586	7.5000e-003	0.5311	3.0300e-003	0.5342	0.1438	2.8300e-003	0.1466		792.3203	792.3203	0.0382		793.2760

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2032

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	0.0343	1.2914	0.3879	4.7000e-003	0.1286	1.3900e-003	0.1300	0.0370	1.3300e-003	0.0384		512.7048	512.7048	0.0329		513.5263
Worker	0.0918	0.0490	0.6707	2.8000e-003	0.4025	1.6400e-003	0.4042	0.1068	1.5000e-003	0.1083		279.6155	279.6155	5.3700e-003		279.7497
Total	0.1262	1.3405	1.0586	7.5000e-003	0.5311	3.0300e-003	0.5342	0.1438	2.8300e-003	0.1466		792.3203	792.3203	0.0382		793.2760

3.5 Building Construction - 2033

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2033

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	0.0341	1.2819	0.3876	4.6900e-003	0.1286	1.3800e-003	0.1300	0.0370	1.3100e-003	0.0383		511.7713	511.7713	0.0328		512.5901
Worker	0.0860	0.0466	0.6422	2.7500e-003	0.4025	1.5300e-003	0.4041	0.1068	1.4000e-003	0.1082		274.7522	274.7522	5.1400e-003		274.8808
Total	0.1201	1.3284	1.0298	7.4400e-003	0.5311	2.9100e-003	0.5341	0.1438	2.7100e-003	0.1465		786.5235	786.5235	0.0379		787.4709

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2033

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	0.0341	1.2819	0.3876	4.6900e-003	0.1286	1.3800e-003	0.1300	0.0370	1.3100e-003	0.0383		511.7713	511.7713	0.0328		512.5901
Worker	0.0860	0.0466	0.6422	2.7500e-003	0.4025	1.5300e-003	0.4041	0.1068	1.4000e-003	0.1082		274.7522	274.7522	5.1400e-003		274.8808
Total	0.1201	1.3284	1.0298	7.4400e-003	0.5311	2.9100e-003	0.5341	0.1438	2.7100e-003	0.1465		786.5235	786.5235	0.0379		787.4709

3.5 Building Construction - 2034

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2034

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	0.0339	1.2736	0.3872	4.6800e-003	0.1286	1.3600e-003	0.1300	0.0370	1.3000e-003	0.0383		511.0681	511.0681	0.0327		511.8851
Worker	0.0810	0.0445	0.6147	2.7100e-003	0.4025	1.4200e-003	0.4040	0.1068	1.3100e-003	0.1081		270.5618	270.5618	4.9300e-003		270.6850
Total	0.1149	1.3181	1.0019	7.3900e-003	0.5311	2.7800e-003	0.5339	0.1438	2.6100e-003	0.1464		781.6299	781.6299	0.0376		782.5701

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2034

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	0.0339	1.2736	0.3872	4.6800e-003	0.1286	1.3600e-003	0.1300	0.0370	1.3000e-003	0.0383		511.0681	511.0681	0.0327		511.8851
Worker	0.0810	0.0445	0.6147	2.7100e-003	0.4025	1.4200e-003	0.4040	0.1068	1.3100e-003	0.1081		270.5618	270.5618	4.9300e-003		270.6850
Total	0.1149	1.3181	1.0019	7.3900e-003	0.5311	2.7800e-003	0.5339	0.1438	2.6100e-003	0.1464		781.6299	781.6299	0.0376		782.5701

3.5 Building Construction - 2035

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2035

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2035

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

3.5 Building Construction - 2036

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2036

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2036

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

3.5 Building Construction - 2037

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2037

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2037

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

3.5 Building Construction - 2038

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2038

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2038

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

3.5 Building Construction - 2039

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2039

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2039

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	0.0338	1.2666	0.3866	4.6800e-003	0.1286	1.3500e-003	0.1300	0.0370	1.2900e-003	0.0383		510.5244	510.5244	0.0326		511.3394
Worker	0.0766	0.0429	0.5912	2.6700e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		267.0217	267.0217	4.7400e-003		267.1401
Total	0.1104	1.3095	0.9779	7.3500e-003	0.5311	2.6800e-003	0.5338	0.1438	2.5200e-003	0.1463		777.5461	777.5461	0.0373		778.4795

3.5 Building Construction - 2040

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2040

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2040

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

3.5 Building Construction - 2041

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2041

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2041

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

3.5 Building Construction - 2042

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2042

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2042

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

3.5 Building Construction - 2043

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2043

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2043

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

3.5 Building Construction - 2044

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2044

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2044

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	0.0333	1.2452	0.3822	4.6700e-003	0.1286	1.3100e-003	0.1299	0.0370	1.2500e-003	0.0383		510.0269	510.0269	0.0322		510.8321
Worker	0.0606	0.0374	0.5173	2.5700e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		256.4174	256.4174	4.1000e-003		256.5198
Total	0.0939	1.2826	0.8995	7.2400e-003	0.5311	2.3400e-003	0.5335	0.1438	2.2000e-003	0.1460		766.4443	766.4443	0.0363		767.3519

3.5 Building Construction - 2045

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2045

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2045

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

3.5 Building Construction - 2046

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2046

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2046

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

3.5 Building Construction - 2047

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2047

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2047

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

3.5 Building Construction - 2048

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2048

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2048

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

3.5 Building Construction - 2049

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2049

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Summer

3.5 Building Construction - 2049

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	0.0330	1.2370	0.3761	4.6600e-003	0.1286	1.2900e-003	0.1299	0.0370	1.2300e-003	0.0383		508.6944	508.6944	0.0314		509.4802
Worker	0.0539	0.0354	0.4888	2.5300e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		252.3626	252.3626	3.8900e-003		252.4599
Total	0.0869	1.2724	0.8649	7.1900e-003	0.5312	2.2000e-003	0.5334	0.1438	2.0700e-003	0.1459		761.0570	761.0570	0.0353		761.9401

3.6 Paving - 2048

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	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939		2,043.2046	2,043.2046	0.0751		2,045.0814
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939		2,043.2046	2,043.2046	0.0751		2,045.0814

No Industrial - 2050 - San Diego County, Summer

3.6 Paving - 2048

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

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	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939	0.0000	2,043.2046	2,043.2046	0.0751		2,045.0814
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939	0.0000	2,043.2046	2,043.2046	0.0751		2,045.0814

No Industrial - 2050 - San Diego County, Summer

3.6 Paving - 2048

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

3.6 Paving - 2049

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	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939		2,043.2046	2,043.2046	0.0751		2,045.0814
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939		2,043.2046	2,043.2046	0.0751		2,045.0814

No Industrial - 2050 - San Diego County, Summer

3.6 Paving - 2049

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

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	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939	0.0000	2,043.2046	2,043.2046	0.0751		2,045.0814
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939	0.0000	2,043.2046	2,043.2046	0.0751		2,045.0814

No Industrial - 2050 - San Diego County, Summer

3.6 Paving - 2049

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

3.7 Architectural Coating - 2048

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	2.4165					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	2.5314	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

No Industrial - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2048

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	0.0110	7.2300e-003	0.0998	5.2000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		51.5026	51.5026	7.9000e-004		51.5224
Total	0.0110	7.2300e-003	0.0998	5.2000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		51.5026	51.5026	7.9000e-004		51.5224

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	2.4165					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	2.5314	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

No Industrial - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2048

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	0.0110	7.2300e-003	0.0998	5.2000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		51.5026	51.5026	7.9000e-004		51.5224
Total	0.0110	7.2300e-003	0.0998	5.2000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		51.5026	51.5026	7.9000e-004		51.5224

3.7 Architectural Coating - 2049

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	2.4165					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	2.5314	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

No Industrial - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2049

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	0.0110	7.2300e-003	0.0998	5.2000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		51.5026	51.5026	7.9000e-004		51.5224
Total	0.0110	7.2300e-003	0.0998	5.2000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		51.5026	51.5026	7.9000e-004		51.5224

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	2.4165					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	2.5314	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

No Industrial - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2049

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	0.0110	7.2300e-003	0.0998	5.2000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		51.5026	51.5026	7.9000e-004		51.5224
Total	0.0110	7.2300e-003	0.0998	5.2000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		51.5026	51.5026	7.9000e-004		51.5224

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

No Industrial - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

No Industrial - 2050 - San Diego County, Summer

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
NaturalGas Unmitigated	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

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					
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Total		0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

No Industrial - 2050 - San Diego County, Summer

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Total		0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Unmitigated	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

No Industrial - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0800e-003	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Total	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0800e-003	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Total	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

7.0 Water Detail

No Industrial - 2050 - San Diego County, Summer

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

No Industrial - 2050 - San Diego County, Winter

No Industrial - 2050
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	116.00	1000sqft	2.66	116,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

No Industrial - 2050 - San Diego County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10.00	445.00
tblConstructionPhase	NumDays	220.00	6,266.00
tblConstructionPhase	NumDays	20.00	404.00
tblConstructionPhase	NumDays	6.00	627.00
tblConstructionPhase	NumDays	10.00	445.00
tblConstructionPhase	NumDays	3.00	243.00
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24NG	4.31	3.02
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00

2.0 Emissions Summary

No Industrial - 2050 - San Diego County, Winter

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					
2021	2.0440	19.7294	14.8167	0.0251	0.1068	1.0416	1.1484	0.0283	0.9722	1.0005	0.0000	2,422.108 2	2,422.108 2	0.5968	0.0000	2,437.028 4
2022	1.7373	16.6516	14.2612	0.0251	1.6565	0.8386	2.2521	0.1892	0.7835	0.8119	0.0000	2,434.079 0	2,434.079 0	0.7698	0.0000	2,453.323 5
2023	1.3683	14.4886	9.9536	0.0251	6.6345	0.6049	7.2394	3.3893	0.5565	3.9458	0.0000	2,431.535 1	2,431.535 1	0.7696	0.0000	2,450.773 8
2024	1.3352	13.8371	8.9000	0.0213	6.6345	0.5728	7.2073	3.3893	0.5270	3.9162	0.0000	2,063.631 5	2,063.631 5	0.6471	0.0000	2,079.808 9
2025	1.6880	13.5029	15.3678	0.0330	6.6345	0.4966	7.1311	3.3893	0.4569	3.8461	0.0000	3,124.243 2	3,124.243 2	0.6470	0.0000	3,135.835 6
2026	1.6807	13.4770	15.3058	0.0328	0.5311	0.4741	1.0052	0.1438	0.4537	0.5975	0.0000	3,109.631 3	3,109.631 3	0.4628	0.0000	3,121.200 5
2027	1.6735	13.4526	15.2512	0.0327	0.5311	0.4739	1.0051	0.1438	0.4535	0.5973	0.0000	3,096.642 3	3,096.642 3	0.4620	0.0000	3,108.191 4
2028	1.6661	13.4320	15.2056	0.0326	0.5311	0.4737	1.0048	0.1438	0.4533	0.5971	0.0000	3,085.363 3	3,085.363 3	0.4613	0.0000	3,096.894 7
2029	1.6580	13.4113	15.1617	0.0325	0.5311	0.4735	1.0046	0.1438	0.4531	0.5969	0.0000	3,075.226 1	3,075.226 1	0.4607	0.0000	3,086.742 7
2030	1.3958	9.2673	14.7557	0.0348	0.5311	0.1441	0.6752	0.1438	0.1438	0.2876	0.0000	3,275.486 8	3,275.486 8	0.1503	0.0000	3,279.243 7
2031	1.3867	9.2515	14.7175	0.0348	0.5311	0.1439	0.6751	0.1438	0.1437	0.2875	0.0000	3,267.865 2	3,267.865 2	0.1498	0.0000	3,271.609 8
2032	1.3787	9.2376	14.6852	0.0347	0.5311	0.1438	0.6749	0.1438	0.1436	0.2874	0.0000	3,261.427 6	3,261.427 6	0.1494	0.0000	3,265.162 0
2033	1.3717	9.2252	14.6576	0.0346	0.5311	0.1436	0.6748	0.1438	0.1434	0.2872	0.0000	3,255.932 8	3,255.932 8	0.1490	0.0000	3,259.658 6
2034	1.3657	9.2146	14.6309	0.0346	0.5311	0.1435	0.6747	0.1438	0.1433	0.2871	0.0000	3,251.283 4	3,251.283 4	0.1487	0.0000	3,255.001 6

No Industrial - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2035	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4
2036	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4
2037	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4
2038	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4
2039	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4
2040	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 1	3,236.845 1	0.1347	0.0000	3,240.212 3
2041	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 1	3,236.845 1	0.1347	0.0000	3,240.212 3
2042	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 1	3,236.845 1	0.1347	0.0000	3,240.212 3
2043	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 1	3,236.845 1	0.1347	0.0000	3,240.212 3
2044	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 1	3,236.845 1	0.1347	0.0000	3,240.212 3
2045	1.2072	8.1224	14.4263	0.0344	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,231.723 0	3,231.723 0	0.1337	0.0000	3,235.065 1
2046	1.2072	8.1224	14.4263	0.0344	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,231.723 0	3,231.723 0	0.1337	0.0000	3,235.065 1
2047	1.2072	8.1224	14.4263	0.0344	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,231.723 0	3,231.723 0	0.1337	0.0000	3,235.065 1
2048	4.6245	12.8237	28.9515	0.0603	0.7365	0.1653	0.9019	0.1983	0.1652	0.3634	0.0000	5,677.174 9	5,677.174 9	0.2205	0.0000	5,682.687 5
2049	4.6245	12.8237	28.9515	0.0603	0.7365	0.1653	0.9019	0.1983	0.1652	0.3634	0.0000	5,677.174 9	5,677.174 9	0.2205	0.0000	5,682.687 5
Maximum	4.6245	19.7294	28.9515	0.0603	6.6345	1.0416	7.2394	3.3893	0.9722	3.9458	0.0000	5,677.174 9	5,677.174 9	0.7698	0.0000	5,682.687 5

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

No Industrial - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	2.0440	19.7294	14.8167	0.0251	0.1068	1.0416	1.1484	0.0283	0.9722	1.0005	0.0000	2,422.108 2	2,422.108 2	0.5968	0.0000	2,437.028 4
2022	1.7373	16.6516	14.2612	0.0251	1.6565	0.8386	2.2521	0.1892	0.7835	0.8119	0.0000	2,434.079 0	2,434.079 0	0.7698	0.0000	2,453.323 5
2023	1.3683	14.4886	9.9536	0.0251	6.6345	0.6049	7.2394	3.3893	0.5565	3.9458	0.0000	2,431.535 1	2,431.535 1	0.7696	0.0000	2,450.773 8
2024	1.3352	13.8371	8.9000	0.0213	6.6345	0.5728	7.2073	3.3893	0.5270	3.9162	0.0000	2,063.631 5	2,063.631 5	0.6471	0.0000	2,079.808 9
2025	1.6880	13.5029	15.3678	0.0330	6.6345	0.4966	7.1311	3.3893	0.4569	3.8461	0.0000	3,124.243 2	3,124.243 2	0.6470	0.0000	3,135.835 6
2026	1.6807	13.4770	15.3058	0.0328	0.5311	0.4741	1.0052	0.1438	0.4537	0.5975	0.0000	3,109.631 3	3,109.631 3	0.4628	0.0000	3,121.200 5
2027	1.6735	13.4526	15.2512	0.0327	0.5311	0.4739	1.0051	0.1438	0.4535	0.5973	0.0000	3,096.642 3	3,096.642 3	0.4620	0.0000	3,108.191 4
2028	1.6661	13.4320	15.2056	0.0326	0.5311	0.4737	1.0048	0.1438	0.4533	0.5971	0.0000	3,085.363 3	3,085.363 3	0.4613	0.0000	3,096.894 7
2029	1.6580	13.4113	15.1617	0.0325	0.5311	0.4735	1.0046	0.1438	0.4531	0.5969	0.0000	3,075.226 1	3,075.226 1	0.4607	0.0000	3,086.742 6
2030	1.3958	9.2673	14.7557	0.0348	0.5311	0.1441	0.6752	0.1438	0.1438	0.2876	0.0000	3,275.486 8	3,275.486 8	0.1503	0.0000	3,279.243 7
2031	1.3867	9.2515	14.7175	0.0348	0.5311	0.1439	0.6751	0.1438	0.1437	0.2875	0.0000	3,267.865 2	3,267.865 2	0.1498	0.0000	3,271.609 8
2032	1.3787	9.2376	14.6852	0.0347	0.5311	0.1438	0.6749	0.1438	0.1436	0.2874	0.0000	3,261.427 6	3,261.427 6	0.1494	0.0000	3,265.162 0
2033	1.3717	9.2252	14.6576	0.0346	0.5311	0.1436	0.6748	0.1438	0.1434	0.2872	0.0000	3,255.932 8	3,255.932 8	0.1490	0.0000	3,259.658 6
2034	1.3657	9.2146	14.6309	0.0346	0.5311	0.1435	0.6747	0.1438	0.1433	0.2871	0.0000	3,251.283 4	3,251.283 4	0.1487	0.0000	3,255.001 6
2035	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4
2036	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4
2037	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4

No Industrial - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2038	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4
2039	1.2535	8.4442	14.5474	0.0346	0.5311	0.0815	0.6127	0.1438	0.0814	0.2252	0.0000	3,247.400 1	3,247.400 1	0.1385	0.0000	3,250.862 4
2040	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 0	3,236.845 0	0.1347	0.0000	3,240.212 3
2041	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 0	3,236.845 0	0.1347	0.0000	3,240.212 3
2042	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 0	3,236.845 0	0.1347	0.0000	3,240.212 3
2043	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 0	3,236.845 0	0.1347	0.0000	3,240.212 3
2044	1.2149	8.1327	14.4604	0.0345	0.5311	0.0637	0.5948	0.1438	0.0636	0.2073	0.0000	3,236.845 0	3,236.845 0	0.1347	0.0000	3,240.212 3
2045	1.2072	8.1224	14.4263	0.0344	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,231.723 0	3,231.723 0	0.1337	0.0000	3,235.065 1
2046	1.2072	8.1224	14.4263	0.0344	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,231.723 0	3,231.723 0	0.1337	0.0000	3,235.065 1
2047	1.2072	8.1224	14.4263	0.0344	0.5312	0.0635	0.5947	0.1438	0.0634	0.2072	0.0000	3,231.723 0	3,231.723 0	0.1337	0.0000	3,235.065 1
2048	4.6245	12.8237	28.9515	0.0603	0.7365	0.1653	0.9019	0.1983	0.1652	0.3634	0.0000	5,677.174 9	5,677.174 9	0.2205	0.0000	5,682.687 5
2049	4.6245	12.8237	28.9515	0.0603	0.7365	0.1653	0.9019	0.1983	0.1652	0.3634	0.0000	5,677.174 9	5,677.174 9	0.2205	0.0000	5,682.687 5
Maximum	4.6245	19.7294	28.9515	0.0603	6.6345	1.0416	7.2394	3.3893	0.9722	3.9458	0.0000	5,677.174 9	5,677.174 9	0.7698	0.0000	5,682.687 5

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No Industrial - 2050 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Energy	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Mobile	0.0000	0.0000	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	2.8133	0.3201	0.2806	1.9200e-003	0.0000	0.0244	0.0244	0.0000	0.0244	0.0244		384.0125	384.0125	7.4300e-003	7.0400e-003	386.2960

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	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Energy	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Mobile	0.0000	0.0000	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	2.8133	0.3201	0.2806	1.9200e-003	0.0000	0.0244	0.0244	0.0000	0.0244	0.0244		384.0125	384.0125	7.4300e-003	7.0400e-003	386.2960

No Industrial - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 364.5

Acres of Grading (Grading Phase): 313.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 174,000; Non-Residential Outdoor: 58,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

No Industrial - 2050 - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

No Industrial - 2050 - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	49.00	19.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658

No Industrial - 2050 - San Diego County, Winter

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626
Total	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626

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	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658

No Industrial - 2050 - San Diego County, Winter

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626
Total	0.0510	0.0328	0.3241	1.0000e-003	0.1068	7.4000e-004	0.1075	0.0283	6.8000e-004	0.0290		99.3912	99.3912	2.8600e-003		99.4626

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191

No Industrial - 2050 - San Diego County, Winter

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0483	0.0299	0.3008	9.6000e-004	0.1068	7.2000e-004	0.1075	0.0283	6.6000e-004	0.0290		95.7483	95.7483	2.6100e-003		95.8137
Total	0.0483	0.0299	0.3008	9.6000e-004	0.1068	7.2000e-004	0.1075	0.0283	6.6000e-004	0.0290		95.7483	95.7483	2.6100e-003		95.8137

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	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

No Industrial - 2050 - San Diego County, Winter

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0483	0.0299	0.3008	9.6000e-004	0.1068	7.2000e-004	0.1075	0.0283	6.6000e-004	0.0290		95.7483	95.7483	2.6100e-003		95.8137
Total	0.0483	0.0299	0.3008	9.6000e-004	0.1068	7.2000e-004	0.1075	0.0283	6.6000e-004	0.0290		95.7483	95.7483	2.6100e-003		95.8137

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3784	15.6673	10.0558	0.0245		0.5952	0.5952		0.5476	0.5476		2,375.1569	2,375.1569	0.7682		2,394.3613
Total	1.3784	15.6673	10.0558	0.0245	1.5908	0.5952	2.1859	0.1718	0.5476	0.7193		2,375.1569	2,375.1569	0.7682		2,394.3613

No Industrial - 2050 - San Diego County, Winter

3.3 Site Preparation - 2022

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	0.0297	0.0184	0.1851	5.9000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.1000e-004	0.0178		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0297	0.0184	0.1851	5.9000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.1000e-004	0.0178		58.9221	58.9221	1.6100e-003		58.9623

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					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3784	15.6673	10.0558	0.0245		0.5952	0.5952		0.5476	0.5476	0.0000	2,375.1569	2,375.1569	0.7682		2,394.3613
Total	1.3784	15.6673	10.0558	0.0245	1.5908	0.5952	2.1859	0.1718	0.5476	0.7193	0.0000	2,375.1569	2,375.1569	0.7682		2,394.3613

No Industrial - 2050 - San Diego County, Winter

3.3 Site Preparation - 2022

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	0.0297	0.0184	0.1851	5.9000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.1000e-004	0.0178		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0297	0.0184	0.1851	5.9000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.1000e-004	0.0178		58.9221	58.9221	1.6100e-003		58.9623

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3027	14.2802	9.7820	0.0245		0.5419	0.5419		0.4985	0.4985		2,374.8634	2,374.8634	0.7681		2,394.0654
Total	1.3027	14.2802	9.7820	0.0245	1.5908	0.5419	2.1326	0.1718	0.4985	0.6703		2,374.8634	2,374.8634	0.7681		2,394.0654

No Industrial - 2050 - San Diego County, Winter

3.3 Site Preparation - 2023

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	0.0282	0.0168	0.1716	5.7000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0282	0.0168	0.1716	5.7000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		56.6717	56.6717	1.4700e-003		56.7085

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					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3027	14.2802	9.7820	0.0245		0.5419	0.5419		0.4985	0.4985	0.0000	2,374.8634	2,374.8634	0.7681		2,394.0654
Total	1.3027	14.2802	9.7820	0.0245	1.5908	0.5419	2.1326	0.1718	0.4985	0.6703	0.0000	2,374.8634	2,374.8634	0.7681		2,394.0654

No Industrial - 2050 - San Diego County, Winter

3.3 Site Preparation - 2023

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	0.0282	0.0168	0.1716	5.7000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0282	0.0168	0.1716	5.7000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		56.6717	56.6717	1.4700e-003		56.7085

3.4 Grading - 2023

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	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560		1,995.6147	1,995.6147	0.6454		2,011.7503
Total	1.3330	14.4676	8.7038	0.0206	6.5523	0.6044	7.1567	3.3675	0.5560	3.9235		1,995.6147	1,995.6147	0.6454		2,011.7503

No Industrial - 2050 - San Diego County, Winter

3.4 Grading - 2023

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	0.0353	0.0210	0.2144	7.1000e-004	0.0822	5.4000e-004	0.0827	0.0218	5.0000e-004	0.0223		70.8396	70.8396	1.8400e-003		70.8856
Total	0.0353	0.0210	0.2144	7.1000e-004	0.0822	5.4000e-004	0.0827	0.0218	5.0000e-004	0.0223		70.8396	70.8396	1.8400e-003		70.8856

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503
Total	1.3330	14.4676	8.7038	0.0206	6.5523	0.6044	7.1567	3.3675	0.5560	3.9235	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503

No Industrial - 2050 - San Diego County, Winter

3.4 Grading - 2023

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	0.0353	0.0210	0.2144	7.1000e-004	0.0822	5.4000e-004	0.0827	0.0218	5.0000e-004	0.0223		70.8396	70.8396	1.8400e-003		70.8856
Total	0.0353	0.0210	0.2144	7.1000e-004	0.0822	5.4000e-004	0.0827	0.0218	5.0000e-004	0.0223		70.8396	70.8396	1.8400e-003		70.8856

3.4 Grading - 2024

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	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265		1,995.5803	1,995.5803	0.6454		2,011.7155
Total	1.3015	13.8178	8.6998	0.0206	6.5523	0.5722	7.1246	3.3675	0.5265	3.8939		1,995.5803	1,995.5803	0.6454		2,011.7155

No Industrial - 2050 - San Diego County, Winter

3.4 Grading - 2024

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	0.0336	0.0193	0.2002	6.8000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0336	0.0193	0.2002	6.8000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		68.0512	68.0512	1.6900e-003		68.0934

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265	0.0000	1,995.5803	1,995.5803	0.6454		2,011.7155
Total	1.3015	13.8178	8.6998	0.0206	6.5523	0.5722	7.1246	3.3675	0.5265	3.8939	0.0000	1,995.5803	1,995.5803	0.6454		2,011.7155

No Industrial - 2050 - San Diego County, Winter

3.4 Grading - 2024

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	0.0336	0.0193	0.2002	6.8000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0336	0.0193	0.2002	6.8000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		68.0512	68.0512	1.6900e-003		68.0934

3.4 Grading - 2025

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	1.1904	12.4243	8.4937	0.0206		0.4961	0.4961		0.4564	0.4564		1,995.7975	1,995.7975	0.6455		2,011.9345
Total	1.1904	12.4243	8.4937	0.0206	6.5523	0.4961	7.0484	3.3675	0.4564	3.8239		1,995.7975	1,995.7975	0.6455		2,011.9345

No Industrial - 2050 - San Diego County, Winter

3.4 Grading - 2025

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	0.0322	0.0178	0.1868	6.5000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.8000e-004	0.0223		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0322	0.0178	0.1868	6.5000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.8000e-004	0.0223		65.3006	65.3006	1.5600e-003		65.3395

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.1904	12.4243	8.4937	0.0206		0.4961	0.4961		0.4564	0.4564	0.0000	1,995.7975	1,995.7975	0.6455		2,011.9345
Total	1.1904	12.4243	8.4937	0.0206	6.5523	0.4961	7.0484	3.3675	0.4564	3.8239	0.0000	1,995.7975	1,995.7975	0.6455		2,011.9345

No Industrial - 2050 - San Diego County, Winter

3.4 Grading - 2025

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	0.0322	0.0178	0.1868	6.5000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.8000e-004	0.0223		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0322	0.0178	0.1868	6.5000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.8000e-004	0.0223		65.3006	65.3006	1.5600e-003		65.3395

3.5 Building Construction - 2025

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2025

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	0.0407	1.3926	0.4453	4.7500e-003	0.1286	1.6800e-003	0.1303	0.0370	1.6100e-003	0.0386		514.3807	514.3807	0.0361		515.2835
Worker	0.1576	0.0870	0.9153	3.2100e-003	0.4025	2.5800e-003	0.4051	0.1068	2.3700e-003	0.1091		319.9727	319.9727	7.6300e-003		320.1634
Total	0.1983	1.4796	1.3606	7.9600e-003	0.5311	4.2600e-003	0.5354	0.1438	3.9800e-003	0.1478		834.3534	834.3534	0.0437		835.4469

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2025

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	0.0407	1.3926	0.4453	4.7500e-003	0.1286	1.6800e-003	0.1303	0.0370	1.6100e-003	0.0386		514.3807	514.3807	0.0361		515.2835
Worker	0.1576	0.0870	0.9153	3.2100e-003	0.4025	2.5800e-003	0.4051	0.1068	2.3700e-003	0.1091		319.9727	319.9727	7.6300e-003		320.1634
Total	0.1983	1.4796	1.3606	7.9600e-003	0.5311	4.2600e-003	0.5354	0.1438	3.9800e-003	0.1478		834.3534	834.3534	0.0437		835.4469

3.5 Building Construction - 2026

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2026

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	0.0396	1.3728	0.4388	4.7200e-003	0.1286	1.6300e-003	0.1303	0.0370	1.5600e-003	0.0386		511.4866	511.4866	0.0357		512.3792
Worker	0.1514	0.0809	0.8599	3.0900e-003	0.4025	2.5000e-003	0.4050	0.1068	2.3000e-003	0.1091		308.2549	308.2549	7.1100e-003		308.4326
Total	0.1910	1.4537	1.2986	7.8100e-003	0.5311	4.1300e-003	0.5353	0.1438	3.8600e-003	0.1477		819.7415	819.7415	0.0428		820.8118

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2026

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	0.0396	1.3728	0.4388	4.7200e-003	0.1286	1.6300e-003	0.1303	0.0370	1.5600e-003	0.0386		511.4866	511.4866	0.0357		512.3792
Worker	0.1514	0.0809	0.8599	3.0900e-003	0.4025	2.5000e-003	0.4050	0.1068	2.3000e-003	0.1091		308.2549	308.2549	7.1100e-003		308.4326
Total	0.1910	1.4537	1.2986	7.8100e-003	0.5311	4.1300e-003	0.5353	0.1438	3.8600e-003	0.1477		819.7415	819.7415	0.0428		820.8118

3.5 Building Construction - 2027

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2027

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	0.0387	1.3538	0.4332	4.6900e-003	0.1286	1.5900e-003	0.1302	0.0370	1.5200e-003	0.0385		508.8249	508.8249	0.0354		509.7088
Worker	0.1451	0.0755	0.8108	2.9900e-003	0.4025	2.3600e-003	0.4049	0.1068	2.1700e-003	0.1089		297.9276	297.9276	6.6500e-003		298.0939
Total	0.1838	1.4293	1.2440	7.6800e-003	0.5311	3.9500e-003	0.5351	0.1438	3.6900e-003	0.1475		806.7525	806.7525	0.0420		807.8027

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2027

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	0.0387	1.3538	0.4332	4.6900e-003	0.1286	1.5900e-003	0.1302	0.0370	1.5200e-003	0.0385		508.8249	508.8249	0.0354		509.7088
Worker	0.1451	0.0755	0.8108	2.9900e-003	0.4025	2.3600e-003	0.4049	0.1068	2.1700e-003	0.1089		297.9276	297.9276	6.6500e-003		298.0939
Total	0.1838	1.4293	1.2440	7.6800e-003	0.5311	3.9500e-003	0.5351	0.1438	3.6900e-003	0.1475		806.7525	806.7525	0.0420		807.8027

3.5 Building Construction - 2028

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2028

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	0.0380	1.3380	0.4303	4.6600e-003	0.1286	1.5500e-003	0.1302	0.0370	1.4800e-003	0.0385		506.6087	506.6087	0.0350		507.4846
Worker	0.1383	0.0707	0.7681	2.9000e-003	0.4025	2.1900e-003	0.4047	0.1068	2.0100e-003	0.1088		288.8648	288.8648	6.2700e-003		289.0214
Total	0.1764	1.4087	1.1984	7.5600e-003	0.5311	3.7400e-003	0.5349	0.1438	3.4900e-003	0.1473		795.4735	795.4735	0.0413		796.5061

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2028

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	0.0380	1.3380	0.4303	4.6600e-003	0.1286	1.5500e-003	0.1302	0.0370	1.4800e-003	0.0385		506.6087	506.6087	0.0350		507.4846
Worker	0.1383	0.0707	0.7681	2.9000e-003	0.4025	2.1900e-003	0.4047	0.1068	2.0100e-003	0.1088		288.8648	288.8648	6.2700e-003		289.0214
Total	0.1764	1.4087	1.1984	7.5600e-003	0.5311	3.7400e-003	0.5349	0.1438	3.4900e-003	0.1473		795.4735	795.4735	0.0413		796.5061

3.5 Building Construction - 2029

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498		2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2029

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	0.0374	1.3217	0.4270	4.6400e-003	0.1286	1.5100e-003	0.1301	0.0370	1.4400e-003	0.0385		504.4400	504.4400	0.0348		505.3100
Worker	0.1309	0.0663	0.7275	2.8200e-003	0.4025	2.0300e-003	0.4046	0.1068	1.8700e-003	0.1086		280.8963	280.8963	5.9100e-003		281.0440
Total	0.1683	1.3880	1.1545	7.4600e-003	0.5311	3.5400e-003	0.5347	0.1438	3.3100e-003	0.1471		785.3363	785.3363	0.0407		786.3540

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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887
Total	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000	2,289.8898	2,289.8898	0.4200		2,300.3887

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2029

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	0.0374	1.3217	0.4270	4.6400e-003	0.1286	1.5100e-003	0.1301	0.0370	1.4400e-003	0.0385		504.4400	504.4400	0.0348		505.3100
Worker	0.1309	0.0663	0.7275	2.8200e-003	0.4025	2.0300e-003	0.4046	0.1068	1.8700e-003	0.1086		280.8963	280.8963	5.9100e-003		281.0440
Total	0.1683	1.3880	1.1545	7.4600e-003	0.5311	3.5400e-003	0.5347	0.1438	3.3100e-003	0.1471		785.3363	785.3363	0.0407		786.3540

3.5 Building Construction - 2030

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2030

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	0.0369	1.3079	0.4252	4.6200e-003	0.1286	1.4800e-003	0.1301	0.0370	1.4100e-003	0.0384		502.6688	502.6688	0.0346		503.5337
Worker	0.1228	0.0621	0.6890	2.7400e-003	0.4025	1.8900e-003	0.4044	0.1068	1.7400e-003	0.1085		273.8891	273.8891	5.5700e-003		274.0284
Total	0.1596	1.3700	1.1142	7.3600e-003	0.5311	3.3700e-003	0.5345	0.1438	3.1500e-003	0.1469		776.5579	776.5579	0.0402		777.5621

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2030

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	0.0369	1.3079	0.4252	4.6200e-003	0.1286	1.4800e-003	0.1301	0.0370	1.4100e-003	0.0384		502.6688	502.6688	0.0346		503.5337
Worker	0.1228	0.0621	0.6890	2.7400e-003	0.4025	1.8900e-003	0.4044	0.1068	1.7400e-003	0.1085		273.8891	273.8891	5.5700e-003		274.0284
Total	0.1596	1.3700	1.1142	7.3600e-003	0.5311	3.3700e-003	0.5345	0.1438	3.1500e-003	0.1469		776.5579	776.5579	0.0402		777.5621

3.5 Building Construction - 2031

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2031

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	0.0364	1.2961	0.4237	4.6000e-003	0.1286	1.4500e-003	0.1301	0.0370	1.3800e-003	0.0384		501.1798	501.1798	0.0344		502.0399
Worker	0.1141	0.0582	0.6523	2.6800e-003	0.4025	1.7600e-003	0.4043	0.1068	1.6100e-003	0.1084		267.7566	267.7566	5.2700e-003		267.8883
Total	0.1505	1.3542	1.0760	7.2800e-003	0.5311	3.2100e-003	0.5344	0.1438	2.9900e-003	0.1468		768.9363	768.9363	0.0397		769.9282

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2031

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	0.0364	1.2961	0.4237	4.6000e-003	0.1286	1.4500e-003	0.1301	0.0370	1.3800e-003	0.0384		501.1798	501.1798	0.0344		502.0399
Worker	0.1141	0.0582	0.6523	2.6800e-003	0.4025	1.7600e-003	0.4043	0.1068	1.6100e-003	0.1084		267.7566	267.7566	5.2700e-003		267.8883
Total	0.1505	1.3542	1.0760	7.2800e-003	0.5311	3.2100e-003	0.5344	0.1438	2.9900e-003	0.1468		768.9363	768.9363	0.0397		769.9282

3.5 Building Construction - 2032

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2032

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	0.0361	1.2855	0.4229	4.5900e-003	0.1286	1.4200e-003	0.1300	0.0370	1.3600e-003	0.0384		500.0643	500.0643	0.0343		500.9205
Worker	0.1064	0.0549	0.6208	2.6300e-003	0.4025	1.6400e-003	0.4042	0.1068	1.5000e-003	0.1083		262.4344	262.4344	5.0200e-003		262.5599
Total	0.1425	1.3403	1.0437	7.2200e-003	0.5311	3.0600e-003	0.5342	0.1438	2.8600e-003	0.1467		762.4987	762.4987	0.0393		763.4803

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2032

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	0.0361	1.2855	0.4229	4.5900e-003	0.1286	1.4200e-003	0.1300	0.0370	1.3600e-003	0.0384		500.0643	500.0643	0.0343		500.9205
Worker	0.1064	0.0549	0.6208	2.6300e-003	0.4025	1.6400e-003	0.4042	0.1068	1.5000e-003	0.1083		262.4344	262.4344	5.0200e-003		262.5599
Total	0.1425	1.3403	1.0437	7.2200e-003	0.5311	3.0600e-003	0.5342	0.1438	2.8600e-003	0.1467		762.4987	762.4987	0.0393		763.4803

3.5 Building Construction - 2033

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2033

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	0.0359	1.2759	0.4226	4.5800e-003	0.1286	1.4000e-003	0.1300	0.0370	1.3400e-003	0.0384		499.1524	499.1524	0.0341		500.0054
Worker	0.0997	0.0521	0.5936	2.5800e-003	0.4025	1.5300e-003	0.4041	0.1068	1.4000e-003	0.1082		257.8515	257.8515	4.8000e-003		257.9716
Total	0.1356	1.3280	1.0161	7.1600e-003	0.5311	2.9300e-003	0.5341	0.1438	2.7400e-003	0.1465		757.0039	757.0039	0.0389		757.9769

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2033

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	0.0359	1.2759	0.4226	4.5800e-003	0.1286	1.4000e-003	0.1300	0.0370	1.3400e-003	0.0384		499.1524	499.1524	0.0341		500.0054
Worker	0.0997	0.0521	0.5936	2.5800e-003	0.4025	1.5300e-003	0.4041	0.1068	1.4000e-003	0.1082		257.8515	257.8515	4.8000e-003		257.9716
Total	0.1356	1.3280	1.0161	7.1600e-003	0.5311	2.9300e-003	0.5341	0.1438	2.7400e-003	0.1465		757.0039	757.0039	0.0389		757.9769

3.5 Building Construction - 2034

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407		2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2034

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	0.0357	1.2676	0.4220	4.5700e-003	0.1286	1.3800e-003	0.1300	0.0370	1.3200e-003	0.0384		498.4520	498.4520	0.0340		499.3025
Worker	0.0939	0.0497	0.5674	2.5400e-003	0.4025	1.4200e-003	0.4040	0.1068	1.3100e-003	0.1081		253.9025	253.9025	4.6000e-003		254.0175
Total	0.1296	1.3173	0.9894	7.1100e-003	0.5311	2.8000e-003	0.5340	0.1438	2.6300e-003	0.1464		752.3545	752.3545	0.0386		753.3199

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	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817
Total	1.2362	7.8973	13.6415	0.0275		0.1407	0.1407		0.1407	0.1407	0.0000	2,498.9289	2,498.9289	0.1101		2,501.6817

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2034

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	0.0357	1.2676	0.4220	4.5700e-003	0.1286	1.3800e-003	0.1300	0.0370	1.3200e-003	0.0384		498.4520	498.4520	0.0340		499.3025
Worker	0.0939	0.0497	0.5674	2.5400e-003	0.4025	1.4200e-003	0.4040	0.1068	1.3100e-003	0.1081		253.9025	253.9025	4.6000e-003		254.0175
Total	0.1296	1.3173	0.9894	7.1100e-003	0.5311	2.8000e-003	0.5340	0.1438	2.6300e-003	0.1464		752.3545	752.3545	0.0386		753.3199

3.5 Building Construction - 2035

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2035

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2035

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

3.5 Building Construction - 2036

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2036

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2036

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

3.5 Building Construction - 2037

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2037

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2037

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

3.5 Building Construction - 2038

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2038

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2038

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

3.5 Building Construction - 2039

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788		2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2039

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

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	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326
Total	1.1291	7.1357	13.5811	0.0275		0.0788	0.0788		0.0788	0.0788	0.0000	2,498.9289	2,498.9289	0.1002		2,501.4326

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2039

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	0.0355	1.2606	0.4213	4.5600e-003	0.1286	1.3700e-003	0.1300	0.0370	1.3100e-003	0.0383		497.9040	497.9040	0.0339		498.7522
Worker	0.0889	0.0479	0.5450	2.5100e-003	0.4025	1.3300e-003	0.4039	0.1068	1.2300e-003	0.1080		250.5672	250.5672	4.4200e-003		250.6776
Total	0.1244	1.3085	0.9664	7.0700e-003	0.5311	2.7000e-003	0.5339	0.1438	2.5400e-003	0.1463		748.4712	748.4712	0.0384		749.4298

3.5 Building Construction - 2040

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2040

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2040

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

3.5 Building Construction - 2041

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2041

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2041

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

3.5 Building Construction - 2042

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2042

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2042

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

3.5 Building Construction - 2043

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2043

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2043

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

3.5 Building Construction - 2044

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2044

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2044

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	0.0350	1.2391	0.4165	4.5600e-003	0.1286	1.3200e-003	0.1300	0.0370	1.2600e-003	0.0383		497.3364	497.3364	0.0335		498.1735
Worker	0.0703	0.0417	0.4742	2.4100e-003	0.4025	1.0300e-003	0.4036	0.1068	9.5000e-004	0.1077		240.5786	240.5786	3.8100e-003		240.6738
Total	0.1054	1.2808	0.8907	6.9700e-003	0.5311	2.3500e-003	0.5335	0.1438	2.2100e-003	0.1460		737.9150	737.9150	0.0373		738.8473

3.5 Building Construction - 2045

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2045

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2045

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

3.5 Building Construction - 2046

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2046

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2046

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

3.5 Building Construction - 2047

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2047

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2047

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

3.5 Building Construction - 2048

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2048

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2048

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

3.5 Building Construction - 2049

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613		2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2049

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

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	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649
Total	1.1095	6.8520	13.5697	0.0275		0.0613	0.0613		0.0613	0.0613	0.0000	2,498.9300	2,498.9300	0.0974		2,501.3649

No Industrial - 2050 - San Diego County, Winter

3.5 Building Construction - 2049

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	0.0347	1.2310	0.4098	4.5500e-003	0.1286	1.3000e-003	0.1299	0.0370	1.2400e-003	0.0383		496.0264	496.0264	0.0327		496.8433
Worker	0.0629	0.0395	0.4468	2.3700e-003	0.4025	9.1000e-004	0.4034	0.1068	8.4000e-004	0.1076		236.7666	236.7666	3.6100e-003		236.8568
Total	0.0976	1.2705	0.8567	6.9200e-003	0.5312	2.2100e-003	0.5334	0.1438	2.0800e-003	0.1459		732.7930	732.7930	0.0363		733.7002

3.6 Paving - 2048

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	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939		2,043.2046	2,043.2046	0.0751		2,045.0814
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939		2,043.2046	2,043.2046	0.0751		2,045.0814

No Industrial - 2050 - San Diego County, Winter

3.6 Paving - 2048

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

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	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939	0.0000	2,043.2046	2,043.2046	0.0751		2,045.0814
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939	0.0000	2,043.2046	2,043.2046	0.0751		2,045.0814

No Industrial - 2050 - San Diego County, Winter

3.6 Paving - 2048

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

3.6 Paving - 2049

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	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939		2,043.2046	2,043.2046	0.0751		2,045.0814
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939		2,043.2046	2,043.2046	0.0751		2,045.0814

No Industrial - 2050 - San Diego County, Winter

3.6 Paving - 2049

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

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	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939	0.0000	2,043.2046	2,043.2046	0.0751		2,045.0814
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8538	3.9541	12.5049	0.0218		0.0939	0.0939		0.0939	0.0939	0.0000	2,043.2046	2,043.2046	0.0751		2,045.0814

No Industrial - 2050 - San Diego County, Winter

3.6 Paving - 2049

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

3.7 Architectural Coating - 2048

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	2.4165					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	2.5314	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

No Industrial - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2048

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	0.0128	8.0600e-003	0.0912	4.8000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		48.3197	48.3197	7.4000e-004		48.3381
Total	0.0128	8.0600e-003	0.0912	4.8000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		48.3197	48.3197	7.4000e-004		48.3381

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	2.4165					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	2.5314	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

No Industrial - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2048

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	0.0128	8.0600e-003	0.0912	4.8000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		48.3197	48.3197	7.4000e-004		48.3381
Total	0.0128	8.0600e-003	0.0912	4.8000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		48.3197	48.3197	7.4000e-004		48.3381

3.7 Architectural Coating - 2049

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	2.4165					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	2.5314	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

No Industrial - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2049

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	0.0128	8.0600e-003	0.0912	4.8000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		48.3197	48.3197	7.4000e-004		48.3381
Total	0.0128	8.0600e-003	0.0912	4.8000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		48.3197	48.3197	7.4000e-004		48.3381

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	2.4165					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	2.5314	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

No Industrial - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2049

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	0.0128	8.0600e-003	0.0912	4.8000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		48.3197	48.3197	7.4000e-004		48.3381
Total	0.0128	8.0600e-003	0.0912	4.8000e-004	0.0822	1.9000e-004	0.0823	0.0218	1.7000e-004	0.0220		48.3197	48.3197	7.4000e-004		48.3381

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

No Industrial - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

No Industrial - 2050 - San Diego County, Winter

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
NaturalGas Unmitigated	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

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					
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Total		0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

No Industrial - 2050 - San Diego County, Winter

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
Total		0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Unmitigated	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

No Industrial - 2050 - San Diego County, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0800e-003	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Total	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0800e-003	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270
Total	2.7781	1.1000e-004	0.0118	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0254	0.0254	7.0000e-005		0.0270

7.0 Water Detail

No Industrial - 2050 - San Diego County, Winter

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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General Plan Build Out - 2030
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,116.00	1000sqft	94.49	4,116,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,667.00	Dwelling Unit	541.23	3,000,600.00	4768

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	321.79	CH4 Intensity (lb/MW hr)	0.013	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - SDG&E intensity factors adjusted for 2030

Land Use -

Construction Phase - Adjusted schedule to meet 2030 buildout

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	880.00	138.00
tblConstructionPhase	NumDays	12,400.00	1,945.00
tblConstructionPhase	NumDays	800.00	125.00
tblConstructionPhase	NumDays	1,240.00	194.00
tblConstructionPhase	NumDays	880.00	138.00
tblConstructionPhase	NumDays	480.00	75.00
tblConstructionPhase	PhaseEndDate	12/7/2084	12/19/2029
tblConstructionPhase	PhaseEndDate	3/10/2078	12/19/2029

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tblConstructionPhase	PhaseEndDate	1/25/2024	6/24/2021
tblConstructionPhase	PhaseEndDate	8/29/2030	7/6/2022
tblConstructionPhase	PhaseEndDate	7/24/2081	12/19/2029
tblConstructionPhase	PhaseEndDate	11/27/2025	10/7/2021
tblConstructionPhase	PhaseStartDate	7/25/2081	6/11/2029
tblConstructionPhase	PhaseStartDate	8/30/2030	7/7/2022
tblConstructionPhase	PhaseStartDate	11/28/2025	10/8/2021
tblConstructionPhase	PhaseStartDate	3/11/2078	6/11/2029
tblConstructionPhase	PhaseStartDate	1/26/2024	6/25/2021
tblEnergyUse	NT24E	3,172.76	3,172.76
tblEnergyUse	NT24E	6,155.97	6,155.97
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,026.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00

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tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

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2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4792	4.9044	3.1384	5.9200e-003	1.1362	0.2343	1.3705	0.5059	0.2164	0.7223	0.0000	519.6677	519.6677	0.1546	0.0000	523.5318
2022	1.3312	11.0591	10.2988	0.0424	3.0243	0.1866	3.2109	0.8877	0.1732	1.0610	0.0000	3,956.2287	3,956.2287	0.3306	0.0000	3,964.4925
2023	2.0268	14.0407	15.9035	0.0758	4.8232	0.1305	4.9537	1.3040	0.1225	1.4265	0.0000	7,119.2990	7,119.2990	0.4041	0.0000	7,129.4023
2024	1.9435	13.7844	15.2169	0.0747	4.8603	0.1193	4.9797	1.3141	0.1119	1.4260	0.0000	7,026.7912	7,026.7912	0.3971	0.0000	7,036.7184
2025	1.8489	13.3722	14.4351	0.0728	4.8418	0.1069	4.9487	1.3091	0.1002	1.4093	0.0000	6,856.1218	6,856.1218	0.3868	0.0000	6,865.7908
2026	1.7848	13.1573	13.8431	0.0713	4.8418	0.1057	4.9475	1.3091	0.0991	1.4082	0.0000	6,729.5135	6,729.5135	0.3795	0.0000	6,739.0012
2027	1.7220	12.9555	13.3203	0.0701	4.8418	0.1041	4.9459	1.3091	0.0976	1.4067	0.0000	6,617.1979	6,617.1979	0.3732	0.0000	6,626.5283
2028	1.6508	12.7361	12.8305	0.0687	4.8232	0.1018	4.9250	1.3040	0.0955	1.3995	0.0000	6,494.4657	6,494.4657	0.3663	0.0000	6,503.6243
2029	55.1313	12.9683	13.9826	0.0707	5.1106	0.1318	5.2424	1.3798	0.1233	1.5031	0.0000	6,663.7604	6,663.7604	0.4033	0.0000	6,673.8438
Maximum	55.1313	14.0407	15.9035	0.0758	5.1106	0.2343	5.2424	1.3798	0.2164	1.5031	0.0000	7,119.2990	7,119.2990	0.4041	0.0000	7,129.4023

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2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4792	4.9044	3.1384	5.9200e-003	1.1362	0.2343	1.3705	0.5059	0.2164	0.7223	0.0000	519.6671	519.6671	0.1546	0.0000	523.5312
2022	1.3312	11.0591	10.2988	0.0424	3.0243	0.1866	3.2109	0.8877	0.1732	1.0610	0.0000	3,956.2281	3,956.2281	0.3306	0.0000	3,964.4918
2023	2.0268	14.0407	15.9035	0.0758	4.8232	0.1305	4.9537	1.3040	0.1225	1.4265	0.0000	7,119.2986	7,119.2986	0.4041	0.0000	7,129.4019
2024	1.9435	13.7844	15.2169	0.0747	4.8603	0.1193	4.9797	1.3141	0.1119	1.4260	0.0000	7,026.7908	7,026.7908	0.3971	0.0000	7,036.7180
2025	1.8489	13.3722	14.4351	0.0728	4.8418	0.1069	4.9487	1.3091	0.1002	1.4093	0.0000	6,856.1215	6,856.1215	0.3868	0.0000	6,865.7904
2026	1.7848	13.1573	13.8431	0.0713	4.8418	0.1057	4.9475	1.3091	0.0991	1.4082	0.0000	6,729.5131	6,729.5131	0.3795	0.0000	6,739.0009
2027	1.7220	12.9555	13.3203	0.0701	4.8418	0.1041	4.9459	1.3091	0.0976	1.4067	0.0000	6,617.1975	6,617.1975	0.3732	0.0000	6,626.5280
2028	1.6508	12.7361	12.8305	0.0687	4.8232	0.1018	4.9250	1.3040	0.0955	1.3995	0.0000	6,494.4654	6,494.4654	0.3663	0.0000	6,503.6239
2029	55.1313	12.9683	13.9826	0.0707	5.1106	0.1318	5.2424	1.3798	0.1233	1.5031	0.0000	6,663.7598	6,663.7598	0.4033	0.0000	6,673.8433
Maximum	55.1313	14.0407	15.9035	0.0758	5.1106	0.2343	5.2424	1.3798	0.2164	1.5031	0.0000	7,119.2986	7,119.2986	0.4041	0.0000	7,129.4019

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	1.1154	1.1154

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2	4-1-2021	6-30-2021	1.1485	1.1485
3	7-1-2021	9-30-2021	1.4617	1.4617
4	10-1-2021	12-31-2021	1.6510	1.6510
5	1-1-2022	3-31-2022	1.3689	1.3689
6	4-1-2022	6-30-2022	1.3837	1.3837
7	7-1-2022	9-30-2022	4.6581	4.6581
8	10-1-2022	12-31-2022	4.9637	4.9637
9	1-1-2023	3-31-2023	3.9986	3.9986
10	4-1-2023	6-30-2023	3.9716	3.9716
11	7-1-2023	9-30-2023	4.0153	4.0153
12	10-1-2023	12-31-2023	4.0875	4.0875
13	1-1-2024	3-31-2024	3.9268	3.9268
14	4-1-2024	6-30-2024	3.8591	3.8591
15	7-1-2024	9-30-2024	3.9015	3.9015
16	10-1-2024	12-31-2024	3.9699	3.9699
17	1-1-2025	3-31-2025	3.7724	3.7724
18	4-1-2025	6-30-2025	3.7499	3.7499
19	7-1-2025	9-30-2025	3.7911	3.7911
20	10-1-2025	12-31-2025	3.8562	3.8562
21	1-1-2026	3-31-2026	3.7027	3.7027
22	4-1-2026	6-30-2026	3.6822	3.6822
23	7-1-2026	9-30-2026	3.7227	3.7227
24	10-1-2026	12-31-2026	3.7850	3.7850
25	1-1-2027	3-31-2027	3.6364	3.6364
26	4-1-2027	6-30-2027	3.6180	3.6180
27	7-1-2027	9-30-2027	3.6578	3.6578
28	10-1-2027	12-31-2027	3.7172	3.7172

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29	1-1-2028	3-31-2028	3.6167	3.6167
30	4-1-2028	6-30-2028	3.5609	3.5609
31	7-1-2028	9-30-2028	3.6000	3.6000
32	10-1-2028	12-31-2028	3.6565	3.6565
33	1-1-2029	3-31-2029	3.5161	3.5161
34	4-1-2029	6-30-2029	9.1263	9.1263
35	7-1-2029	9-30-2029	29.4101	29.4101
		Highest	29.4101	29.4101

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	tons/yr										MT/yr					
Area	298.9191	5.3285	344.9899	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.817 1
Energy	0.5636	5.0057	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	16,309.56 83	16,309.56 83	0.5405	0.2023	16,383.36 73
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,426.961 5	0.0000	1,426.961 5	84.3310	0.0000	3,535.236 8
Water						0.0000	0.0000		0.0000	0.0000	324.6231	2,942.569 6	3,267.192 8	33.4608	0.8147	4,346.495 3
Total	299.4827	10.3342	348.4312	0.6028	0.0000	44.7016	44.7016	0.0000	44.7016	44.7016	5,950.557 7	21,062.50 51	27,013.06 28	122.2544	1.3473	30,470.91 64

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	298.9191	5.3285	344.9899	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.817 1
Energy	0.5636	5.0057	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	16,309.56 83	16,309.56 83	0.5405	0.2023	16,383.36 73
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,426.961 5	0.0000	1,426.961 5	84.3310	0.0000	3,535.236 8
Water						0.0000	0.0000		0.0000	0.0000	324.6231	2,942.569 6	3,267.192 8	33.4608	0.8147	4,346.495 3
Total	299.4827	10.3342	348.4312	0.6028	0.0000	44.7016	44.7016	0.0000	44.7016	44.7016	5,950.557 7	21,062.50 51	27,013.06 28	122.2544	1.3473	30,470.91 64

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	6/24/2021	5	125	
2	Site Preparation	Site Preparation	6/25/2021	10/7/2021	5	75	
3	Grading	Grading	10/8/2021	7/6/2022	5	194	
4	Building Construction	Building Construction	7/7/2022	12/19/2029	5	1945	
5	Paving	Paving	6/11/2029	12/19/2029	5	138	
6	Architectural Coating	Architectural Coating	6/11/2029	12/19/2029	5	138	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 485

Acres of Paving: 0

Residential Indoor: 10,932,165; Residential Outdoor: 3,644,055; Non-Residential Indoor: 6,348,000; Non-Residential Outdoor: 2,116,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,693.00	1,128.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	739.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1978	1.9650	1.3478	2.4300e-003		0.0970	0.0970		0.0901	0.0901	0.0000	212.5049	212.5049	0.0598	0.0000	214.0002
Total	0.1978	1.9650	1.3478	2.4300e-003		0.0970	0.0970		0.0901	0.0901	0.0000	212.5049	212.5049	0.0598	0.0000	214.0002

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.2600e-003	2.3300e-003	0.0234	7.0000e-005	7.5200e-003	5.0000e-005	7.5700e-003	2.0000e-003	5.0000e-005	2.0500e-003	0.0000	6.5674	6.5674	1.9000e-004	0.0000	6.5721
Total	3.2600e-003	2.3300e-003	0.0234	7.0000e-005	7.5200e-003	5.0000e-005	7.5700e-003	2.0000e-003	5.0000e-005	2.0500e-003	0.0000	6.5674	6.5674	1.9000e-004	0.0000	6.5721

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	tons/yr										MT/yr					
Off-Road	0.1978	1.9650	1.3478	2.4300e-003		0.0970	0.0970		0.0901	0.0901	0.0000	212.5047	212.5047	0.0598	0.0000	213.9999
Total	0.1978	1.9650	1.3478	2.4300e-003		0.0970	0.0970		0.0901	0.0901	0.0000	212.5047	212.5047	0.0598	0.0000	213.9999

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3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.2600e-003	2.3300e-003	0.0234	7.0000e-005	7.5200e-003	5.0000e-005	7.5700e-003	2.0000e-003	5.0000e-005	2.0500e-003	0.0000	6.5674	6.5674	1.9000e-004	0.0000	6.5721
Total	3.2600e-003	2.3300e-003	0.0234	7.0000e-005	7.5200e-003	5.0000e-005	7.5700e-003	2.0000e-003	5.0000e-005	2.0500e-003	0.0000	6.5674	6.5674	1.9000e-004	0.0000	6.5721

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6775	0.0000	0.6775	0.3724	0.0000	0.3724	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1458	1.5186	0.7933	1.4300e-003		0.0767	0.0767		0.0705	0.0705	0.0000	125.3839	125.3839	0.0406	0.0000	126.3977
Total	0.1458	1.5186	0.7933	1.4300e-003	0.6775	0.0767	0.7542	0.3724	0.0705	0.4429	0.0000	125.3839	125.3839	0.0406	0.0000	126.3977

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3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.3500e-003	1.6700e-003	0.0169	5.0000e-005	5.4100e-003	4.0000e-005	5.4500e-003	1.4400e-003	4.0000e-005	1.4700e-003	0.0000	4.7285	4.7285	1.4000e-004	0.0000	4.7319
Total	2.3500e-003	1.6700e-003	0.0169	5.0000e-005	5.4100e-003	4.0000e-005	5.4500e-003	1.4400e-003	4.0000e-005	1.4700e-003	0.0000	4.7285	4.7285	1.4000e-004	0.0000	4.7319

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	tons/yr										MT/yr					
Fugitive Dust					0.6775	0.0000	0.6775	0.3724	0.0000	0.3724	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1458	1.5186	0.7933	1.4300e-003		0.0767	0.0767		0.0705	0.0705	0.0000	125.3838	125.3838	0.0406	0.0000	126.3976
Total	0.1458	1.5186	0.7933	1.4300e-003	0.6775	0.0767	0.7542	0.3724	0.0705	0.4429	0.0000	125.3838	125.3838	0.0406	0.0000	126.3976

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3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.3500e-003	1.6700e-003	0.0169	5.0000e-005	5.4100e-003	4.0000e-005	5.4500e-003	1.4400e-003	4.0000e-005	1.4700e-003	0.0000	4.7285	4.7285	1.4000e-004	0.0000	4.7319
Total	2.3500e-003	1.6700e-003	0.0169	5.0000e-005	5.4100e-003	4.0000e-005	5.4500e-003	1.4400e-003	4.0000e-005	1.4700e-003	0.0000	4.7285	4.7285	1.4000e-004	0.0000	4.7319

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4408	0.0000	0.4408	0.1287	0.0000	0.1287	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1278	1.4152	0.9418	1.8900e-003		0.0606	0.0606		0.0557	0.0557	0.0000	166.2097	166.2097	0.0538	0.0000	167.5536
Total	0.1278	1.4152	0.9418	1.8900e-003	0.4408	0.0606	0.5014	0.1287	0.0557	0.1844	0.0000	166.2097	166.2097	0.0538	0.0000	167.5536

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3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.1200e-003	1.5100e-003	0.0152	5.0000e-005	4.8900e-003	3.0000e-005	4.9300e-003	1.3000e-003	3.0000e-005	1.3300e-003	0.0000	4.2732	4.2732	1.2000e-004	0.0000	4.2763
Total	2.1200e-003	1.5100e-003	0.0152	5.0000e-005	4.8900e-003	3.0000e-005	4.9300e-003	1.3000e-003	3.0000e-005	1.3300e-003	0.0000	4.2732	4.2732	1.2000e-004	0.0000	4.2763

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	tons/yr										MT/yr					
Fugitive Dust					0.4408	0.0000	0.4408	0.1287	0.0000	0.1287	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1278	1.4152	0.9418	1.8900e-003		0.0606	0.0606		0.0557	0.0557	0.0000	166.2095	166.2095	0.0538	0.0000	167.5534
Total	0.1278	1.4152	0.9418	1.8900e-003	0.4408	0.0606	0.5014	0.1287	0.0557	0.1844	0.0000	166.2095	166.2095	0.0538	0.0000	167.5534

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3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.1200e-003	1.5100e-003	0.0152	5.0000e-005	4.8900e-003	3.0000e-005	4.9300e-003	1.3000e-003	3.0000e-005	1.3300e-003	0.0000	4.2732	4.2732	1.2000e-004	0.0000	4.2763
Total	2.1200e-003	1.5100e-003	0.0152	5.0000e-005	4.8900e-003	3.0000e-005	4.9300e-003	1.3000e-003	3.0000e-005	1.3300e-003	0.0000	4.2732	4.2732	1.2000e-004	0.0000	4.2763

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6576	0.0000	0.6576	0.2479	0.0000	0.2479	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2411	2.5831	1.9313	4.1300e-003		0.1087	0.1087		0.1000	0.1000	0.0000	362.6551	362.6551	0.1173	0.0000	365.5873
Total	0.2411	2.5831	1.9313	4.1300e-003	0.6576	0.1087	0.7664	0.2479	0.1000	0.3479	0.0000	362.6551	362.6551	0.1173	0.0000	365.5873

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3.4 Grading - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.3800e-003	3.0100e-003	0.0309	1.0000e-004	0.0107	7.0000e-005	0.0107	2.8300e-003	7.0000e-005	2.9000e-003	0.0000	8.9754	8.9754	2.4000e-004	0.0000	8.9815
Total	4.3800e-003	3.0100e-003	0.0309	1.0000e-004	0.0107	7.0000e-005	0.0107	2.8300e-003	7.0000e-005	2.9000e-003	0.0000	8.9754	8.9754	2.4000e-004	0.0000	8.9815

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	tons/yr										MT/yr					
Fugitive Dust					0.6576	0.0000	0.6576	0.2479	0.0000	0.2479	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2411	2.5831	1.9313	4.1300e-003		0.1087	0.1087		0.1000	0.1000	0.0000	362.6547	362.6547	0.1173	0.0000	365.5869
Total	0.2411	2.5831	1.9313	4.1300e-003	0.6576	0.1087	0.7664	0.2479	0.1000	0.3479	0.0000	362.6547	362.6547	0.1173	0.0000	365.5869

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3.4 Grading - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.3800e-003	3.0100e-003	0.0309	1.0000e-004	0.0107	7.0000e-005	0.0107	2.8300e-003	7.0000e-005	2.9000e-003	0.0000	8.9754	8.9754	2.4000e-004	0.0000	8.9815
Total	4.3800e-003	3.0100e-003	0.0309	1.0000e-004	0.0107	7.0000e-005	0.0107	2.8300e-003	7.0000e-005	2.9000e-003	0.0000	8.9754	8.9754	2.4000e-004	0.0000	8.9815

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1084	0.9916	1.0391	1.7100e-003		0.0514	0.0514		0.0483	0.0483	0.0000	147.1455	147.1455	0.0353	0.0000	148.0268
Total	0.1084	0.9916	1.0391	1.7100e-003		0.0514	0.0514		0.0483	0.0483	0.0000	147.1455	147.1455	0.0353	0.0000	148.0268

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3.5 Building Construction - 2022

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2060	6.9512	1.8585	0.0190	0.4754	0.0134	0.4888	0.1373	0.0128	0.1501	0.0000	1,854.9087	1,854.9087	0.1346	0.0000	1,858.2746
Worker	0.7714	0.5303	5.4391	0.0175	1.8805	0.0130	1.8936	0.4997	0.0120	0.5117	0.0000	1,582.5440	1,582.5440	0.0431	0.0000	1,583.6221
Total	0.9774	7.4815	7.2976	0.0365	2.3560	0.0264	2.3824	0.6370	0.0248	0.6618	0.0000	3,437.4527	3,437.4527	0.1778	0.0000	3,441.8968

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	tons/yr										MT/yr					
Off-Road	0.1084	0.9916	1.0391	1.7100e-003		0.0514	0.0514		0.0483	0.0483	0.0000	147.1454	147.1454	0.0353	0.0000	148.0267
Total	0.1084	0.9916	1.0391	1.7100e-003		0.0514	0.0514		0.0483	0.0483	0.0000	147.1454	147.1454	0.0353	0.0000	148.0267

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3.5 Building Construction - 2022

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2060	6.9512	1.8585	0.0190	0.4754	0.0134	0.4888	0.1373	0.0128	0.1501	0.0000	1,854.9087	1,854.9087	0.1346	0.0000	1,858.2746
Worker	0.7714	0.5303	5.4391	0.0175	1.8805	0.0130	1.8936	0.4997	0.0120	0.5117	0.0000	1,582.5440	1,582.5440	0.0431	0.0000	1,583.6221
Total	0.9774	7.4815	7.2976	0.0365	2.3560	0.0264	2.3824	0.6370	0.0248	0.6618	0.0000	3,437.4527	3,437.4527	0.1778	0.0000	3,441.8968

3.5 Building Construction - 2023

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	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383

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3.5 Building Construction - 2023

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3254	11.1795	3.4648	0.0378	0.9733	0.0134	0.9867	0.2810	0.0128	0.2938	0.0000	3,701.8546	3,701.8546	0.2517	0.0000	3,708.1474
Worker	1.4969	0.9912	10.3270	0.0345	3.8499	0.0261	3.8760	1.0230	0.0241	1.0471	0.0000	3,116.0982	3,116.0982	0.0807	0.0000	3,118.1166
Total	1.8223	12.1707	13.7918	0.0722	4.8232	0.0395	4.8627	1.3041	0.0369	1.3409	0.0000	6,817.9528	6,817.9528	0.3324	0.0000	6,826.2640

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	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380

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3.5 Building Construction - 2023

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3254	11.1795	3.4648	0.0378	0.9733	0.0134	0.9867	0.2810	0.0128	0.2938	0.0000	3,701.8546	3,701.8546	0.2517	0.0000	3,708.1474
Worker	1.4969	0.9912	10.3270	0.0345	3.8499	0.0261	3.8760	1.0230	0.0241	1.0471	0.0000	3,116.0982	3,116.0982	0.0807	0.0000	3,118.1166
Total	1.8223	12.1707	13.7918	0.0722	4.8232	0.0395	4.8627	1.3041	0.0369	1.3409	0.0000	6,817.9528	6,817.9528	0.3324	0.0000	6,826.2640

3.5 Building Construction - 2024

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	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179

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3.5 Building Construction - 2024

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3162	11.1072	3.3806	0.0378	0.9808	0.0131	0.9939	0.2832	0.0126	0.2957	0.0000	3,706.6207	3,706.6207	0.2505	0.0000	3,712.8841
Worker	1.4345	0.9161	9.7184	0.0334	3.8795	0.0258	3.9054	1.0309	0.0238	1.0547	0.0000	3,016.4481	3,016.4481	0.0747	0.0000	3,018.3164
Total	1.7507	12.0233	13.0991	0.0711	4.8603	0.0390	4.8993	1.3141	0.0364	1.3504	0.0000	6,723.0689	6,723.0689	0.3253	0.0000	6,731.2005

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	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175

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3.5 Building Construction - 2024

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3162	11.1072	3.3806	0.0378	0.9808	0.0131	0.9939	0.2832	0.0126	0.2957	0.0000	3,706.6207	3,706.6207	0.2505	0.0000	3,712.8841
Worker	1.4345	0.9161	9.7184	0.0334	3.8795	0.0258	3.9054	1.0309	0.0238	1.0547	0.0000	3,016.4481	3,016.4481	0.0747	0.0000	3,018.3164
Total	1.7507	12.0233	13.0991	0.0711	4.8603	0.0390	4.8993	1.3141	0.0364	1.3504	0.0000	6,723.0689	6,723.0689	0.3253	0.0000	6,731.2005

3.5 Building Construction - 2025

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3057	10.9035	3.2998	0.0374	0.9770	0.0127	0.9897	0.2821	0.0121	0.2942	0.0000	3,670.0105	3,670.0105	0.2469	0.0000	3,676.1831
Worker	1.3647	0.8414	9.0362	0.0319	3.8647	0.0253	3.8901	1.0270	0.0233	1.0503	0.0000	2,883.4564	2,883.4564	0.0687	0.0000	2,885.1741
Total	1.6704	11.7449	12.3360	0.0692	4.8418	0.0380	4.8798	1.3091	0.0355	1.3445	0.0000	6,553.4669	6,553.4669	0.3156	0.0000	6,561.3573

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3057	10.9035	3.2998	0.0374	0.9770	0.0127	0.9897	0.2821	0.0121	0.2942	0.0000	3,670.0105	3,670.0105	0.2469	0.0000	3,676.1831
Worker	1.3647	0.8414	9.0362	0.0319	3.8647	0.0253	3.8901	1.0270	0.0233	1.0503	0.0000	2,883.4564	2,883.4564	0.0687	0.0000	2,885.1741
Total	1.6704	11.7449	12.3360	0.0692	4.8418	0.0380	4.8798	1.3091	0.0355	1.3445	0.0000	6,553.4669	6,553.4669	0.3156	0.0000	6,561.3573

3.5 Building Construction - 2026

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2979	10.7475	3.2526	0.0371	0.9770	0.0123	0.9894	0.2821	0.0118	0.2939	0.0000	3,649.0021	3,649.0021	0.2444	0.0000	3,655.1110
Worker	1.3085	0.7826	8.4915	0.0307	3.8647	0.0246	3.8893	1.0270	0.0226	1.0496	0.0000	2,777.8565	2,777.8565	0.0640	0.0000	2,779.4567
Total	1.6064	11.5300	11.7441	0.0678	4.8418	0.0369	4.8787	1.3091	0.0344	1.3434	0.0000	6,426.8586	6,426.8586	0.3084	0.0000	6,434.5677

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2979	10.7475	3.2526	0.0371	0.9770	0.0123	0.9894	0.2821	0.0118	0.2939	0.0000	3,649.0021	3,649.0021	0.2444	0.0000	3,655.1110
Worker	1.3085	0.7826	8.4915	0.0307	3.8647	0.0246	3.8893	1.0270	0.0226	1.0496	0.0000	2,777.8565	2,777.8565	0.0640	0.0000	2,779.4567
Total	1.6064	11.5300	11.7441	0.0678	4.8418	0.0369	4.8787	1.3091	0.0344	1.3434	0.0000	6,426.8586	6,426.8586	0.3084	0.0000	6,434.5677

3.5 Building Construction - 2027

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2913	10.5978	3.2124	0.0369	0.9770	0.0120	0.9891	0.2821	0.0115	0.2936	0.0000	3,629.7423	3,629.7423	0.2422	0.0000	3,635.7961
Worker	1.2522	0.7305	8.0088	0.0297	3.8647	0.0232	3.8880	1.0270	0.0214	1.0484	0.0000	2,684.8007	2,684.8007	0.0599	0.0000	2,686.2987
Total	1.5435	11.3282	11.2212	0.0665	4.8418	0.0353	4.8770	1.3091	0.0329	1.3419	0.0000	6,314.5430	6,314.5430	0.3021	0.0000	6,322.0948

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2913	10.5978	3.2124	0.0369	0.9770	0.0120	0.9891	0.2821	0.0115	0.2936	0.0000	3,629.7423	3,629.7423	0.2422	0.0000	3,635.7961
Worker	1.2522	0.7305	8.0088	0.0297	3.8647	0.0232	3.8880	1.0270	0.0214	1.0484	0.0000	2,684.8007	2,684.8007	0.0599	0.0000	2,686.2987
Total	1.5435	11.3282	11.2212	0.0665	4.8418	0.0353	4.8770	1.3091	0.0329	1.3419	0.0000	6,314.5430	6,314.5430	0.3021	0.0000	6,322.0948

3.5 Building Construction - 2028

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2850	10.4333	3.1795	0.0365	0.9733	0.0117	0.9850	0.2810	0.0112	0.2922	0.0000	3,599.7967	3,599.7967	0.2392	0.0000	3,605.7773
Worker	1.1880	0.6818	7.5600	0.0287	3.8499	0.0214	3.8714	1.0230	0.0197	1.0428	0.0000	2,593.1737	2,593.1737	0.0562	0.0000	2,594.5798
Total	1.4731	11.1150	10.7395	0.0652	4.8232	0.0332	4.8564	1.3040	0.0309	1.3350	0.0000	6,192.9705	6,192.9705	0.2955	0.0000	6,200.3572

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2850	10.4333	3.1795	0.0365	0.9733	0.0117	0.9850	0.2810	0.0112	0.2922	0.0000	3,599.7967	3,599.7967	0.2392	0.0000	3,605.7773
Worker	1.1880	0.6818	7.5600	0.0287	3.8499	0.0214	3.8714	1.0230	0.0197	1.0428	0.0000	2,593.1737	2,593.1737	0.0562	0.0000	2,594.5798
Total	1.4731	11.1150	10.7395	0.0652	4.8232	0.0332	4.8564	1.3040	0.0309	1.3350	0.0000	6,192.9705	6,192.9705	0.2955	0.0000	6,200.3572

3.5 Building Construction - 2029

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	tons/yr										MT/yr					
Off-Road	0.1730	1.5774	2.0347	3.4100e-003		0.0667	0.0667		0.0628	0.0628	0.0000	293.3781	293.3781	0.0690	0.0000	295.1022
Total	0.1730	1.5774	2.0347	3.4100e-003		0.0667	0.0667		0.0628	0.0628	0.0000	293.3781	293.3781	0.0690	0.0000	295.1022

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2726	10.0281	3.0714	0.0353	0.9471	0.0111	0.9582	0.2734	0.0106	0.2841	0.0000	3,487.5934	3,487.5934	0.2314	0.0000	3,493.3775
Worker	1.0934	0.6223	6.9696	0.0271	3.7463	0.0194	3.7656	0.9955	0.0178	1.0133	0.0000	2,453.7730	2,453.7730	0.0516	0.0000	2,455.0635
Total	1.3659	10.6504	10.0410	0.0625	4.6934	0.0305	4.7239	1.2689	0.0285	1.2974	0.0000	5,941.3663	5,941.3663	0.2830	0.0000	5,948.4411

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	tons/yr										MT/yr					
Off-Road	0.1730	1.5774	2.0347	3.4100e-003		0.0667	0.0667		0.0628	0.0628	0.0000	293.3778	293.3778	0.0690	0.0000	295.1019
Total	0.1730	1.5774	2.0347	3.4100e-003		0.0667	0.0667		0.0628	0.0628	0.0000	293.3778	293.3778	0.0690	0.0000	295.1019

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2726	10.0281	3.0714	0.0353	0.9471	0.0111	0.9582	0.2734	0.0106	0.2841	0.0000	3,487.5934	3,487.5934	0.2314	0.0000	3,493.3775
Worker	1.0934	0.6223	6.9696	0.0271	3.7463	0.0194	3.7656	0.9955	0.0178	1.0133	0.0000	2,453.7730	2,453.7730	0.0516	0.0000	2,455.0635
Total	1.3659	10.6504	10.0410	0.0625	4.6934	0.0305	4.7239	1.2689	0.0285	1.2974	0.0000	5,941.3663	5,941.3663	0.2830	0.0000	5,948.4411

3.6 Paving - 2029

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	tons/yr										MT/yr					
Off-Road	0.0632	0.5921	1.0059	1.5700e-003		0.0289	0.0289		0.0266	0.0266	0.0000	138.1329	138.1329	0.0447	0.0000	139.2497
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0632	0.5921	1.0059	1.5700e-003		0.0289	0.0289		0.0266	0.0266	0.0000	138.1329	138.1329	0.0447	0.0000	139.2497

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3.6 Paving - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392
Total	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392

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	tons/yr										MT/yr					
Off-Road	0.0632	0.5921	1.0059	1.5700e-003		0.0289	0.0289		0.0266	0.0266	0.0000	138.1327	138.1327	0.0447	0.0000	139.2496
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0632	0.5921	1.0059	1.5700e-003		0.0289	0.0289		0.0266	0.0266	0.0000	138.1327	138.1327	0.0447	0.0000	139.2496

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3.6 Paving - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392
Total	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392

3.7 Architectural Coating - 2029

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	tons/yr										MT/yr					
Archit. Coating	53.3957					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6175	17.6175	9.6000e-004	0.0000	17.6415
Total	53.4075	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6175	17.6175	9.6000e-004	0.0000	17.6415

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3.7 Architectural Coating - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1193	0.0679	0.7607	2.9600e-003	0.4089	2.1100e-003	0.4110	0.1087	1.9400e-003	0.1106	0.0000	267.8293	267.8293	5.6300e-003	0.0000	267.9702
Total	0.1193	0.0679	0.7607	2.9600e-003	0.4089	2.1100e-003	0.4110	0.1087	1.9400e-003	0.1106	0.0000	267.8293	267.8293	5.6300e-003	0.0000	267.9702

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	tons/yr										MT/yr					
Archit. Coating	53.3957					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6174	17.6174	9.6000e-004	0.0000	17.6415
Total	53.4075	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6174	17.6174	9.6000e-004	0.0000	17.6415

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3.7 Architectural Coating - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1193	0.0679	0.7607	2.9600e-003	0.4089	2.1100e-003	0.4110	0.1087	1.9400e-003	0.1106	0.0000	267.8293	267.8293	5.6300e-003	0.0000	267.9702
Total	0.1193	0.0679	0.7607	2.9600e-003	0.4089	2.1100e-003	0.4110	0.1087	1.9400e-003	0.1106	0.0000	267.8293	267.8293	5.6300e-003	0.0000	267.9702

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	10,732.2121	10,732.2121	0.4336	0.1001	10,772.8677
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	10,732.2121	10,732.2121	0.4336	0.1001	10,772.8677
NaturalGas Mitigated	0.5636	5.0057	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.3562	5,577.3562	0.1069	0.1023	5,610.4996
NaturalGas Unmitigated	0.5636	5.0057	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.3562	5,577.3562	0.1069	0.1023	5,610.4996

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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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.33452e+007	0.3416	3.1052	2.6083	0.0186		0.2360	0.2360		0.2360	0.2360	0.0000	3,380.3432	3,380.3432	0.0648	0.0620	3,400.4309
Single Family Housing	2.20148e+007	0.1187	1.0144	0.4317	6.4700e-003		0.0820	0.0820		0.0820	0.0820	0.0000	1,174.7946	1,174.7946	0.0225	0.0215	1,181.7758
Total		0.5636	5.0057	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.3562	5,577.3562	0.1069	0.1023	5,610.4996

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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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.33452e+007	0.3416	3.1052	2.6083	0.0186		0.2360	0.2360		0.2360	0.2360	0.0000	3,380.3432	3,380.3432	0.0648	0.0620	3,400.4309
Single Family Housing	2.20148e+007	0.1187	1.0144	0.4317	6.4700e-003		0.0820	0.0820		0.0820	0.0820	0.0000	1,174.7946	1,174.7946	0.0225	0.0215	1,181.7758
Total		0.5636	5.0057	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.3562	5,577.3562	0.1069	0.1023	5,610.4996

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84553e+006	1,437.0678	0.0581	0.0134	1,442.5117
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	4.95566e+007	7,233.3610	0.2922	0.0674	7,260.7623
Single Family Housing	1.32033e+007	1,927.1776	0.0779	0.0180	1,934.4781
Total		10,732.2121	0.4336	0.1001	10,772.8677

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84553e+006	1,437.0678	0.0581	0.0134	1,442.5117
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	4.95566e+007	7,233.3610	0.2922	0.0674	7,260.7623
Single Family Housing	1.32033e+007	1,927.1776	0.0779	0.0180	1,934.4781
Total		10,732.2121	0.4336	0.1001	10,772.8677

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	298.9191	5.3285	344.9899	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.817 1
Unmitigated	298.9191	5.3285	344.9899	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.817 1

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	tons/yr										MT/yr					
Architectural Coating	5.3396					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	37.6123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	255.0633	4.9811	314.8479	0.5704		44.1447	44.1447		44.1447	44.1447	4,198.973 1	1,760.988 1	5,959.9611	3.8750	0.3303	6,155.258 7
Landscaping	0.9040	0.3474	30.1420	1.6000e-003		0.1675	0.1675		0.1675	0.1675	0.0000	49.3792	49.3792	0.0472	0.0000	50.5584
Total	298.9191	5.3285	344.9899	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.817 1

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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	tons/yr										MT/yr					
Architectural Coating	5.3396					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	37.6123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	255.0633	4.9811	314.8479	0.5704		44.1447	44.1447		44.1447	44.1447	4,198.973 1	1,760.988 1	5,959.9611	3.8750	0.3303	6,155.258 7
Landscaping	0.9040	0.3474	30.1420	1.6000e-003		0.1675	0.1675		0.1675	0.1675	0.0000	49.3792	49.3792	0.0472	0.0000	50.5584
Total	298.9191	5.3285	344.9899	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.817 1

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,267.192 8	33.4608	0.8147	4,346.495 3
Unmitigated	3,267.192 8	33.4608	0.8147	4,346.495 3

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	506.2392	5.1095	0.1245	671.0686
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	731.552 / 448.371	2,349.542 0	23.9232	0.5826	3,121.235 9
Single Family Housing	108.612 / 68.4726	351.9186	3.5519	0.0865	466.5018
Total		3,267.192 8	33.4608	0.8147	4,346.495 3

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	506.2392	5.1095	0.1245	671.0686
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	731.552 / 448.371	2,349.5420	23.9232	0.5826	3,121.2359
Single Family Housing	108.612 / 68.4726	351.9186	3.5519	0.0865	466.5018
Total		3,267.1928	33.4608	0.8147	4,346.4953

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,426.9615	84.3310	0.0000	3,535.2368
Unmitigated	1,426.9615	84.3310	0.0000	3,535.2368

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3827.88	777.0251	45.9209	0.0000	1,925.0467
Single Family Housing	1954.88	396.8230	23.4516	0.0000	983.1121
Total		1,426.9615	84.3310	0.0000	3,535.2367

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3827.88	777.0251	45.9209	0.0000	1,925.0467
Single Family Housing	1954.88	396.8230	23.4516	0.0000	983.1121
Total		1,426.9615	84.3310	0.0000	3,535.2367

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

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Equipment Type	Number
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11.0 Vegetation

General Plan Build Out - 2030 - San Diego County, Summer

General Plan Build Out - 2030
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,116.00	1000sqft	94.49	4,116,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,667.00	Dwelling Unit	541.23	3,000,600.00	4768

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

General Plan Build Out - 2030 - San Diego County, Summer

Project Characteristics - SDG&E intensity factors adjusted for 2030

Land Use -

Construction Phase - Adjusted schedule to meet 2030 buildout

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	800.00	125.00
tblConstructionPhase	NumDays	480.00	75.00
tblConstructionPhase	NumDays	1,240.00	194.00
tblConstructionPhase	NumDays	12,400.00	1,945.00
tblConstructionPhase	NumDays	880.00	138.00
tblConstructionPhase	NumDays	880.00	138.00
tblConstructionPhase	PhaseEndDate	1/25/2024	6/24/2021
tblConstructionPhase	PhaseEndDate	11/27/2025	10/7/2021

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tblConstructionPhase	PhaseEndDate	8/29/2030	7/6/2022
tblConstructionPhase	PhaseEndDate	3/10/2078	12/19/2029
tblConstructionPhase	PhaseEndDate	7/24/2081	12/19/2029
tblConstructionPhase	PhaseEndDate	12/7/2084	12/19/2029
tblConstructionPhase	PhaseStartDate	1/26/2024	6/25/2021
tblConstructionPhase	PhaseStartDate	11/28/2025	10/8/2021
tblConstructionPhase	PhaseStartDate	8/30/2030	7/7/2022
tblConstructionPhase	PhaseStartDate	3/11/2078	6/11/2029
tblConstructionPhase	PhaseStartDate	7/25/2081	6/11/2029
tblEnergyUse	NT24E	3,172.76	3,172.76
tblEnergyUse	NT24E	6,155.97	6,155.97
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,026.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00

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tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

General Plan Build Out - 2030 - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2604	46.4448	31.4089	0.0637	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,169.9316	6,169.9316	1.9475	0.0000	6,218.6178
2022	16.9542	131.7338	135.1703	0.6197	37.9732	1.6360	39.1948	10.2450	1.5051	11.3934	0.0000	64,083.7589	64,083.7589	3.6752	0.0000	64,175.6385
2023	15.4526	106.7519	126.2487	0.6003	37.9732	1.0014	38.9746	10.2450	0.9397	11.1847	0.0000	62,153.9343	62,153.9343	3.4122	0.0000	62,239.2380
2024	14.6914	104.0486	119.8772	0.5869	37.9732	0.9088	38.8820	10.2450	0.8524	11.0974	0.0000	60,852.3951	60,852.3951	3.3266	0.0000	60,935.5593
2025	14.0195	101.3630	114.1014	0.5738	37.9732	0.8173	38.7904	10.2450	0.7663	11.0113	0.0000	59,576.2022	59,576.2022	3.2521	0.0000	59,657.5044
2026	13.5231	99.7762	109.3724	0.5623	37.9731	0.8086	38.7818	10.2450	0.7582	11.0032	0.0000	58,453.7905	58,453.7905	3.1911	0.0000	58,533.5676
2027	13.0374	98.2870	105.1930	0.5521	37.9731	0.7964	38.7695	10.2450	0.7468	10.9918	0.0000	57,459.2546	57,459.2546	3.1381	0.0000	57,537.7078
2028	12.5409	97.0258	101.6607	0.5432	37.9731	0.7815	38.7546	10.2450	0.7330	10.9780	0.0000	56,593.4837	56,593.4837	3.0922	0.0000	56,670.7889
2029	788.6887	106.4005	126.7135	0.6072	44.1670	1.2689	45.4359	11.8879	1.1855	13.0734	0.0000	62,911.1533	62,911.1533	3.8790	0.0000	63,008.1282
Maximum	788.6887	131.7338	135.1703	0.6197	44.1670	2.0455	45.4359	11.8879	1.8819	13.0734	0.0000	64,083.7589	64,083.7589	3.8790	0.0000	64,175.6385

General Plan Build Out - 2030 - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	4.2604	46.4448	31.4089	0.0637	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,169.9316	6,169.9316	1.9475	0.0000	6,218.6178
2022	16.9542	131.7338	135.1703	0.6197	37.9732	1.6360	39.1948	10.2450	1.5051	11.3934	0.0000	64,083.7589	64,083.7589	3.6752	0.0000	64,175.6385
2023	15.4526	106.7519	126.2487	0.6003	37.9732	1.0014	38.9746	10.2450	0.9397	11.1847	0.0000	62,153.9343	62,153.9343	3.4122	0.0000	62,239.2380
2024	14.6914	104.0486	119.8772	0.5869	37.9732	0.9088	38.8820	10.2450	0.8524	11.0974	0.0000	60,852.3951	60,852.3951	3.3266	0.0000	60,935.5593
2025	14.0195	101.3630	114.1014	0.5738	37.9732	0.8173	38.7904	10.2450	0.7663	11.0113	0.0000	59,576.2022	59,576.2022	3.2521	0.0000	59,657.5044
2026	13.5231	99.7762	109.3724	0.5623	37.9731	0.8086	38.7818	10.2450	0.7582	11.0032	0.0000	58,453.7905	58,453.7905	3.1911	0.0000	58,533.5676
2027	13.0374	98.2870	105.1930	0.5521	37.9731	0.7964	38.7695	10.2450	0.7468	10.9918	0.0000	57,459.2546	57,459.2546	3.1381	0.0000	57,537.7078
2028	12.5409	97.0258	101.6607	0.5432	37.9731	0.7815	38.7546	10.2450	0.7330	10.9780	0.0000	56,593.4837	56,593.4837	3.0922	0.0000	56,670.7889
2029	788.6887	106.4005	126.7135	0.6072	44.1670	1.2689	45.4359	11.8879	1.1855	13.0734	0.0000	62,911.1533	62,911.1533	3.8790	0.0000	63,008.1282
Maximum	788.6887	131.7338	135.1703	0.6197	44.1670	2.0455	45.4359	11.8879	1.8819	13.0734	0.0000	64,083.7589	64,083.7589	3.8790	0.0000	64,175.6385

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

General Plan Build Out - 2030 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.0 854	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151
Energy	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.57 71	33,687.57 71	0.6457	0.6176	33,887.76 55
Mobile	0.0000	0.0000	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	6,469.540 3	152.7785	8,032.985 0	14.0988	0.0000	1,080.694 4	1,080.694 4	0.0000	1,080.694 4	1,080.6944	112,892.0 854	81,637.66 25	194,529.7 479	105.4041	9.4974	199,995.0 806

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151
Energy	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.57 71	33,687.57 71	0.6457	0.6176	33,887.76 55
Mobile	0.0000	0.0000	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	6,469.540 3	152.7785	8,032.985 0	14.0988	0.0000	1,080.694 4	1,080.694 4	0.0000	1,080.694 4	1,080.6944	112,892.0 854	81,637.66 25	194,529.7 479	105.4041	9.4974	199,995.0 806

General Plan Build Out - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	6/24/2021	5	125	
2	Site Preparation	Site Preparation	6/25/2021	10/7/2021	5	75	
3	Grading	Grading	10/8/2021	7/6/2022	5	194	
4	Building Construction	Building Construction	7/7/2022	12/19/2029	5	1945	
5	Paving	Paving	6/11/2029	12/19/2029	5	138	
6	Architectural Coating	Architectural Coating	6/11/2029	12/19/2029	5	138	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 485

Acres of Paving: 0

Residential Indoor: 10,932,165; Residential Outdoor: 3,644,055; Non-Residential Indoor: 6,348,000; Non-Residential Outdoor: 2,116,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

General Plan Build Out - 2030 - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

General Plan Build Out - 2030 - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,693.00	1,128.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	739.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

General Plan Build Out - 2030 - San Diego County, Summer

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

General Plan Build Out - 2030 - San Diego County, Summer

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

General Plan Build Out - 2030 - San Diego County, Summer

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.0434	6,007.0434	1.9428		6,055.6134

General Plan Build Out - 2030 - San Diego County, Summer

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044
Total	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

General Plan Build Out - 2030 - San Diego County, Summer

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044
Total	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006		6,011.4105	6,011.4105	1.9442		6,060.0158

General Plan Build Out - 2030 - San Diego County, Summer

3.4 Grading - 2022

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	0.0654	0.0410	0.4933	1.5700e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		156.9120	156.9120	4.2600e-003		157.0185
Total	0.0654	0.0410	0.4933	1.5700e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		156.9120	156.9120	4.2600e-003		157.0185

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

General Plan Build Out - 2030 - San Diego County, Summer

3.4 Grading - 2022

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	0.0654	0.0410	0.4933	1.5700e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		156.9120	156.9120	4.2600e-003		157.0185
Total	0.0654	0.0410	0.4933	1.5700e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		156.9120	156.9120	4.2600e-003		157.0185

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2022

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	3.1720	108.5505	27.7229	0.3021	7.6361	0.2075	7.8436	2.1982	0.1985	2.3967		32,555.63 40	32,555.63 40	2.2764		32,612.54 27
Worker	12.0760	7.5677	91.0839	0.2907	30.3371	0.2050	30.5421	8.0468	0.1888	8.2356		28,973.79 14	28,973.79 14	0.7869		28,993.46 36
Total	15.2480	116.1182	118.8069	0.5928	37.9732	0.4126	38.3858	10.2450	0.3873	10.6323		61,529.42 53	61,529.42 53	3.0632		61,606.00 63

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2022

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	3.1720	108.5505	27.7229	0.3021	7.6361	0.2075	7.8436	2.1982	0.1985	2.3967		32,555.63 40	32,555.63 40	2.2764		32,612.54 27
Worker	12.0760	7.5677	91.0839	0.2907	30.3371	0.2050	30.5421	8.0468	0.1888	8.2356		28,973.79 14	28,973.79 14	0.7869		28,993.46 36
Total	15.2480	116.1182	118.8069	0.5928	37.9732	0.4126	38.3858	10.2450	0.3873	10.6323		61,529.42 53	61,529.42 53	3.0632		61,606.00 63

3.5 Building Construction - 2023

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.209 9	2,555.209 9	0.6079		2,570.406 1
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.209 9	2,555.209 9	0.6079		2,570.406 1

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2023

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	2.4457	85.4560	25.3949	0.2938	7.6361	0.1007	7.7368	2.1982	0.0963	2.2944		31,732.5615	31,732.5615	2.0840		31,784.6614
Worker	11.4342	6.9110	84.6098	0.2795	30.3371	0.2010	30.5381	8.0468	0.1850	8.2319		27,866.1629	27,866.1629	0.7203		27,884.1705
Total	13.8799	92.3670	110.0047	0.5733	37.9732	0.3017	38.2748	10.2450	0.2813	10.5263		59,598.7244	59,598.7244	2.8043		59,668.8319

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2023

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	2.4457	85.4560	25.3949	0.2938	7.6361	0.1007	7.7368	2.1982	0.0963	2.2944		31,732.5615	31,732.5615	2.0840		31,784.6614
Worker	11.4342	6.9110	84.6098	0.2795	30.3371	0.2010	30.5381	8.0468	0.1850	8.2319		27,866.1629	27,866.1629	0.7203		27,884.1705
Total	13.8799	92.3670	110.0047	0.5733	37.9732	0.3017	38.2748	10.2450	0.2813	10.5263		59,598.7244	59,598.7244	2.8043		59,668.8319

3.5 Building Construction - 2024

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2024

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	2.3594	84.2649	24.6030	0.2915	7.6361	0.0982	7.7343	2.1982	0.0939	2.2921		31,528.46 18	31,528.46 18	2.0600		31,579.96 23
Worker	10.8604	6.3400	79.1073	0.2685	30.3371	0.1973	30.5344	8.0468	0.1816	8.2284		26,768.23 45	26,768.23 45	0.6622		26,784.78 94
Total	13.2198	90.6049	103.7103	0.5600	37.9732	0.2955	38.2687	10.2450	0.2755	10.5205		58,296.69 62	58,296.69 62	2.7222		58,364.75 17

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2024

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	2.3594	84.2649	24.6030	0.2915	7.6361	0.0982	7.7343	2.1982	0.0939	2.2921		31,528.46 18	31,528.46 18	2.0600		31,579.96 23
Worker	10.8604	6.3400	79.1073	0.2685	30.3371	0.1973	30.5344	8.0468	0.1816	8.2284		26,768.23 45	26,768.23 45	0.6622		26,784.78 94
Total	13.2198	90.6049	103.7103	0.5600	37.9732	0.2955	38.2687	10.2450	0.2755	10.5205		58,296.69 62	58,296.69 62	2.7222		58,364.75 17

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2025

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	2.2902	83.0472	24.1225	0.2893	7.6360	0.0955	7.7316	2.1982	0.0913	2.2895		31,334.48 36	31,334.48 36	2.0396		31,385.47 38
Worker	10.3619	5.8461	73.8943	0.2576	30.3371	0.1942	30.5313	8.0468	0.1788	8.2256		25,685.24 42	25,685.24 42	0.6115		25,700.53 25
Total	12.6521	88.8934	98.0167	0.5469	37.9732	0.2897	38.2629	10.2450	0.2700	10.5150		57,019.72 79	57,019.72 79	2.6511		57,086.00 64

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2025

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	2.2902	83.0472	24.1225	0.2893	7.6360	0.0955	7.7316	2.1982	0.0913	2.2895		31,334.48 36	31,334.48 36	2.0396		31,385.47 38
Worker	10.3619	5.8461	73.8943	0.2576	30.3371	0.1942	30.5313	8.0468	0.1788	8.2256		25,685.24 42	25,685.24 42	0.6115		25,700.53 25
Total	12.6521	88.8934	98.0167	0.5469	37.9732	0.2897	38.2629	10.2450	0.2700	10.5150		57,019.72 79	57,019.72 79	2.6511		57,086.00 64

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2026

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	2.2320	81.8684	23.7912	0.2873	7.6360	0.0929	7.7289	2.1982	0.0888	2.2870		31,152.94 92	31,152.94 92	2.0200		31,203.45 04
Worker	9.9237	5.4381	69.4965	0.2481	30.3371	0.1882	30.5253	8.0468	0.1732	8.2200		24,744.36 69	24,744.36 69	0.5701		24,758.61 91
Total	12.1557	87.3065	93.2877	0.5354	37.9731	0.2811	38.2542	10.2450	0.2620	10.5070		55,897.31 61	55,897.31 61	2.5901		55,962.06 95

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2026

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	2.2320	81.8684	23.7912	0.2873	7.6360	0.0929	7.7289	2.1982	0.0888	2.2870		31,152.94 92	31,152.94 92	2.0200		31,203.45 04
Worker	9.9237	5.4381	69.4965	0.2481	30.3371	0.1882	30.5253	8.0468	0.1732	8.2200		24,744.36 69	24,744.36 69	0.5701		24,758.61 91
Total	12.1557	87.3065	93.2877	0.5354	37.9731	0.2811	38.2542	10.2450	0.2620	10.5070		55,897.31 61	55,897.31 61	2.5901		55,962.06 95

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2027

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	2.1830	80.7405	23.5086	0.2854	7.6360	0.0908	7.7268	2.1982	0.0868	2.2850		30,986.88 73	30,986.88 73	2.0032		31,036.96 67
Worker	9.4870	5.0768	65.5997	0.2398	30.3371	0.1780	30.5151	8.0468	0.1638	8.2106		23,915.89 30	23,915.89 30	0.5340		23,929.24 30
Total	11.6700	85.8173	89.1083	0.5252	37.9731	0.2688	38.2420	10.2450	0.2506	10.4956		54,902.78 02	54,902.78 02	2.5372		54,966.20 97

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2027

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	2.1830	80.7405	23.5086	0.2854	7.6360	0.0908	7.7268	2.1982	0.0868	2.2850		30,986.8873	30,986.8873	2.0032		31,036.9667
Worker	9.4870	5.0768	65.5997	0.2398	30.3371	0.1780	30.5151	8.0468	0.1638	8.2106		23,915.8930	23,915.8930	0.5340		23,929.2430
Total	11.6700	85.8173	89.1083	0.5252	37.9731	0.2688	38.2420	10.2450	0.2506	10.4956		54,902.7802	54,902.7802	2.5372		54,966.2097

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2028

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	2.1446	79.7988	23.3680	0.2838	7.6360	0.0890	7.7250	2.1982	0.0851	2.2833		30,847.68 73	30,847.68 73	1.9878		30,897.38 32
Worker	9.0289	4.7573	62.2081	0.2325	30.3371	0.1649	30.5020	8.0468	0.1517	8.1985		23,189.32 20	23,189.32 20	0.5034		23,201.90 76
Total	11.1735	84.5561	85.5761	0.5163	37.9731	0.2539	38.2270	10.2450	0.2368	10.4818		54,037.00 93	54,037.00 93	2.4913		54,099.29 08

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2028

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	2.1446	79.7988	23.3680	0.2838	7.6360	0.0890	7.7250	2.1982	0.0851	2.2833		30,847.68 73	30,847.68 73	1.9878		30,897.38 32
Worker	9.0289	4.7573	62.2081	0.2325	30.3371	0.1649	30.5020	8.0468	0.1517	8.1985		23,189.32 20	23,189.32 20	0.5034		23,201.90 76
Total	11.1735	84.5561	85.5761	0.5163	37.9731	0.2539	38.2270	10.2450	0.2368	10.4818		54,037.00 93	54,037.00 93	2.4913		54,099.29 08

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2029

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	2.1078	78.8288	23.2080	0.2823	7.6360	0.0870	7.7230	2.1982	0.0831	2.2813		30,711.2696	30,711.2696	1.9768		30,760.6905
Worker	8.5342	4.4635	58.9898	0.2260	30.3371	0.1531	30.4902	8.0468	0.1408	8.1876		22,550.9811	22,550.9811	0.4751		22,562.8597
Total	10.6420	83.2923	82.1978	0.5083	37.9731	0.2400	38.2131	10.2450	0.2239	10.4689		53,262.2508	53,262.2508	2.4520		53,323.5502

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2030 - San Diego County, Summer

3.5 Building Construction - 2029

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	2.1078	78.8288	23.2080	0.2823	7.6360	0.0870	7.7230	2.1982	0.0831	2.2813		30,711.2696	30,711.2696	1.9768		30,760.6905
Worker	8.5342	4.4635	58.9898	0.2260	30.3371	0.1531	30.4902	8.0468	0.1408	8.1876		22,550.9811	22,550.9811	0.4751		22,562.8597
Total	10.6420	83.2923	82.1978	0.5083	37.9731	0.2400	38.2131	10.2450	0.2239	10.4689		53,262.2508	53,262.2508	2.4520		53,323.5502

3.6 Paving - 2029

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

General Plan Build Out - 2030 - San Diego County, Summer

3.6 Paving - 2029

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	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444
Total	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

General Plan Build Out - 2030 - San Diego County, Summer

3.6 Paving - 2029

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	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444
Total	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444

3.7 Architectural Coating - 2029

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	773.8509					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	774.0217	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

General Plan Build Out - 2030 - San Diego County, Summer

3.7 Architectural Coating - 2029

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	1.7078	0.8932	11.8043	0.0452	6.0707	0.0306	6.1013	1.6102	0.0282	1.6384		4,512.6388	4,512.6388	0.0951		4,515.0158
Total	1.7078	0.8932	11.8043	0.0452	6.0707	0.0306	6.1013	1.6102	0.0282	1.6384		4,512.6388	4,512.6388	0.0951		4,515.0158

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	773.8509					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	774.0217	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

General Plan Build Out - 2030 - San Diego County, Summer

3.7 Architectural Coating - 2029

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	1.7078	0.8932	11.8043	0.0452	6.0707	0.0306	6.1013	1.6102	0.0282	1.6384		4,512.6388	4,512.6388	0.0951		4,515.0158
Total	1.7078	0.8932	11.8043	0.0452	6.0707	0.0306	6.1013	1.6102	0.0282	1.6384		4,512.6388	4,512.6388	0.0951		4,515.0158

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

General Plan Build Out - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

General Plan Build Out - 2030 - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655
NaturalGas Unmitigated	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655

General Plan Build Out - 2030 - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173549	1.8716	17.0146	14.2922	0.1021		1.2931	1.2931		1.2931	1.2931		20,417.4827	20,417.4827	0.3913	0.3743	20,538.8136
Single Family Housing	60314.6	0.6505	5.5584	2.3653	0.0355		0.4494	0.4494		0.4494	0.4494		7,095.8320	7,095.8320	0.1360	0.1301	7,137.9990
Total		3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655

General Plan Build Out - 2030 - San Diego County, Summer

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.549	1.8716	17.0146	14.2922	0.1021		1.2931	1.2931		1.2931	1.2931		20,417.4827	20,417.4827	0.3913	0.3743	20,538.8136
Single Family Housing	60.3146	0.6505	5.5584	2.3653	0.0355		0.4494	0.4494		0.4494	0.4494		7,095.8320	7,095.8320	0.1360	0.1301	7,137.9990
Total		3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655

6.0 Area Detail

6.1 Mitigation Measures Area

General Plan Build Out - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151
Unmitigated	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151

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	29.2579					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,221.055 5	121.4900	7,679.217 3	13.9126		1,076.699 5	1,076.699 5		1,076.699 5	1,076.6995	112,892.08 54	47,345.29 41	160,237.3 795	104.1807	8.8798	165,488.0 808
Landscaping	10.0439	3.8598	334.9113	0.0177		1.8614	1.8614		1.8614	1.8614		604.7913	604.7913	0.5777		619.2343
Total	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.0 854	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151

General Plan Build Out - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	29.2579					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,221.0555	121.4900	7,679.2173	13.9126		1,076.6995	1,076.6995		1,076.6995	1,076.6995	112,892.0854	47,345.2941	160,237.3795	104.1807	8.8798	165,488.0808
Landscaping	10.0439	3.8598	334.9113	0.0177		1.8614	1.8614		1.8614	1.8614		604.7913	604.7913	0.5777		619.2343
Total	6,466.4522	125.3499	8,014.1286	13.9303		1,078.5608	1,078.5608		1,078.5608	1,078.5608	112,892.0854	47,950.0854	160,842.1708	104.7584	8.8798	166,107.3151

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

General Plan Build Out - 2030 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

General Plan Build Out - 2030 - San Diego County, Winter

General Plan Build Out - 2030
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,116.00	1000sqft	94.49	4,116,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,667.00	Dwelling Unit	541.23	3,000,600.00	4768

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

General Plan Build Out - 2030 - San Diego County, Winter

Project Characteristics - SDG&E intensity factors adjusted for 2030

Land Use -

Construction Phase - Adjusted schedule to meet 2030 buildout

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	800.00	125.00
tblConstructionPhase	NumDays	480.00	75.00
tblConstructionPhase	NumDays	1,240.00	194.00
tblConstructionPhase	NumDays	12,400.00	1,945.00
tblConstructionPhase	NumDays	880.00	138.00
tblConstructionPhase	NumDays	880.00	138.00
tblConstructionPhase	PhaseEndDate	1/25/2024	6/24/2021
tblConstructionPhase	PhaseEndDate	11/27/2025	10/7/2021

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tblConstructionPhase	PhaseEndDate	8/29/2030	7/6/2022
tblConstructionPhase	PhaseEndDate	3/10/2078	12/19/2029
tblConstructionPhase	PhaseEndDate	7/24/2081	12/19/2029
tblConstructionPhase	PhaseEndDate	12/7/2084	12/19/2029
tblConstructionPhase	PhaseStartDate	1/26/2024	6/25/2021
tblConstructionPhase	PhaseStartDate	11/28/2025	10/8/2021
tblConstructionPhase	PhaseStartDate	8/30/2030	7/7/2022
tblConstructionPhase	PhaseStartDate	3/11/2078	6/11/2029
tblConstructionPhase	PhaseStartDate	7/25/2081	6/11/2029
tblEnergyUse	NT24E	3,172.76	3,172.76
tblEnergyUse	NT24E	6,155.97	6,155.97
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,026.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00

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tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

General Plan Build Out - 2030 - San Diego County, Winter

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					
2021	4.2696	46.4503	31.3771	0.0636	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,159.9530	6,159.9530	1.9472	0.0000	6,208.6328
2022	18.7781	132.2913	132.6609	0.5942	37.9732	1.6360	39.2036	10.2450	1.5051	11.4019	0.0000	61,462.5988	61,462.5988	3.7690	0.0000	61,556.8240
2023	17.1892	107.2130	123.3109	0.5757	37.9732	1.0070	38.9802	10.2450	0.9451	11.1901	0.0000	59,631.3017	59,631.3017	3.4843	0.0000	59,718.4094
2024	16.3795	104.4437	117.0829	0.5632	37.9732	0.9138	38.8870	10.2450	0.8572	11.1022	0.0000	58,408.8601	58,408.8601	3.3966	0.0000	58,493.7756
2025	15.6627	101.7003	111.5037	0.5509	37.9732	0.8216	38.7947	10.2450	0.7704	11.0154	0.0000	57,209.9360	57,209.9360	3.3198	0.0000	57,292.9317
2026	15.1300	100.0660	106.9393	0.5400	37.9731	0.8124	38.7855	10.2450	0.7618	11.0068	0.0000	56,154.9809	56,154.9809	3.2564	0.0000	56,236.3898
2027	14.6021	98.5302	102.9109	0.5304	37.9731	0.7997	38.7728	10.2450	0.7500	10.9950	0.0000	55,218.6172	55,218.6172	3.2013	0.0000	55,298.6494
2028	14.0504	97.2337	99.5196	0.5221	37.9731	0.7844	38.7576	10.2450	0.7359	10.9809	0.0000	54,404.0071	54,404.0071	3.1532	0.0000	54,482.8378
2029	790.4054	106.6845	123.8481	0.5837	44.1670	1.2714	45.4385	11.8879	1.1879	13.0758	0.0000	60,485.2446	60,485.2446	3.9322	0.0000	60,583.5499
Maximum	790.4054	132.2913	132.6609	0.5942	44.1670	2.0455	45.4385	11.8879	1.8819	13.0758	0.0000	61,462.5988	61,462.5988	3.9322	0.0000	61,556.8240

General Plan Build Out - 2030 - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	4.2696	46.4503	31.3771	0.0636	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,159.9529	6,159.9529	1.9472	0.0000	6,208.6328
2022	18.7781	132.2913	132.6609	0.5942	37.9732	1.6360	39.2036	10.2450	1.5051	11.4019	0.0000	61,462.5988	61,462.5988	3.7690	0.0000	61,556.8240
2023	17.1892	107.2130	123.3109	0.5757	37.9732	1.0070	38.9802	10.2450	0.9451	11.1901	0.0000	59,631.3017	59,631.3017	3.4843	0.0000	59,718.4094
2024	16.3795	104.4437	117.0829	0.5632	37.9732	0.9138	38.8870	10.2450	0.8572	11.1022	0.0000	58,408.8601	58,408.8601	3.3966	0.0000	58,493.7756
2025	15.6627	101.7003	111.5037	0.5509	37.9732	0.8216	38.7947	10.2450	0.7704	11.0154	0.0000	57,209.9360	57,209.9360	3.3198	0.0000	57,292.9317
2026	15.1300	100.0660	106.9393	0.5400	37.9731	0.8124	38.7855	10.2450	0.7618	11.0068	0.0000	56,154.9809	56,154.9809	3.2564	0.0000	56,236.3898
2027	14.6021	98.5302	102.9109	0.5304	37.9731	0.7997	38.7728	10.2450	0.7500	10.9950	0.0000	55,218.6172	55,218.6172	3.2013	0.0000	55,298.6494
2028	14.0504	97.2337	99.5196	0.5221	37.9731	0.7844	38.7576	10.2450	0.7359	10.9809	0.0000	54,404.0071	54,404.0071	3.1532	0.0000	54,482.8378
2029	790.4054	106.6845	123.8481	0.5837	44.1670	1.2714	45.4385	11.8879	1.1879	13.0758	0.0000	60,485.2446	60,485.2446	3.9322	0.0000	60,583.5499
Maximum	790.4054	132.2913	132.6609	0.5942	44.1670	2.0455	45.4385	11.8879	1.8819	13.0758	0.0000	61,462.5988	61,462.5988	3.9322	0.0000	61,556.8240

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

General Plan Build Out - 2030 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151
Energy	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.57 71	33,687.57 71	0.6457	0.6176	33,887.76 55
Mobile	0.0000	0.0000	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	6,469.540 3	152.7785	8,032.985 0	14.0988	0.0000	1,080.694 4	1,080.694 4	0.0000	1,080.694 4	1,080.6944	112,892.0 854	81,637.66 25	194,529.7 479	105.4041	9.4974	199,995.0 806

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.0 854	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151
Energy	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.57 71	33,687.57 71	0.6457	0.6176	33,887.76 55
Mobile	0.0000	0.0000	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	6,469.540 3	152.7785	8,032.985 0	14.0988	0.0000	1,080.694 4	1,080.694 4	0.0000	1,080.694 4	1,080.6944	112,892.0 854	81,637.66 25	194,529.7 479	105.4041	9.4974	199,995.0 806

General Plan Build Out - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	6/24/2021	5	125	
2	Site Preparation	Site Preparation	6/25/2021	10/7/2021	5	75	
3	Grading	Grading	10/8/2021	7/6/2022	5	194	
4	Building Construction	Building Construction	7/7/2022	12/19/2029	5	1945	
5	Paving	Paving	6/11/2029	12/19/2029	5	138	
6	Architectural Coating	Architectural Coating	6/11/2029	12/19/2029	5	138	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 485

Acres of Paving: 0

Residential Indoor: 10,932,165; Residential Outdoor: 3,644,055; Non-Residential Indoor: 6,348,000; Non-Residential Outdoor: 2,116,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

General Plan Build Out - 2030 - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

General Plan Build Out - 2030 - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,693.00	1,128.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	739.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

General Plan Build Out - 2030 - San Diego County, Winter

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

General Plan Build Out - 2030 - San Diego County, Winter

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

General Plan Build Out - 2030 - San Diego County, Winter

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

General Plan Build Out - 2030 - San Diego County, Winter

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.0434	6,007.0434	1.9428		6,055.6134

General Plan Build Out - 2030 - San Diego County, Winter

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193
Total	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

General Plan Build Out - 2030 - San Diego County, Winter

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193
Total	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006		6,011.4105	6,011.4105	1.9442		6,060.0158

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3.4 Grading - 2022

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	0.0743	0.0460	0.4627	1.4800e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		147.3051	147.3051	4.0200e-003		147.4057
Total	0.0743	0.0460	0.4627	1.4800e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		147.3051	147.3051	4.0200e-003		147.4057

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

General Plan Build Out - 2030 - San Diego County, Winter

3.4 Grading - 2022

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	0.0743	0.0460	0.4627	1.4800e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		147.3051	147.3051	4.0200e-003		147.4057
Total	0.0743	0.0460	0.4627	1.4800e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		147.3051	147.3051	4.0200e-003		147.4057

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2022

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	3.3446	108.1832	30.8601	0.2944	7.6361	0.2163	7.8524	2.1982	0.2069	2.4051		31,708.37 53	31,708.37 53	2.4144		31,768.73 57
Worker	13.7273	8.4925	85.4374	0.2729	30.3371	0.2050	30.5421	8.0468	0.1888	8.2356		27,199.88 99	27,199.88 99	0.7427		27,218.45 60
Total	17.0719	116.6757	116.2975	0.5673	37.9732	0.4213	38.3946	10.2450	0.3957	10.6407		58,908.26 52	58,908.26 52	3.1571		58,987.19 18

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2022

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	3.3446	108.1832	30.8601	0.2944	7.6361	0.2163	7.8524	2.1982	0.2069	2.4051		31,708.3753	31,708.3753	2.4144		31,768.7357
Worker	13.7273	8.4925	85.4374	0.2729	30.3371	0.2050	30.5421	8.0468	0.1888	8.2356		27,199.8899	27,199.8899	0.7427		27,218.4560
Total	17.0719	116.6757	116.2975	0.5673	37.9732	0.4213	38.3946	10.2450	0.3957	10.6407		58,908.2652	58,908.2652	3.1571		58,987.1918

3.5 Building Construction - 2023

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2023

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	2.5819	85.0750	27.8750	0.2864	7.6361	0.1063	7.7424	2.1982	0.1016	2.2998		30,915.0200	30,915.0200	2.1977		30,969.9623
Worker	13.0345	7.7531	79.1919	0.2624	30.3371	0.2010	30.5381	8.0468	0.1850	8.2319		26,161.0718	26,161.0718	0.6788		26,178.0411
Total	15.6164	92.8281	107.0669	0.5488	37.9732	0.3073	38.2805	10.2450	0.2867	10.5317		57,076.0918	57,076.0918	2.8765		57,148.0034

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2023

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	2.5819	85.0750	27.8750	0.2864	7.6361	0.1063	7.7424	2.1982	0.1016	2.2998		30,915.0200	30,915.0200	2.1977		30,969.9623
Worker	13.0345	7.7531	79.1919	0.2624	30.3371	0.2010	30.5381	8.0468	0.1850	8.2319		26,161.0718	26,161.0718	0.6788		26,178.0411
Total	15.6164	92.8281	107.0669	0.5488	37.9732	0.3073	38.2805	10.2450	0.2867	10.5317		57,076.0918	57,076.0918	2.8765		57,148.0034

3.5 Building Construction - 2024

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2024

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	2.4892	83.8892	26.9889	0.2842	7.6361	0.1032	7.7393	2.1982	0.0987	2.2969		30,721.85 55	30,721.85 55	2.1690		30,776.08 05
Worker	12.4187	7.1107	73.9272	0.2520	30.3371	0.1973	30.5344	8.0468	0.1816	8.2284		25,131.30 57	25,131.30 57	0.6233		25,146.88 75
Total	14.9079	90.9999	100.9161	0.5362	37.9732	0.3005	38.2737	10.2450	0.2803	10.5253		55,853.16 12	55,853.16 12	2.7923		55,922.96 80

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2024

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	2.4892	83.8892	26.9889	0.2842	7.6361	0.1032	7.7393	2.1982	0.0987	2.2969		30,721.85 55	30,721.85 55	2.1690		30,776.08 05
Worker	12.4187	7.1107	73.9272	0.2520	30.3371	0.1973	30.5344	8.0468	0.1816	8.2284		25,131.30 57	25,131.30 57	0.6233		25,146.88 75
Total	14.9079	90.9999	100.9161	0.5362	37.9732	0.3005	38.2737	10.2450	0.2803	10.5253		55,853.16 12	55,853.16 12	2.7923		55,922.96 80

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2025

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	2.4147	82.6753	26.4369	0.2821	7.6360	0.0998	7.7359	2.1982	0.0954	2.2936		30,537.96 92	30,537.96 92	2.1438		30,591.56 50
Worker	11.8806	6.5553	68.9821	0.2418	30.3371	0.1942	30.5313	8.0468	0.1788	8.2256		24,115.49 24	24,115.492 4	0.5751		24,129.86 87
Total	14.2953	89.2306	95.4190	0.5239	37.9732	0.2940	38.2672	10.2450	0.2742	10.5192		54,653.46 16	54,653.46 16	2.7189		54,721.43 37

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2025

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	2.4147	82.6753	26.4369	0.2821	7.6360	0.0998	7.7359	2.1982	0.0954	2.2936		30,537.96 92	30,537.96 92	2.1438		30,591.56 50
Worker	11.8806	6.5553	68.9821	0.2418	30.3371	0.1942	30.5313	8.0468	0.1788	8.2256		24,115.492 4	24,115.492 4	0.5751		24,129.86 87
Total	14.2953	89.2306	95.4190	0.5239	37.9732	0.2940	38.2672	10.2450	0.2742	10.5192		54,653.46 16	54,653.46 16	2.7189		54,721.43 37

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2026

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	2.3522	81.4997	26.0483	0.2802	7.6360	0.0966	7.7327	2.1982	0.0924	2.2905		30,366.14 97	30,366.14 97	2.1198		30,419.14 54
Worker	11.4105	6.0966	64.8063	0.2329	30.3371	0.1882	30.5253	8.0468	0.1732	8.2200		23,232.35 68	23,232.35 68	0.5356		23,245.74 63
Total	13.7626	87.5963	90.8546	0.5131	37.9731	0.2848	38.2579	10.2450	0.2655	10.5105		53,598.50 66	53,598.50 66	2.6554		53,664.89 17

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2026

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	2.3522	81.4997	26.0483	0.2802	7.6360	0.0966	7.7327	2.1982	0.0924	2.2905		30,366.14 97	30,366.14 97	2.1198		30,419.14 54
Worker	11.4105	6.0966	64.8063	0.2329	30.3371	0.1882	30.5253	8.0468	0.1732	8.2200		23,232.35 68	23,232.35 68	0.5356		23,245.74 63
Total	13.7626	87.5963	90.8546	0.5131	37.9731	0.2848	38.2579	10.2450	0.2655	10.5105		53,598.50 66	53,598.50 66	2.6554		53,664.89 17

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2027

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	2.2996	80.3702	25.7196	0.2784	7.6360	0.0941	7.7301	2.1982	0.0900	2.2882		30,208.1295	30,208.1295	2.0991		30,260.6073
Worker	10.9351	5.6904	61.1067	0.2251	30.3371	0.1780	30.5151	8.0468	0.1638	8.2106		22,454.0133	22,454.0133	0.5012		22,466.5441
Total	13.2347	86.0605	86.8263	0.5035	37.9731	0.2722	38.2453	10.2450	0.2538	10.4988		52,662.1428	52,662.1428	2.6003		52,727.1514

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2027

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	2.2996	80.3702	25.7196	0.2784	7.6360	0.0941	7.7301	2.1982	0.0900	2.2882		30,208.1295	30,208.1295	2.0991		30,260.6073
Worker	10.9351	5.6904	61.1067	0.2251	30.3371	0.1780	30.5151	8.0468	0.1638	8.2106		22,454.0133	22,454.0133	0.5012		22,466.5441
Total	13.2347	86.0605	86.8263	0.5035	37.9731	0.2722	38.2453	10.2450	0.2538	10.4988		52,662.1428	52,662.1428	2.6003		52,727.1514

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2028

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	2.2583	79.4330	25.5443	0.2769	7.6360	0.0920	7.7280	2.1982	0.0879	2.2861		30,076.5589	30,076.5589	2.0801		30,128.5609
Worker	10.4247	5.3310	57.8906	0.2182	30.3371	0.1649	30.5020	8.0468	0.1517	8.1985		21,770.9739	21,770.9739	0.4722		21,782.7788
Total	12.6830	84.7641	83.4349	0.4951	37.9731	0.2569	38.2300	10.2450	0.2396	10.4846		51,847.5328	51,847.5328	2.5523		51,911.3397

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2028

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	2.2583	79.4330	25.5443	0.2769	7.6360	0.0920	7.7280	2.1982	0.0879	2.2861		30,076.5589	30,076.5589	2.0801		30,128.5609
Worker	10.4247	5.3310	57.8906	0.2182	30.3371	0.1649	30.5020	8.0468	0.1517	8.1985		21,770.9739	21,770.9739	0.4722		21,782.7788
Total	12.6830	84.7641	83.4349	0.4951	37.9731	0.2569	38.2300	10.2450	0.2396	10.4846		51,847.5328	51,847.5328	2.5523		51,911.3397

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2029

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	2.2187	78.4667	25.3492	0.2754	7.6360	0.0895	7.7255	2.1982	0.0856	2.2837		29,947.80 47	29,947.80 47	2.0660		29,999.45 49
Worker	9.8677	5.0001	54.8321	0.2122	30.3371	0.1531	30.4902	8.0468	0.1408	8.1876		21,170.40 88	21,170.40 88	0.4453		21,181.54 10
Total	12.0864	83.4668	80.1813	0.4876	37.9731	0.2426	38.2157	10.2450	0.2264	10.4714		51,118.21 36	51,118.21 36	2.5113		51,180.99 59

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2030 - San Diego County, Winter

3.5 Building Construction - 2029

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	2.2187	78.4667	25.3492	0.2754	7.6360	0.0895	7.7255	2.1982	0.0856	2.2837		29,947.80 47	29,947.80 47	2.0660		29,999.45 49
Worker	9.8677	5.0001	54.8321	0.2122	30.3371	0.1531	30.4902	8.0468	0.1408	8.1876		21,170.40 88	21,170.40 88	0.4453		21,181.54 10
Total	12.0864	83.4668	80.1813	0.4876	37.9731	0.2426	38.2157	10.2450	0.2264	10.4714		51,118.21 36	51,118.21 36	2.5113		51,180.99 59

3.6 Paving - 2029

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

General Plan Build Out - 2030 - San Diego County, Winter

3.6 Paving - 2029

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	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339
Total	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

General Plan Build Out - 2030 - San Diego County, Winter

3.6 Paving - 2029

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	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339
Total	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339

3.7 Architectural Coating - 2029

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	773.8509					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	774.0217	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

General Plan Build Out - 2030 - San Diego County, Winter

3.7 Architectural Coating - 2029

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	1.9746	1.0006	10.9724	0.0425	6.0707	0.0306	6.1013	1.6102	0.0282	1.6384		4,236.3748	4,236.3748	0.0891		4,238.6024
Total	1.9746	1.0006	10.9724	0.0425	6.0707	0.0306	6.1013	1.6102	0.0282	1.6384		4,236.3748	4,236.3748	0.0891		4,238.6024

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	773.8509					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	774.0217	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

General Plan Build Out - 2030 - San Diego County, Winter

3.7 Architectural Coating - 2029

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	1.9746	1.0006	10.9724	0.0425	6.0707	0.0306	6.1013	1.6102	0.0282	1.6384		4,236.3748	4,236.3748	0.0891		4,238.6024
Total	1.9746	1.0006	10.9724	0.0425	6.0707	0.0306	6.1013	1.6102	0.0282	1.6384		4,236.3748	4,236.3748	0.0891		4,238.6024

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

General Plan Build Out - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

General Plan Build Out - 2030 - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655
NaturalGas Unmitigated	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655

General Plan Build Out - 2030 - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173549	1.8716	17.0146	14.2922	0.1021		1.2931	1.2931		1.2931	1.2931		20,417.4827	20,417.4827	0.3913	0.3743	20,538.8136
Single Family Housing	60314.6	0.6505	5.5584	2.3653	0.0355		0.4494	0.4494		0.4494	0.4494		7,095.8320	7,095.8320	0.1360	0.1301	7,137.9990
Total		3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655

General Plan Build Out - 2030 - San Diego County, Winter

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.549	1.8716	17.0146	14.2922	0.1021		1.2931	1.2931		1.2931	1.2931		20,417.4827	20,417.4827	0.3913	0.3743	20,538.8136
Single Family Housing	60.3146	0.6505	5.5584	2.3653	0.0355		0.4494	0.4494		0.4494	0.4494		7,095.8320	7,095.8320	0.1360	0.1301	7,137.9990
Total		3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655

6.0 Area Detail

6.1 Mitigation Measures Area

General Plan Build Out - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151
Unmitigated	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151

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	29.2579					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,221.055 5	121.4900	7,679.217 3	13.9126		1,076.699 5	1,076.699 5		1,076.699 5	1,076.6995	112,892.08 54	47,345.29 41	160,237.3 795	104.1807	8.8798	165,488.0 808
Landscaping	10.0439	3.8598	334.9113	0.0177		1.8614	1.8614		1.8614	1.8614		604.7913	604.7913	0.5777		619.2343
Total	6,466.452 2	125.3499	8,014.128 6	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.0 854	47,950.08 54	160,842.1 708	104.7584	8.8798	166,107.3 151

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	29.2579					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,221.0555	121.4900	7,679.2173	13.9126		1,076.6995	1,076.6995		1,076.6995	1,076.6995	112,892.0854	47,345.2941	160,237.3795	104.1807	8.8798	165,488.0808
Landscaping	10.0439	3.8598	334.9113	0.0177		1.8614	1.8614		1.8614	1.8614		604.7913	604.7913	0.5777		619.2343
Total	6,466.4522	125.3499	8,014.1286	13.9303		1,078.5608	1,078.5608		1,078.5608	1,078.5608	112,892.0854	47,950.0854	160,842.1708	104.7584	8.8798	166,107.3151

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,116.00	1000sqft	94.49	4,116,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,667.00	Dwelling Unit	541.23	3,000,600.00	4768

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	880.00	445.00
tblConstructionPhase	NumDays	12,400.00	6,266.00
tblConstructionPhase	NumDays	800.00	404.00
tblConstructionPhase	NumDays	1,240.00	627.00
tblConstructionPhase	NumDays	880.00	445.00
tblConstructionPhase	NumDays	480.00	243.00
tblConstructionPhase	PhaseEndDate	12/7/2084	11/25/2049

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tblConstructionPhase	PhaseEndDate	3/10/2078	11/25/2049
tblConstructionPhase	PhaseEndDate	1/25/2024	7/20/2022
tblConstructionPhase	PhaseEndDate	8/29/2030	11/19/2025
tblConstructionPhase	PhaseEndDate	7/24/2081	11/25/2049
tblConstructionPhase	PhaseEndDate	11/27/2025	6/26/2023
tblConstructionPhase	PhaseStartDate	7/25/2081	3/13/2048
tblConstructionPhase	PhaseStartDate	8/30/2030	11/20/2025
tblConstructionPhase	PhaseStartDate	11/28/2025	6/27/2023
tblConstructionPhase	PhaseStartDate	3/11/2078	3/13/2048
tblConstructionPhase	PhaseStartDate	1/26/2024	7/21/2022
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00

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tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4199	4.1079	2.8631	5.2200e-003	0.0157	0.2026	0.2183	4.1700e-003	0.1882	0.1923	0.0000	457.4230	457.4230	0.1253	0.0000	460.5550
2022	0.3812	3.7791	2.6741	5.1600e-003	1.0739	0.1833	1.2572	0.5855	0.1695	0.7550	0.0000	452.9944	452.9944	0.1319	0.0000	456.2924
2023	0.3978	4.0517	3.0820	6.7400e-003	2.3927	0.1753	2.5680	0.9424	0.1613	1.1037	0.0000	592.1832	592.1832	0.1868	0.0000	596.8518
2024	0.4294	4.2463	3.6843	8.3100e-003	1.6411	0.1751	1.8162	0.5290	0.1611	0.6900	0.0000	730.5418	730.5418	0.2314	0.0000	736.3266
2025	0.5542	4.7685	4.7438	0.0157	2.1018	0.1430	2.2448	0.6275	0.1318	0.7593	0.0000	1,431.4276	1,431.4276	0.2484	0.0000	1,437.6374
2026	1.7848	13.1573	13.8431	0.0713	4.8418	0.1057	4.9475	1.3091	0.0991	1.4082	0.0000	6,729.5135	6,729.5135	0.3795	0.0000	6,739.0012
2027	1.7220	12.9555	13.3203	0.0701	4.8418	0.1041	4.9459	1.3091	0.0976	1.4067	0.0000	6,617.1979	6,617.1979	0.3732	0.0000	6,626.5283
2028	1.6508	12.7361	12.8305	0.0687	4.8232	0.1018	4.9250	1.3040	0.0955	1.3995	0.0000	6,494.4657	6,494.4657	0.3663	0.0000	6,503.6243

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2029	1.5876	12.6144	12.4576	0.0680	4.8418	0.1003	4.9421	1.3091	0.0941	1.4032	0.0000	6,431.890 5	6,431.890 5	0.3631	0.0000	6,440.967 6
2030	1.5054	11.8732	12.0756	0.0676	4.8418	0.0492	4.8909	1.3091	0.0472	1.3562	0.0000	6,396.316 4	6,396.316 4	0.3014	0.0000	6,403.851 8
2031	1.4273	11.7415	11.7051	0.0669	4.8418	0.0477	4.8894	1.3091	0.0458	1.3548	0.0000	6,330.298 1	6,330.298 1	0.2975	0.0000	6,337.735 6
2032	1.3637	11.6709	11.4342	0.0665	4.8603	0.0465	4.9068	1.3141	0.0447	1.3588	0.0000	6,298.378 5	6,298.378 5	0.2954	0.0000	6,305.763 6
2033	1.2939	11.4803	11.0781	0.0654	4.8232	0.0449	4.8681	1.3040	0.0432	1.3473	0.0000	6,202.710 1	6,202.710 1	0.2904	0.0000	6,209.970 6
2034	1.2430	11.3927	10.8183	0.0650	4.8232	0.0438	4.8670	1.3040	0.0422	1.3462	0.0000	6,162.366 3	6,162.366 3	0.2880	0.0000	6,169.565 8
2035	1.1916	11.2632	10.6301	0.0648	4.8418	0.0354	4.8772	1.3091	0.0339	1.3430	0.0000	6,152.193 7	6,152.193 7	0.2859	0.0000	6,159.3411
2036	1.1962	11.3063	10.6708	0.0651	4.8603	0.0356	4.8959	1.3141	0.0340	1.3481	0.0000	6,175.765 3	6,175.765 3	0.2870	0.0000	6,182.940 1
2037	1.1916	11.2632	10.6301	0.0648	4.8418	0.0354	4.8772	1.3091	0.0339	1.3430	0.0000	6,152.193 7	6,152.193 7	0.2859	0.0000	6,159.3411
2038	1.1916	11.2632	10.6301	0.0648	4.8418	0.0354	4.8772	1.3091	0.0339	1.3430	0.0000	6,152.193 7	6,152.193 7	0.2859	0.0000	6,159.3411
2039	1.1871	11.2200	10.5894	0.0646	4.8232	0.0353	4.8585	1.3040	0.0338	1.3378	0.0000	6,128.622 1	6,128.622 1	0.2848	0.0000	6,135.742 0
2040	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.525 0	6,058.525 0	0.2771	0.0000	6,065.451 5
2041	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.525 0	6,058.525 0	0.2771	0.0000	6,065.451 5
2042	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.525 0	6,058.525 0	0.2771	0.0000	6,065.451 5
2043	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.525 0	6,058.525 0	0.2771	0.0000	6,065.451 5
2044	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.525 0	6,058.525 0	0.2771	0.0000	6,065.451 5
2045	0.9556	10.8716	9.5451	0.0631	4.8233	0.0285	4.8518	1.3041	0.0273	1.3314	0.0000	5,991.835 5	5,991.835 5	0.2687	0.0000	5,998.553 1
2046	0.9593	10.9135	9.5818	0.0633	4.8418	0.0286	4.8704	1.3091	0.0274	1.3365	0.0000	6,014.881 0	6,014.881 0	0.2697	0.0000	6,021.624 5

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2047	0.9593	10.9135	9.5818	0.0633	4.8418	0.0286	4.8704	1.3091	0.0274	1.3365	0.0000	6,014.8810	6,014.8810	0.2697	0.0000	6,021.6245
2048	26.3682	11.4784	12.1959	0.0707	5.4953	0.0432	5.5384	1.4828	0.0419	1.5247	0.0000	6,668.3250	6,668.3250	0.2856	0.0000	6,675.4645
2049	29.2934	10.4117	11.5115	0.0650	5.0700	0.0419	5.1119	1.3675	0.0408	1.4082	0.0000	6,121.1434	6,121.1434	0.2594	0.0000	6,127.6293
Maximum	29.2934	13.1573	13.8431	0.0713	5.4953	0.2026	5.5384	1.4828	0.1882	1.5247	0.0000	6,729.5135	6,729.5135	0.3795	0.0000	6,739.0012

2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4199	4.1079	2.8631	5.2200e-003	0.0157	0.2026	0.2183	4.1700e-003	0.1882	0.1923	0.0000	457.4224	457.4224	0.1253	0.0000	460.5544
2022	0.3812	3.7791	2.6741	5.1600e-003	1.0739	0.1833	1.2572	0.5855	0.1695	0.7550	0.0000	452.9938	452.9938	0.1319	0.0000	456.2919
2023	0.3978	4.0517	3.0820	6.7400e-003	2.3927	0.1753	2.5680	0.9424	0.1613	1.1037	0.0000	592.1825	592.1825	0.1868	0.0000	596.8511
2024	0.4293	4.2463	3.6843	8.3100e-003	1.6411	0.1751	1.8162	0.5290	0.1611	0.6900	0.0000	730.5409	730.5409	0.2314	0.0000	736.3258
2025	0.5542	4.7685	4.7438	0.0157	2.1018	0.1430	2.2448	0.6275	0.1318	0.7593	0.0000	1,431.4268	1,431.4268	0.2484	0.0000	1,437.6366
2026	1.7848	13.1573	13.8431	0.0713	4.8418	0.1057	4.9475	1.3091	0.0991	1.4082	0.0000	6,729.5131	6,729.5131	0.3795	0.0000	6,739.0009
2027	1.7220	12.9555	13.3203	0.0701	4.8418	0.1041	4.9459	1.3091	0.0976	1.4067	0.0000	6,617.1975	6,617.1975	0.3732	0.0000	6,626.5280
2028	1.6508	12.7361	12.8305	0.0687	4.8232	0.1018	4.9250	1.3040	0.0955	1.3995	0.0000	6,494.4654	6,494.4654	0.3663	0.0000	6,503.6239

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2029	1.5876	12.6144	12.4576	0.0680	4.8418	0.1003	4.9421	1.3091	0.0941	1.4032	0.0000	6,431.890 1	6,431.890 1	0.3631	0.0000	6,440.967 2
2030	1.5054	11.8732	12.0756	0.0676	4.8418	0.0492	4.8909	1.3091	0.0472	1.3562	0.0000	6,396.316 0	6,396.316 0	0.3014	0.0000	6,403.851 4
2031	1.4273	11.7415	11.7051	0.0669	4.8418	0.0477	4.8894	1.3091	0.0458	1.3548	0.0000	6,330.297 7	6,330.297 7	0.2975	0.0000	6,337.735 2
2032	1.3637	11.6709	11.4342	0.0665	4.8603	0.0465	4.9068	1.3141	0.0447	1.3588	0.0000	6,298.378 0	6,298.378 0	0.2954	0.0000	6,305.763 2
2033	1.2939	11.4803	11.0781	0.0654	4.8232	0.0449	4.8681	1.3040	0.0432	1.3473	0.0000	6,202.709 7	6,202.709 7	0.2904	0.0000	6,209.970 2
2034	1.2430	11.3927	10.8183	0.0650	4.8232	0.0438	4.8670	1.3040	0.0422	1.3462	0.0000	6,162.365 8	6,162.365 8	0.2880	0.0000	6,169.565 4
2035	1.1916	11.2632	10.6301	0.0648	4.8418	0.0354	4.8772	1.3091	0.0339	1.3430	0.0000	6,152.193 3	6,152.193 3	0.2859	0.0000	6,159.340 6
2036	1.1962	11.3063	10.6708	0.0651	4.8603	0.0356	4.8959	1.3141	0.0340	1.3481	0.0000	6,175.764 9	6,175.764 9	0.2870	0.0000	6,182.939 7
2037	1.1916	11.2632	10.6301	0.0648	4.8418	0.0354	4.8772	1.3091	0.0339	1.3430	0.0000	6,152.193 3	6,152.193 3	0.2859	0.0000	6,159.340 6
2038	1.1916	11.2632	10.6301	0.0648	4.8418	0.0354	4.8772	1.3091	0.0339	1.3430	0.0000	6,152.193 3	6,152.193 3	0.2859	0.0000	6,159.340 6
2039	1.1871	11.2200	10.5894	0.0646	4.8232	0.0353	4.8585	1.3040	0.0338	1.3378	0.0000	6,128.621 7	6,128.621 7	0.2848	0.0000	6,135.741 6
2040	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.524 6	6,058.524 6	0.2771	0.0000	6,065.4511
2041	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.524 6	6,058.524 6	0.2771	0.0000	6,065.4511
2042	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.524 6	6,058.524 6	0.2771	0.0000	6,065.4511
2043	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.524 6	6,058.524 6	0.2771	0.0000	6,065.4511
2044	1.0271	10.9991	9.8997	0.0638	4.8418	0.0300	4.8718	1.3091	0.0287	1.3378	0.0000	6,058.524 6	6,058.524 6	0.2771	0.0000	6,065.4511
2045	0.9556	10.8716	9.5451	0.0631	4.8233	0.0285	4.8518	1.3041	0.0273	1.3314	0.0000	5,991.835 1	5,991.835 1	0.2687	0.0000	5,998.552 7
2046	0.9593	10.9135	9.5818	0.0633	4.8418	0.0286	4.8704	1.3091	0.0274	1.3365	0.0000	6,014.880 6	6,014.880 6	0.2697	0.0000	6,021.624 1

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2047	0.9593	10.9135	9.5818	0.0633	4.8418	0.0286	4.8704	1.3091	0.0274	1.3365	0.0000	6,014.880 6	6,014.880 6	0.2697	0.0000	6,021.624 1
2048	26.3682	11.4784	12.1959	0.0707	5.4953	0.0432	5.5384	1.4828	0.0419	1.5247	0.0000	6,668.324 3	6,668.324 3	0.2856	0.0000	6,675.463 7
2049	29.2934	10.4117	11.5115	0.0650	5.0700	0.0419	5.1119	1.3675	0.0408	1.4082	0.0000	6,121.142 6	6,121.142 6	0.2594	0.0000	6,127.628 5
Maximum	29.2934	13.1573	13.8431	0.0713	5.4953	0.2026	5.5384	1.4828	0.1882	1.5247	0.0000	6,729.513 1	6,729.513 1	0.3795	0.0000	6,739.000 9

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	1.1154	1.1154
2	4-1-2021	6-30-2021	1.1275	1.1275
3	7-1-2021	9-30-2021	1.1399	1.1399
4	10-1-2021	12-31-2021	1.1402	1.1402
5	1-1-2022	3-31-2022	0.9144	0.9144
6	4-1-2022	6-30-2022	0.9242	0.9242
7	7-1-2022	9-30-2022	1.1378	1.1378
8	10-1-2022	12-31-2022	1.1948	1.1948
9	1-1-2023	3-31-2023	0.9734	0.9734
10	4-1-2023	6-30-2023	0.9948	0.9948
11	7-1-2023	9-30-2023	1.2465	1.2465
12	10-1-2023	12-31-2023	1.2469	1.2469
13	1-1-2024	3-31-2024	1.1603	1.1603
14	4-1-2024	6-30-2024	1.1599	1.1599

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15	7-1-2024	9-30-2024	1.1726	1.1726
16	10-1-2024	12-31-2024	1.1730	1.1730
17	1-1-2025	3-31-2025	0.9946	0.9946
18	4-1-2025	6-30-2025	1.0053	1.0053
19	7-1-2025	9-30-2025	1.0163	1.0163
20	10-1-2025	12-31-2025	2.3130	2.3130
21	1-1-2026	3-31-2026	3.7027	3.7027
22	4-1-2026	6-30-2026	3.6822	3.6822
23	7-1-2026	9-30-2026	3.7227	3.7227
24	10-1-2026	12-31-2026	3.7850	3.7850
25	1-1-2027	3-31-2027	3.6364	3.6364
26	4-1-2027	6-30-2027	3.6180	3.6180
27	7-1-2027	9-30-2027	3.6578	3.6578
28	10-1-2027	12-31-2027	3.7172	3.7172
29	1-1-2028	3-31-2028	3.6167	3.6167
30	4-1-2028	6-30-2028	3.5609	3.5609
31	7-1-2028	9-30-2028	3.6000	3.6000
32	10-1-2028	12-31-2028	3.6565	3.6565
33	1-1-2029	3-31-2029	3.5161	3.5161
34	4-1-2029	6-30-2029	3.5026	3.5026
35	7-1-2029	9-30-2029	3.5411	3.5411
36	10-1-2029	12-31-2029	3.5943	3.5943
37	1-1-2030	3-31-2030	3.3112	3.3112
38	4-1-2030	6-30-2030	3.2990	3.2990
39	7-1-2030	9-30-2030	3.3352	3.3352
40	10-1-2030	12-31-2030	3.3848	3.3848
41	1-1-2031	3-31-2031	3.2572	3.2572

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42	4-1-2031	6-30-2031	3.2481	3.2481
43	7-1-2031	9-30-2031	3.2838	3.2838
44	10-1-2031	12-31-2031	3.3295	3.3295
45	1-1-2032	3-31-2032	3.2454	3.2454
46	4-1-2032	6-30-2032	3.2035	3.2035
47	7-1-2032	9-30-2032	3.2387	3.2387
48	10-1-2032	12-31-2032	3.2810	3.2810
49	1-1-2033	3-31-2033	3.1680	3.1680
50	4-1-2033	6-30-2033	3.1643	3.1643
51	7-1-2033	9-30-2033	3.1990	3.1990
52	10-1-2033	12-31-2033	3.2384	3.2384
53	1-1-2034	3-31-2034	3.1320	3.1320
54	4-1-2034	6-30-2034	3.1304	3.1304
55	7-1-2034	9-30-2034	3.1648	3.1648
56	10-1-2034	12-31-2034	3.2016	3.2016
57	1-1-2035	3-31-2035	3.0740	3.0740
58	4-1-2035	6-30-2035	3.0739	3.0739
59	7-1-2035	9-30-2035	3.1077	3.1077
60	10-1-2035	12-31-2035	3.1424	3.1424
61	1-1-2036	3-31-2036	3.1082	3.1082
62	4-1-2036	6-30-2036	3.0739	3.0739
63	7-1-2036	9-30-2036	3.1077	3.1077
64	10-1-2036	12-31-2036	3.1424	3.1424
65	1-1-2037	3-31-2037	3.0740	3.0740
66	4-1-2037	6-30-2037	3.0739	3.0739
67	7-1-2037	9-30-2037	3.1077	3.1077
68	10-1-2037	12-31-2037	3.1424	3.1424

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69	1-1-2038	3-31-2038	3.0740	3.0740
70	4-1-2038	6-30-2038	3.0739	3.0739
71	7-1-2038	9-30-2038	3.1077	3.1077
72	10-1-2038	12-31-2038	3.1424	3.1424
73	1-1-2039	3-31-2039	3.0740	3.0740
74	4-1-2039	6-30-2039	3.0739	3.0739
75	7-1-2039	9-30-2039	3.1077	3.1077
76	10-1-2039	12-31-2039	3.1424	3.1424
77	1-1-2040	3-31-2040	2.9956	2.9956
78	4-1-2040	6-30-2040	2.9695	2.9695
79	7-1-2040	9-30-2040	3.0022	3.0022
80	10-1-2040	12-31-2040	3.0285	3.0285
81	1-1-2041	3-31-2041	2.9627	2.9627
82	4-1-2041	6-30-2041	2.9695	2.9695
83	7-1-2041	9-30-2041	3.0022	3.0022
84	10-1-2041	12-31-2041	3.0285	3.0285
85	1-1-2042	3-31-2042	2.9627	2.9627
86	4-1-2042	6-30-2042	2.9695	2.9695
87	7-1-2042	9-30-2042	3.0022	3.0022
88	10-1-2042	12-31-2042	3.0285	3.0285
89	1-1-2043	3-31-2043	2.9627	2.9627
90	4-1-2043	6-30-2043	2.9695	2.9695
91	7-1-2043	9-30-2043	3.0022	3.0022
92	10-1-2043	12-31-2043	3.0285	3.0285
93	1-1-2044	3-31-2044	2.9956	2.9956
94	4-1-2044	6-30-2044	2.9695	2.9695
95	7-1-2044	9-30-2044	3.0022	3.0022

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96	10-1-2044	12-31-2044	3.0285	3.0285
97	1-1-2045	3-31-2045	2.9234	2.9234
98	4-1-2045	6-30-2045	2.9319	2.9319
99	7-1-2045	9-30-2045	2.9641	2.9641
100	10-1-2045	12-31-2045	2.9883	2.9883
101	1-1-2046	3-31-2046	2.9234	2.9234
102	4-1-2046	6-30-2046	2.9319	2.9319
103	7-1-2046	9-30-2046	2.9641	2.9641
104	10-1-2046	12-31-2046	2.9883	2.9883
105	1-1-2047	3-31-2047	2.9234	2.9234
106	4-1-2047	6-30-2047	2.9319	2.9319
107	7-1-2047	9-30-2047	2.9641	2.9641
108	10-1-2047	12-31-2047	2.9883	2.9883
109	1-1-2048	3-31-2048	4.6324	4.6324
110	4-1-2048	6-30-2048	10.9550	10.9550
111	7-1-2048	9-30-2048	11.0754	11.0754
112	10-1-2048	12-31-2048	11.1062	11.1062
113	1-1-2049	3-31-2049	10.8648	10.8648
114	4-1-2049	6-30-2049	10.9550	10.9550
115	7-1-2049	9-30-2049	11.0754	11.0754
		Highest	11.1062	11.1062

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2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	298.9175	5.3283	344.9371	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.816 0
Energy	0.5636	5.0058	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.445 2	5,577.445 2	0.1069	0.1023	5,610.589 1
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,426.961 5	0.0000	1,426.961 5	84.3310	0.0000	3,535.236 8
Water						0.0000	0.0000		0.0000	0.0000	324.6231	0.0000	324.6231	33.3419	0.7873	1,392.778 6
Total	299.4811	10.3341	348.3784	0.6028	0.0000	44.7016	44.7016	0.0000	44.7016	44.7016	5,950.557 7	7,387.812 4	13,338.37 01	121.7019	1.2198	16,744.42 05

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	298.9175	5.3283	344.9371	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.816 0
Energy	0.5636	5.0058	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.445 2	5,577.445 2	0.1069	0.1023	5,610.589 1
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,426.961 5	0.0000	1,426.961 5	84.3310	0.0000	3,535.236 8
Water						0.0000	0.0000		0.0000	0.0000	324.6231	0.0000	324.6231	33.3419	0.7873	1,392.778 6
Total	299.4811	10.3341	348.3784	0.6028	0.0000	44.7016	44.7016	0.0000	44.7016	44.7016	5,950.557 7	7,387.812 4	13,338.37 01	121.7019	1.2198	16,744.42 05

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1567.5

Acres of Paving: 0

Residential Indoor: 10,932,165; Residential Outdoor: 3,644,055; Non-Residential Indoor: 6,348,000; Non-Residential Outdoor: 2,116,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,693.00	1,128.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	739.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7102	443.7102	0.1249	0.0000	446.8324
Total	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7102	443.7102	0.1249	0.0000	446.8324

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226
Total	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226

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	tons/yr										MT/yr					
Off-Road	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7097	443.7097	0.1249	0.0000	446.8319
Total	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7097	443.7097	0.1249	0.0000	446.8319

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3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226
Total	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0301	243.0301	0.0683	0.0000	244.7367
Total	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0301	243.0301	0.0683	0.0000	244.7367

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3.2 Demolition - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426
Total	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426

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	tons/yr										MT/yr					
Off-Road	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0298	243.0298	0.0683	0.0000	244.7365
Total	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0298	243.0298	0.0683	0.0000	244.7365

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3.2 Demolition - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426
Total	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0569	0.0000	1.0569	0.5809	0.0000	0.5809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1855	1.9354	1.1523	2.2300e-003		0.0943	0.0943		0.0868	0.0868	0.0000	195.6204	195.6204	0.0633	0.0000	197.2021
Total	0.1855	1.9354	1.1523	2.2300e-003	1.0569	0.0943	1.1512	0.5809	0.0868	0.6677	0.0000	195.6204	195.6204	0.0633	0.0000	197.2021

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3.3 Site Preparation - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109
Total	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109

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	tons/yr										MT/yr					
Fugitive Dust					1.0569	0.0000	1.0569	0.5809	0.0000	0.5809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1855	1.9354	1.1523	2.2300e-003		0.0943	0.0943		0.0868	0.0868	0.0000	195.6202	195.6202	0.0633	0.0000	197.2019
Total	0.1855	1.9354	1.1523	2.2300e-003	1.0569	0.0943	1.1512	0.5809	0.0868	0.6677	0.0000	195.6202	195.6202	0.0633	0.0000	197.2019

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3.3 Site Preparation - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109
Total	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109

3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
Fugitive Dust					1.1382	0.0000	1.1382	0.6256	0.0000	0.6256	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1676	1.7340	1.1494	2.4000e-003		0.0798	0.0798		0.0734	0.0734	0.0000	210.7394	210.7394	0.0682	0.0000	212.4433
Total	0.1676	1.7340	1.1494	2.4000e-003	1.1382	0.0798	1.2179	0.6256	0.0734	0.6990	0.0000	210.7394	210.7394	0.0682	0.0000	212.4433

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3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652
Total	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652

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	tons/yr										MT/yr					
Fugitive Dust					1.1382	0.0000	1.1382	0.6256	0.0000	0.6256	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1675	1.7340	1.1494	2.4000e-003		0.0798	0.0798		0.0734	0.0734	0.0000	210.7391	210.7391	0.0682	0.0000	212.4431
Total	0.1675	1.7340	1.1494	2.4000e-003	1.1382	0.0798	1.2179	0.6256	0.0734	0.6990	0.0000	210.7391	210.7391	0.0682	0.0000	212.4431

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3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652
Total	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652

3.4 Grading - 2023

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	tons/yr										MT/yr					
Fugitive Dust					1.2347	0.0000	1.2347	0.3115	0.0000	0.3115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2226	2.3126	1.8794	4.1600e-003		0.0954	0.0954		0.0878	0.0878	0.0000	365.3859	365.3859	0.1182	0.0000	368.3402
Total	0.2226	2.3126	1.8794	4.1600e-003	1.2347	0.0954	1.3301	0.3115	0.0878	0.3993	0.0000	365.3859	365.3859	0.1182	0.0000	368.3402

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3.4 Grading - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031
Total	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031

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	tons/yr										MT/yr					
Fugitive Dust					1.2347	0.0000	1.2347	0.3115	0.0000	0.3115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2226	2.3125	1.8794	4.1600e-003		0.0954	0.0954		0.0878	0.0878	0.0000	365.3855	365.3855	0.1182	0.0000	368.3398
Total	0.2226	2.3125	1.8794	4.1600e-003	1.2347	0.0954	1.3301	0.3115	0.0878	0.3993	0.0000	365.3855	365.3855	0.1182	0.0000	368.3398

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3.4 Grading - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031
Total	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031

3.4 Grading - 2024

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	tons/yr										MT/yr					
Fugitive Dust					1.6201	0.0000	1.6201	0.5234	0.0000	0.5234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4216	4.2414	3.6317	8.1300e-003		0.1749	0.1749		0.1609	0.1609	0.0000	714.2058	714.2058	0.2310	0.0000	719.9805
Total	0.4216	4.2414	3.6317	8.1300e-003	1.6201	0.1749	1.7950	0.5234	0.1609	0.6843	0.0000	714.2058	714.2058	0.2310	0.0000	719.9805

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3.4 Grading - 2024

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462
Total	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462

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	tons/yr										MT/yr					
Fugitive Dust					1.6201	0.0000	1.6201	0.5234	0.0000	0.5234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4216	4.2414	3.6317	8.1300e-003		0.1749	0.1749		0.1609	0.1609	0.0000	714.2049	714.2049	0.2310	0.0000	719.9796
Total	0.4216	4.2414	3.6317	8.1300e-003	1.6201	0.1749	1.7950	0.5234	0.1609	0.6843	0.0000	714.2049	714.2049	0.2310	0.0000	719.9796

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3.4 Grading - 2024

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462
Total	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462

3.4 Grading - 2025

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	tons/yr										MT/yr					
Fugitive Dust					1.5267	0.0000	1.5267	0.4721	0.0000	0.4721	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3351	3.2274	3.0412	7.1700e-003		0.1306	0.1306		0.1202	0.1202	0.0000	629.5468	629.5468	0.2036	0.0000	634.6370
Total	0.3351	3.2274	3.0412	7.1700e-003	1.5267	0.1306	1.6573	0.4721	0.1202	0.5923	0.0000	629.5468	629.5468	0.2036	0.0000	634.6370

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3.4 Grading - 2025

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291
Total	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291

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	tons/yr										MT/yr					
Fugitive Dust					1.5267	0.0000	1.5267	0.4721	0.0000	0.4721	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3351	3.2274	3.0412	7.1700e-003		0.1306	0.1306		0.1202	0.1202	0.0000	629.5460	629.5460	0.2036	0.0000	634.6362
Total	0.3351	3.2274	3.0412	7.1700e-003	1.5267	0.1306	1.6573	0.4721	0.1202	0.5923	0.0000	629.5460	629.5460	0.2036	0.0000	634.6362

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3.4 Grading - 2025

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291
Total	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291

3.5 Building Construction - 2025

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	tons/yr										MT/yr					
Off-Road	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9924
Total	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9924

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.0351	1.2533	0.3793	4.2900e-003	0.1123	1.4600e-003	0.1138	0.0324	1.4000e-003	0.0338	0.0000	421.8403	421.8403	0.0284	0.0000	422.5498
Worker	0.1569	0.0967	1.0387	3.6600e-003	0.4442	2.9100e-003	0.4471	0.1180	2.6800e-003	0.1207	0.0000	331.4318	331.4318	7.9000e-003	0.0000	331.6292
Total	0.1920	1.3500	1.4179	7.9500e-003	0.5565	4.3700e-003	0.5609	0.1505	4.0800e-003	0.1545	0.0000	753.2721	753.2721	0.0363	0.0000	754.1790

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	tons/yr										MT/yr					
Off-Road	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9923
Total	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9923

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.0351	1.2533	0.3793	4.2900e-003	0.1123	1.4600e-003	0.1138	0.0324	1.4000e-003	0.0338	0.0000	421.8403	421.8403	0.0284	0.0000	422.5498
Worker	0.1569	0.0967	1.0387	3.6600e-003	0.4442	2.9100e-003	0.4471	0.1180	2.6800e-003	0.1207	0.0000	331.4318	331.4318	7.9000e-003	0.0000	331.6292
Total	0.1920	1.3500	1.4179	7.9500e-003	0.5565	4.3700e-003	0.5609	0.1505	4.0800e-003	0.1545	0.0000	753.2721	753.2721	0.0363	0.0000	754.1790

3.5 Building Construction - 2026

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2979	10.7475	3.2526	0.0371	0.9770	0.0123	0.9894	0.2821	0.0118	0.2939	0.0000	3,649.0021	3,649.0021	0.2444	0.0000	3,655.1110
Worker	1.3085	0.7826	8.4915	0.0307	3.8647	0.0246	3.8893	1.0270	0.0226	1.0496	0.0000	2,777.8565	2,777.8565	0.0640	0.0000	2,779.4567
Total	1.6064	11.5300	11.7441	0.0678	4.8418	0.0369	4.8787	1.3091	0.0344	1.3434	0.0000	6,426.8586	6,426.8586	0.3084	0.0000	6,434.5677

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2979	10.7475	3.2526	0.0371	0.9770	0.0123	0.9894	0.2821	0.0118	0.2939	0.0000	3,649.0021	3,649.0021	0.2444	0.0000	3,655.1110
Worker	1.3085	0.7826	8.4915	0.0307	3.8647	0.0246	3.8893	1.0270	0.0226	1.0496	0.0000	2,777.8565	2,777.8565	0.0640	0.0000	2,779.4567
Total	1.6064	11.5300	11.7441	0.0678	4.8418	0.0369	4.8787	1.3091	0.0344	1.3434	0.0000	6,426.8586	6,426.8586	0.3084	0.0000	6,434.5677

3.5 Building Construction - 2027

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2913	10.5978	3.2124	0.0369	0.9770	0.0120	0.9891	0.2821	0.0115	0.2936	0.0000	3,629.7423	3,629.7423	0.2422	0.0000	3,635.7961
Worker	1.2522	0.7305	8.0088	0.0297	3.8647	0.0232	3.8880	1.0270	0.0214	1.0484	0.0000	2,684.8007	2,684.8007	0.0599	0.0000	2,686.2987
Total	1.5435	11.3282	11.2212	0.0665	4.8418	0.0353	4.8770	1.3091	0.0329	1.3419	0.0000	6,314.5430	6,314.5430	0.3021	0.0000	6,322.0948

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2913	10.5978	3.2124	0.0369	0.9770	0.0120	0.9891	0.2821	0.0115	0.2936	0.0000	3,629.7423	3,629.7423	0.2422	0.0000	3,635.7961
Worker	1.2522	0.7305	8.0088	0.0297	3.8647	0.0232	3.8880	1.0270	0.0214	1.0484	0.0000	2,684.8007	2,684.8007	0.0599	0.0000	2,686.2987
Total	1.5435	11.3282	11.2212	0.0665	4.8418	0.0353	4.8770	1.3091	0.0329	1.3419	0.0000	6,314.5430	6,314.5430	0.3021	0.0000	6,322.0948

3.5 Building Construction - 2028

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2850	10.4333	3.1795	0.0365	0.9733	0.0117	0.9850	0.2810	0.0112	0.2922	0.0000	3,599.7967	3,599.7967	0.2392	0.0000	3,605.7773
Worker	1.1880	0.6818	7.5600	0.0287	3.8499	0.0214	3.8714	1.0230	0.0197	1.0428	0.0000	2,593.1737	2,593.1737	0.0562	0.0000	2,594.5798
Total	1.4731	11.1150	10.7395	0.0652	4.8232	0.0332	4.8564	1.3040	0.0309	1.3350	0.0000	6,192.9705	6,192.9705	0.2955	0.0000	6,200.3572

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2850	10.4333	3.1795	0.0365	0.9733	0.0117	0.9850	0.2810	0.0112	0.2922	0.0000	3,599.7967	3,599.7967	0.2392	0.0000	3,605.7773
Worker	1.1880	0.6818	7.5600	0.0287	3.8499	0.0214	3.8714	1.0230	0.0197	1.0428	0.0000	2,593.1737	2,593.1737	0.0562	0.0000	2,594.5798
Total	1.4731	11.1150	10.7395	0.0652	4.8232	0.0332	4.8564	1.3040	0.0309	1.3350	0.0000	6,192.9705	6,192.9705	0.2955	0.0000	6,200.3572

3.5 Building Construction - 2029

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2812	10.3452	3.1685	0.0365	0.9770	0.0115	0.9885	0.2821	0.0110	0.2931	0.0000	3,597.8730	3,597.8730	0.2387	0.0000	3,603.8401
Worker	1.1279	0.6420	7.1900	0.0280	3.8647	0.0200	3.8847	1.0270	0.0184	1.0454	0.0000	2,531.3626	2,531.3626	0.0533	0.0000	2,532.6940
Total	1.4091	10.9871	10.3585	0.0644	4.8418	0.0315	4.8732	1.3091	0.0294	1.3384	0.0000	6,129.2356	6,129.2356	0.2919	0.0000	6,136.5341

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2812	10.3452	3.1685	0.0365	0.9770	0.0115	0.9885	0.2821	0.0110	0.2931	0.0000	3,597.8730	3,597.8730	0.2387	0.0000	3,603.8401
Worker	1.1279	0.6420	7.1900	0.0280	3.8647	0.0200	3.8847	1.0270	0.0184	1.0454	0.0000	2,531.3626	2,531.3626	0.0533	0.0000	2,532.6940
Total	1.4091	10.9871	10.3585	0.0644	4.8418	0.0315	4.8732	1.3091	0.0294	1.3384	0.0000	6,129.2356	6,129.2356	0.2919	0.0000	6,136.5341

3.5 Building Construction - 2030

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

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3.5 Building Construction - 2030

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2774	10.2368	3.1563	0.0363	0.9770	0.0113	0.9883	0.2821	0.0108	0.2928	0.0000	3,585.0372	3,585.0372	0.2374	0.0000	3,590.9727
Worker	1.0572	0.6010	6.8108	0.0273	3.8647	0.0186	3.8833	1.0270	0.0171	1.0441	0.0000	2,468.2456	2,468.2456	0.0502	0.0000	2,469.5014
Total	1.3346	10.8378	9.9671	0.0636	4.8418	0.0298	4.8716	1.3091	0.0278	1.3369	0.0000	6,053.2828	6,053.2828	0.2877	0.0000	6,060.4741

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

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3.5 Building Construction - 2030

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2774	10.2368	3.1563	0.0363	0.9770	0.0113	0.9883	0.2821	0.0108	0.2928	0.0000	3,585.0372	3,585.0372	0.2374	0.0000	3,590.9727
Worker	1.0572	0.6010	6.8108	0.0273	3.8647	0.0186	3.8833	1.0270	0.0171	1.0441	0.0000	2,468.2456	2,468.2456	0.0502	0.0000	2,469.5014
Total	1.3346	10.8378	9.9671	0.0636	4.8418	0.0298	4.8716	1.3091	0.0278	1.3369	0.0000	6,053.2828	6,053.2828	0.2877	0.0000	6,060.4741

3.5 Building Construction - 2031

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

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3.5 Building Construction - 2031

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2743	10.1433	3.1458	0.0362	0.9770	0.0111	0.9881	0.2821	0.0106	0.2927	0.0000	3,574.251 2	3,574.251 2	0.2362	0.0000	3,580.157 1
Worker	0.9822	0.5628	6.4508	0.0267	3.8647	0.0173	3.8820	1.0270	0.0159	1.0429	0.0000	2,413.013 2	2,413.013 2	0.0475	0.0000	2,414.200 8
Total	1.2565	10.7061	9.5966	0.0628	4.8418	0.0283	4.8701	1.3091	0.0265	1.3355	0.0000	5,987.264 5	5,987.264 5	0.2837	0.0000	5,994.357 9

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

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3.5 Building Construction - 2031

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2743	10.1433	3.1458	0.0362	0.9770	0.0111	0.9881	0.2821	0.0106	0.2927	0.0000	3,574.251 2	3,574.251 2	0.2362	0.0000	3,580.157 1
Worker	0.9822	0.5628	6.4508	0.0267	3.8647	0.0173	3.8820	1.0270	0.0159	1.0429	0.0000	2,413.013 2	2,413.013 2	0.0475	0.0000	2,414.200 8
Total	1.2565	10.7061	9.5966	0.0628	4.8418	0.0283	4.8701	1.3091	0.0265	1.3355	0.0000	5,987.264 5	5,987.264 5	0.2837	0.0000	5,994.357 9

3.5 Building Construction - 2032

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	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933

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3.5 Building Construction - 2032

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2729	10.0985	3.1531	0.0362	0.9808	0.0109	0.9917	0.2832	0.0105	0.2936	0.0000	3,579.888 2	3,579.888 2	0.2362	0.0000	3,585.792 1
Worker	0.9193	0.5330	6.1645	0.0262	3.8795	0.0162	3.8957	1.0309	0.0149	1.0458	0.0000	2,374.142 3	2,374.142 3	0.0454	0.0000	2,375.278 2
Total	1.1923	10.6315	9.3176	0.0624	4.8603	0.0271	4.8874	1.3141	0.0253	1.3394	0.0000	5,954.030 5	5,954.030 5	0.2816	0.0000	5,961.070 3

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	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929

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3.5 Building Construction - 2032

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2729	10.0985	3.1531	0.0362	0.9808	0.0109	0.9917	0.2832	0.0105	0.2936	0.0000	3,579.888 2	3,579.888 2	0.2362	0.0000	3,585.792 1
Worker	0.9193	0.5330	6.1645	0.0262	3.8795	0.0162	3.8957	1.0309	0.0149	1.0458	0.0000	2,374.142 3	2,374.142 3	0.0454	0.0000	2,375.278 2
Total	1.1923	10.6315	9.3176	0.0624	4.8603	0.0271	4.8874	1.3141	0.0253	1.3394	0.0000	5,954.030 5	5,954.030 5	0.2816	0.0000	5,961.070 3

3.5 Building Construction - 2033

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

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3.5 Building Construction - 2033

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2691	9.9467	3.1268	0.0358	0.9733	0.0107	0.9840	0.2810	0.0102	0.2912	0.0000	3,546.0885	3,546.0885	0.2335	0.0000	3,551.9270
Worker	0.8546	0.5021	5.8509	0.0256	3.8499	0.0150	3.8649	1.0230	0.0138	1.0368	0.0000	2,314.9022	2,314.9022	0.0432	0.0000	2,315.9815
Total	1.1237	10.4488	8.9777	0.0614	4.8232	0.0257	4.8489	1.3041	0.0240	1.3280	0.0000	5,860.9907	5,860.9907	0.2767	0.0000	5,867.9085

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

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3.5 Building Construction - 2033

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2691	9.9467	3.1268	0.0358	0.9733	0.0107	0.9840	0.2810	0.0102	0.2912	0.0000	3,546.0885	3,546.0885	0.2335	0.0000	3,551.9270
Worker	0.8546	0.5021	5.8509	0.0256	3.8499	0.0150	3.8649	1.0230	0.0138	1.0368	0.0000	2,314.9022	2,314.9022	0.0432	0.0000	2,315.9815
Total	1.1237	10.4488	8.9777	0.0614	4.8232	0.0257	4.8489	1.3041	0.0240	1.3280	0.0000	5,860.9907	5,860.9907	0.2767	0.0000	5,867.9085

3.5 Building Construction - 2034

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

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3.5 Building Construction - 2034

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2676	9.8818	3.1232	0.0358	0.9733	0.0106	0.9839	0.2810	0.0101	0.2911	0.0000	3,541.1734	3,541.1734	0.2329	0.0000	3,546.9969
Worker	0.8052	0.4795	5.5947	0.0252	3.8499	0.0140	3.8639	1.0230	0.0128	1.0359	0.0000	2,279.4735	2,279.4735	0.0413	0.0000	2,280.5069
Total	1.0728	10.3612	8.7179	0.0610	4.8232	0.0245	4.8478	1.3041	0.0229	1.3270	0.0000	5,820.6469	5,820.6469	0.2743	0.0000	5,827.5037

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

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3.5 Building Construction - 2034

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2676	9.8818	3.1232	0.0358	0.9733	0.0106	0.9839	0.2810	0.0101	0.2911	0.0000	3,541.1734	3,541.1734	0.2329	0.0000	3,546.9969
Worker	0.8052	0.4795	5.5947	0.0252	3.8499	0.0140	3.8639	1.0230	0.0128	1.0359	0.0000	2,279.4735	2,279.4735	0.0413	0.0000	2,280.5069
Total	1.0728	10.3612	8.7179	0.0610	4.8232	0.0245	4.8478	1.3041	0.0229	1.3270	0.0000	5,820.6469	5,820.6469	0.2743	0.0000	5,827.5037

3.5 Building Construction - 2035

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2035

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2673	9.8650	3.1302	0.0359	0.9771	0.0105	0.9876	0.2821	0.0100	0.2921	0.0000	3,550.9591	3,550.9591	0.2333	0.0000	3,556.7906
Worker	0.7656	0.4637	5.3965	0.0249	3.8647	0.0131	3.8779	1.0270	0.0121	1.0391	0.0000	2,258.2010	2,258.2010	0.0399	0.0000	2,259.1974
Total	1.0328	10.3286	8.5267	0.0608	4.8418	0.0236	4.8654	1.3091	0.0221	1.3312	0.0000	5,809.1601	5,809.1601	0.2731	0.0000	5,815.9880

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2035

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2673	9.8650	3.1302	0.0359	0.9771	0.0105	0.9876	0.2821	0.0100	0.2921	0.0000	3,550.9591	3,550.9591	0.2333	0.0000	3,556.7906
Worker	0.7656	0.4637	5.3965	0.0249	3.8647	0.0131	3.8779	1.0270	0.0121	1.0391	0.0000	2,258.2010	2,258.2010	0.0399	0.0000	2,259.1974
Total	1.0328	10.3286	8.5267	0.0608	4.8418	0.0236	4.8654	1.3091	0.0221	1.3312	0.0000	5,809.1601	5,809.1601	0.2731	0.0000	5,815.9880

3.5 Building Construction - 2036

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	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686

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3.5 Building Construction - 2036

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2683	9.9028	3.1422	0.0360	0.9808	0.0105	0.9913	0.2832	0.0101	0.2932	0.0000	3,564.564 3	3,564.564 3	0.2342	0.0000	3,570.418 1
Worker	0.7685	0.4654	5.4172	0.0250	3.8795	0.0132	3.8927	1.0309	0.0121	1.0430	0.0000	2,266.853 1	2,266.853 1	0.0400	0.0000	2,267.853 4
Total	1.0368	10.3682	8.5594	0.0610	4.8603	0.0237	4.8840	1.3141	0.0222	1.3363	0.0000	5,831.417 4	5,831.417 4	0.2742	0.0000	5,838.271 5

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	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682

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3.5 Building Construction - 2036

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2683	9.9028	3.1422	0.0360	0.9808	0.0105	0.9913	0.2832	0.0101	0.2932	0.0000	3,564.564 3	3,564.564 3	0.2342	0.0000	3,570.418 1
Worker	0.7685	0.4654	5.4172	0.0250	3.8795	0.0132	3.8927	1.0309	0.0121	1.0430	0.0000	2,266.853 1	2,266.853 1	0.0400	0.0000	2,267.853 4
Total	1.0368	10.3682	8.5594	0.0610	4.8603	0.0237	4.8840	1.3141	0.0222	1.3363	0.0000	5,831.417 4	5,831.417 4	0.2742	0.0000	5,838.271 5

3.5 Building Construction - 2037

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2037

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2673	9.8650	3.1302	0.0359	0.9771	0.0105	0.9876	0.2821	0.0100	0.2921	0.0000	3,550.9591	3,550.9591	0.2333	0.0000	3,556.7906
Worker	0.7656	0.4637	5.3965	0.0249	3.8647	0.0131	3.8779	1.0270	0.0121	1.0391	0.0000	2,258.2010	2,258.2010	0.0399	0.0000	2,259.1974
Total	1.0328	10.3286	8.5267	0.0608	4.8418	0.0236	4.8654	1.3091	0.0221	1.3312	0.0000	5,809.1601	5,809.1601	0.2731	0.0000	5,815.9880

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2037

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2673	9.8650	3.1302	0.0359	0.9771	0.0105	0.9876	0.2821	0.0100	0.2921	0.0000	3,550.9591	3,550.9591	0.2333	0.0000	3,556.7906
Worker	0.7656	0.4637	5.3965	0.0249	3.8647	0.0131	3.8779	1.0270	0.0121	1.0391	0.0000	2,258.2010	2,258.2010	0.0399	0.0000	2,259.1974
Total	1.0328	10.3286	8.5267	0.0608	4.8418	0.0236	4.8654	1.3091	0.0221	1.3312	0.0000	5,809.1601	5,809.1601	0.2731	0.0000	5,815.9880

3.5 Building Construction - 2038

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2038

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2673	9.8650	3.1302	0.0359	0.9771	0.0105	0.9876	0.2821	0.0100	0.2921	0.0000	3,550.9591	3,550.9591	0.2333	0.0000	3,556.7906
Worker	0.7656	0.4637	5.3965	0.0249	3.8647	0.0131	3.8779	1.0270	0.0121	1.0391	0.0000	2,258.2010	2,258.2010	0.0399	0.0000	2,259.1974
Total	1.0328	10.3286	8.5267	0.0608	4.8418	0.0236	4.8654	1.3091	0.0221	1.3312	0.0000	5,809.1601	5,809.1601	0.2731	0.0000	5,815.9880

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2038

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2673	9.8650	3.1302	0.0359	0.9771	0.0105	0.9876	0.2821	0.0100	0.2921	0.0000	3,550.9591	3,550.9591	0.2333	0.0000	3,556.7906
Worker	0.7656	0.4637	5.3965	0.0249	3.8647	0.0131	3.8779	1.0270	0.0121	1.0391	0.0000	2,258.2010	2,258.2010	0.0399	0.0000	2,259.1974
Total	1.0328	10.3286	8.5267	0.0608	4.8418	0.0236	4.8654	1.3091	0.0221	1.3312	0.0000	5,809.1601	5,809.1601	0.2731	0.0000	5,815.9880

3.5 Building Construction - 2039

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	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375

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3.5 Building Construction - 2039

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2662	9.8272	3.1182	0.0357	0.9733	0.0105	0.9838	0.2810	9.9900e-003	0.2910	0.0000	3,537.3539	3,537.3539	0.2324	0.0000	3,543.1630
Worker	0.7627	0.4619	5.3759	0.0248	3.8499	0.0131	3.8630	1.0230	0.0120	1.0351	0.0000	2,249.5489	2,249.5489	0.0397	0.0000	2,250.5415
Total	1.0289	10.2890	8.4941	0.0606	4.8232	0.0235	4.8468	1.3041	0.0220	1.3261	0.0000	5,786.9028	5,786.9028	0.2721	0.0000	5,793.7045

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	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371

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3.5 Building Construction - 2039

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2662	9.8272	3.1182	0.0357	0.9733	0.0105	0.9838	0.2810	9.9900e-003	0.2910	0.0000	3,537.3539	3,537.3539	0.2324	0.0000	3,543.1630
Worker	0.7627	0.4619	5.3759	0.0248	3.8499	0.0131	3.8630	1.0230	0.0120	1.0351	0.0000	2,249.5489	2,249.5489	0.0397	0.0000	2,250.5415
Total	1.0289	10.2890	8.4941	0.0606	4.8232	0.0235	4.8468	1.3041	0.0220	1.3261	0.0000	5,786.9028	5,786.9028	0.2721	0.0000	5,793.7045

3.5 Building Construction - 2040

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2040

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2040

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

3.5 Building Construction - 2041

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2041

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2041

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

3.5 Building Construction - 2042

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2042

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2042

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

3.5 Building Construction - 2043

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2043

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2043

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

3.5 Building Construction - 2044

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2044

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2044

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2636	9.6957	3.0942	0.0358	0.9771	0.0102	0.9873	0.2821	9.7300e-003	0.2918	0.0000	3,547.2556	3,547.2556	0.2303	0.0000	3,553.0142
Worker	0.6073	0.4042	4.7021	0.0239	3.8647	0.0102	3.8749	1.0270	9.3400e-003	1.0363	0.0000	2,168.2357	2,168.2357	0.0344	0.0000	2,169.0954
Total	0.8709	10.0999	7.7963	0.0597	4.8418	0.0203	4.8621	1.3091	0.0191	1.3281	0.0000	5,715.4913	5,715.4913	0.2647	0.0000	5,722.1096

3.5 Building Construction - 2045

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	tons/yr										MT/yr					
Off-Road	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7194	341.7194	0.0123	0.0000	342.0264
Total	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7194	341.7194	0.0123	0.0000	342.0264

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3.5 Building Construction - 2045

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2604	9.5945	3.0329	0.0356	0.9734	9.9900e-003	0.9834	0.2810	9.5500e-003	0.2906	0.0000	3,524.4010	3,524.4010	0.2239	0.0000	3,529.9996
Worker	0.5396	0.3814	4.4168	0.0235	3.8499	8.8900e-003	3.8588	1.0230	8.1800e-003	1.0312	0.0000	2,125.7151	2,125.7151	0.0325	0.0000	2,126.5272
Total	0.8000	9.9759	7.4497	0.0591	4.8233	0.0189	4.8422	1.3041	0.0177	1.3218	0.0000	5,650.1161	5,650.1161	0.2564	0.0000	5,656.5268

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	tons/yr										MT/yr					
Off-Road	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7190	341.7190	0.0123	0.0000	342.0260
Total	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7190	341.7190	0.0123	0.0000	342.0260

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3.5 Building Construction - 2045

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2604	9.5945	3.0329	0.0356	0.9734	9.9900e-003	0.9834	0.2810	9.5500e-003	0.2906	0.0000	3,524.4010	3,524.4010	0.2239	0.0000	3,529.9996
Worker	0.5396	0.3814	4.4168	0.0235	3.8499	8.8900e-003	3.8588	1.0230	8.1800e-003	1.0312	0.0000	2,125.7151	2,125.7151	0.0325	0.0000	2,126.5272
Total	0.8000	9.9759	7.4497	0.0591	4.8233	0.0189	4.8422	1.3041	0.0177	1.3218	0.0000	5,650.1161	5,650.1161	0.2564	0.0000	5,656.5268

3.5 Building Construction - 2046

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2046

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2614	9.6314	3.0446	0.0357	0.9771	0.0100	0.9871	0.2821	9.5800e-003	0.2917	0.0000	3,537.9564	3,537.9564	0.2248	0.0000	3,543.5765
Worker	0.5417	0.3828	4.4338	0.0236	3.8647	8.9300e-003	3.8737	1.0270	8.2100e-003	1.0352	0.0000	2,133.8910	2,133.8910	0.0326	0.0000	2,134.7061
Total	0.8031	10.0143	7.4784	0.0593	4.8418	0.0190	4.8608	1.3091	0.0178	1.3269	0.0000	5,671.8473	5,671.8473	0.2574	0.0000	5,678.2826

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2046

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2614	9.6314	3.0446	0.0357	0.9771	0.0100	0.9871	0.2821	9.5800e-003	0.2917	0.0000	3,537.9564	3,537.9564	0.2248	0.0000	3,543.5765
Worker	0.5417	0.3828	4.4338	0.0236	3.8647	8.9300e-003	3.8737	1.0270	8.2100e-003	1.0352	0.0000	2,133.8910	2,133.8910	0.0326	0.0000	2,134.7061
Total	0.8031	10.0143	7.4784	0.0593	4.8418	0.0190	4.8608	1.3091	0.0178	1.3269	0.0000	5,671.8473	5,671.8473	0.2574	0.0000	5,678.2826

3.5 Building Construction - 2047

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2047

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2614	9.6314	3.0446	0.0357	0.9771	0.0100	0.9871	0.2821	9.5800e-003	0.2917	0.0000	3,537.9564	3,537.9564	0.2248	0.0000	3,543.5765
Worker	0.5417	0.3828	4.4338	0.0236	3.8647	8.9300e-003	3.8737	1.0270	8.2100e-003	1.0352	0.0000	2,133.8910	2,133.8910	0.0326	0.0000	2,134.7061
Total	0.8031	10.0143	7.4784	0.0593	4.8418	0.0190	4.8608	1.3091	0.0178	1.3269	0.0000	5,671.8473	5,671.8473	0.2574	0.0000	5,678.2826

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2047

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2614	9.6314	3.0446	0.0357	0.9771	0.0100	0.9871	0.2821	9.5800e-003	0.2917	0.0000	3,537.9564	3,537.9564	0.2248	0.0000	3,543.5765
Worker	0.5417	0.3828	4.4338	0.0236	3.8647	8.9300e-003	3.8737	1.0270	8.2100e-003	1.0352	0.0000	2,133.8910	2,133.8910	0.0326	0.0000	2,134.7061
Total	0.8031	10.0143	7.4784	0.0593	4.8418	0.0190	4.8608	1.3091	0.0178	1.3269	0.0000	5,671.8473	5,671.8473	0.2574	0.0000	5,678.2826

3.5 Building Construction - 2048

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	tons/yr										MT/yr					
Off-Road	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3480	344.3480	0.0124	0.0000	344.6574
Total	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3480	344.3480	0.0124	0.0000	344.6574

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3.5 Building Construction - 2048

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2624	9.6683	3.0562	0.0359	0.9809	0.0101	0.9909	0.2832	9.6200e-003	0.2928	0.0000	3,551.5118	3,551.5118	0.2257	0.0000	3,557.1534
Worker	0.5437	0.3843	4.4508	0.0236	3.8795	8.9600e-003	3.8885	1.0309	8.2400e-003	1.0392	0.0000	2,142.0668	2,142.0668	0.0327	0.0000	2,142.8851
Total	0.8062	10.0526	7.5070	0.0595	4.8604	0.0190	4.8794	1.3141	0.0179	1.3320	0.0000	5,693.5786	5,693.5786	0.2584	0.0000	5,700.0385

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	tons/yr										MT/yr					
Off-Road	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3476	344.3476	0.0124	0.0000	344.6569
Total	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3476	344.3476	0.0124	0.0000	344.6569

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3.5 Building Construction - 2048

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2624	9.6683	3.0562	0.0359	0.9809	0.0101	0.9909	0.2832	9.6200e-003	0.2928	0.0000	3,551.5118	3,551.5118	0.2257	0.0000	3,557.1534
Worker	0.5437	0.3843	4.4508	0.0236	3.8795	8.9600e-003	3.8885	1.0309	8.2400e-003	1.0392	0.0000	2,142.0668	2,142.0668	0.0327	0.0000	2,142.8851
Total	0.8062	10.0526	7.5070	0.0595	4.8604	0.0190	4.8794	1.3141	0.0179	1.3320	0.0000	5,693.5786	5,693.5786	0.2584	0.0000	5,700.0385

3.5 Building Construction - 2049

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	tons/yr										MT/yr					
Off-Road	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8617	308.8617	0.0111	0.0000	309.1392
Total	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8617	308.8617	0.0111	0.0000	309.1392

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3.5 Building Construction - 2049

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2354	8.6720	2.7413	0.0322	0.8798	9.0300e-003	0.8888	0.2540	8.6300e-003	0.2626	0.0000	3,185.5163	3,185.5163	0.2024	0.0000	3,190.5766
Worker	0.4877	0.3447	3.9921	0.0212	3.4797	8.0400e-003	3.4878	0.9247	7.3900e-003	0.9321	0.0000	1,921.3194	1,921.3194	0.0294	0.0000	1,922.0534
Total	0.7231	9.0167	6.7334	0.0534	4.3595	0.0171	4.3766	1.1787	0.0160	1.1947	0.0000	5,106.8357	5,106.8357	0.2318	0.0000	5,112.6300

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	tons/yr										MT/yr					
Off-Road	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8614	308.8614	0.0111	0.0000	309.1389
Total	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8614	308.8614	0.0111	0.0000	309.1389

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3.5 Building Construction - 2049

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2354	8.6720	2.7413	0.0322	0.8798	9.0300e-003	0.8888	0.2540	8.6300e-003	0.2626	0.0000	3,185.5163	3,185.5163	0.2024	0.0000	3,190.5766
Worker	0.4877	0.3447	3.9921	0.0212	3.4797	8.0400e-003	3.4878	0.9247	7.3900e-003	0.9321	0.0000	1,921.3194	1,921.3194	0.0294	0.0000	1,922.0534
Total	0.7231	9.0167	6.7334	0.0534	4.3595	0.0171	4.3766	1.1787	0.0160	1.1947	0.0000	5,106.8357	5,106.8357	0.2318	0.0000	5,112.6300

3.6 Paving - 2048

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	tons/yr										MT/yr					
Off-Road	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0449	253.0449	8.5000e-003	0.0000	253.2575
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0449	253.0449	8.5000e-003	0.0000	253.2575

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3.6 Paving - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764
Total	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764

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	tons/yr										MT/yr					
Off-Road	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0446	253.0446	8.5000e-003	0.0000	253.2572
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0446	253.0446	8.5000e-003	0.0000	253.2572

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3.6 Paving - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764
Total	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764

3.6 Paving - 2049

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	tons/yr										MT/yr					
Off-Road	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1693	283.1693	9.5200e-003	0.0000	283.4072
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1693	283.1693	9.5200e-003	0.0000	283.4072

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3.6 Paving - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069
Total	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069

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	tons/yr										MT/yr					
Off-Road	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1690	283.1690	9.5200e-003	0.0000	283.4069
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1690	283.1690	9.5200e-003	0.0000	283.4069

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3.6 Paving - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069
Total	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069

3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
Archit. Coating	25.1980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8092	26.8092	9.4000e-004	0.0000	26.8328
Total	25.2100	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8092	26.8092	9.4000e-004	0.0000	26.8328

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3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.0872	0.0616	0.7139	3.7900e-003	0.6223	1.4400e-003	0.6237	0.1654	1.3200e-003	0.1667	0.0000	343.5707	343.5707	5.2500e-003	0.0000	343.7020
Total	0.0872	0.0616	0.7139	3.7900e-003	0.6223	1.4400e-003	0.6237	0.1654	1.3200e-003	0.1667	0.0000	343.5707	343.5707	5.2500e-003	0.0000	343.7020

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	tons/yr										MT/yr					
Archit. Coating	25.1980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8091	26.8091	9.4000e-004	0.0000	26.8327
Total	25.2100	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8091	26.8091	9.4000e-004	0.0000	26.8327

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3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.0872	0.0616	0.7139	3.7900e-003	0.6223	1.4400e-003	0.6237	0.1654	1.3200e-003	0.1667	0.0000	343.5707	343.5707	5.2500e-003	0.0000	343.7020
Total	0.0872	0.0616	0.7139	3.7900e-003	0.6223	1.4400e-003	0.6237	0.1654	1.3200e-003	0.1667	0.0000	343.5707	343.5707	5.2500e-003	0.0000	343.7020

3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
Archit. Coating	28.1977					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271
Total	28.2112	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271

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3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.0976	0.0690	0.7989	4.2400e-003	0.6963	1.6100e-003	0.6979	0.1850	1.4800e-003	0.1865	0.0000	384.4720	384.4720	5.8700e-003	0.0000	384.6189
Total	0.0976	0.0690	0.7989	4.2400e-003	0.6963	1.6100e-003	0.6979	0.1850	1.4800e-003	0.1865	0.0000	384.4720	384.4720	5.8700e-003	0.0000	384.6189

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	tons/yr										MT/yr					
Archit. Coating	28.1977					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271
Total	28.2112	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271

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3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.0976	0.0690	0.7989	4.2400e-003	0.6963	1.6100e-003	0.6979	0.1850	1.4800e-003	0.1865	0.0000	384.4720	384.4720	5.8700e-003	0.0000	384.6189
Total	0.0976	0.0690	0.7989	4.2400e-003	0.6963	1.6100e-003	0.6979	0.1850	1.4800e-003	0.1865	0.0000	384.4720	384.4720	5.8700e-003	0.0000	384.6189

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.5636	5.0058	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.445 2	5,577.445 2	0.1069	0.1023	5,610.589 1
NaturalGas Unmitigated	0.5636	5.0058	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.445 2	5,577.445 2	0.1069	0.1023	5,610.589 1

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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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.33452e+007	0.3416	3.1052	2.6083	0.0186		0.2360	0.2360		0.2360	0.2360	0.0000	3,380.3432	3,380.3432	0.0648	0.0620	3,400.4309
Single Family Housing	2.20165e+007	0.1187	1.0145	0.4317	6.4800e-003		0.0820	0.0820		0.0820	0.0820	0.0000	1,174.8835	1,174.8835	0.0225	0.0215	1,181.8653
Total		0.5636	5.0058	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.4452	5,577.4452	0.1069	0.1023	5,610.5891

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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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.33452e+007	0.3416	3.1052	2.6083	0.0186		0.2360	0.2360		0.2360	0.2360	0.0000	3,380.3432	3,380.3432	0.0648	0.0620	3,400.4309
Single Family Housing	2.20165e+007	0.1187	1.0145	0.4317	6.4800e-003		0.0820	0.0820		0.0820	0.0820	0.0000	1,174.8835	1,174.8835	0.0225	0.0215	1,181.8653
Total		0.5636	5.0058	3.4413	0.0307		0.3894	0.3894		0.3894	0.3894	0.0000	5,577.4452	5,577.4452	0.1069	0.1023	5,610.5891

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	4.95566e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.32033e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	4.95566e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.32033e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	298.9175	5.3283	344.9371	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.816 0
Unmitigated	298.9175	5.3283	344.9371	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.816 0

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	tons/yr										MT/yr					
Architectural Coating	5.3396					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	37.6123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	255.0633	4.9811	314.8479	0.5704		44.1447	44.1447		44.1447	44.1447	4,198.973 1	1,760.988 1	5,959.9611	3.8750	0.3303	6,155.258 7
Landscaping	0.9023	0.3472	30.0891	1.6000e-003		0.1675	0.1675		0.1675	0.1675	0.0000	49.3792	49.3792	0.0471	0.0000	50.5573
Total	298.9175	5.3283	344.9371	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.973 1	1,810.367 2	6,009.340 3	3.9221	0.3303	6,205.816 0

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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	tons/yr										MT/yr					
Architectural Coating	5.3396					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	37.6123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	255.0633	4.9811	314.8479	0.5704		44.1447	44.1447		44.1447	44.1447	4,198.9731	1,760.9881	5,959.9611	3.8750	0.3303	6,155.2587
Landscaping	0.9023	0.3472	30.0891	1.6000e-003		0.1675	0.1675		0.1675	0.1675	0.0000	49.3792	49.3792	0.0471	0.0000	50.5573
Total	298.9175	5.3283	344.9371	0.5720		44.3122	44.3122		44.3122	44.3122	4,198.9731	1,810.3672	6,009.3403	3.9221	0.3303	6,205.8160

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	324.6231	33.3419	0.7873	1,392.7786
Unmitigated	324.6231	33.3419	0.7873	1,392.7786

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	49.5675	5.0911	0.1202	212.6670
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	731.552 / 448.371	232.0877	23.8376	0.5629	995.7604
Single Family Housing	108.612 / 68.4726	34.4575	3.5391	0.0836	147.8381
Total		324.6231	33.3419	0.7873	1,392.7786

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	49.5675	5.0911	0.1202	212.6670
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	731.552 / 448.371	232.0877	23.8376	0.5629	995.7604
Single Family Housing	108.612 / 68.4726	34.4575	3.5391	0.0836	147.8381
Total		324.6231	33.3419	0.7873	1,392.7786

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,426.9615	84.3310	0.0000	3,535.2368
Unmitigated	1,426.9615	84.3310	0.0000	3,535.2368

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3827.88	777.0251	45.9209	0.0000	1,925.0467
Single Family Housing	1954.88	396.8230	23.4516	0.0000	983.1121
Total		1,426.9615	84.3310	0.0000	3,535.2367

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3827.88	777.0251	45.9209	0.0000	1,925.0467
Single Family Housing	1954.88	396.8230	23.4516	0.0000	983.1121
Total		1,426.9615	84.3310	0.0000	3,535.2367

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

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Equipment Type	Number
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11.0 Vegetation

General Plan Build Out - 2050 - San Diego County, Summer

General Plan Build Out - 2050
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,116.00	1000sqft	94.49	4,116,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,667.00	Dwelling Unit	541.23	3,000,600.00	4768

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	880.00	445.00
tblConstructionPhase	NumDays	12,400.00	6,266.00
tblConstructionPhase	NumDays	800.00	404.00
tblConstructionPhase	NumDays	1,240.00	627.00
tblConstructionPhase	NumDays	880.00	445.00
tblConstructionPhase	NumDays	480.00	243.00
tblConstructionPhase	PhaseEndDate	12/7/2084	11/25/2049

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tblConstructionPhase	PhaseEndDate	3/10/2078	11/25/2049
tblConstructionPhase	PhaseEndDate	1/25/2024	7/20/2022
tblConstructionPhase	PhaseEndDate	8/29/2030	11/19/2025
tblConstructionPhase	PhaseEndDate	7/24/2081	11/25/2049
tblConstructionPhase	PhaseEndDate	11/27/2025	6/26/2023
tblConstructionPhase	PhaseStartDate	7/25/2081	3/13/2048
tblConstructionPhase	PhaseStartDate	8/30/2030	11/20/2025
tblConstructionPhase	PhaseStartDate	11/28/2025	6/27/2023
tblConstructionPhase	PhaseStartDate	3/11/2078	3/13/2048
tblConstructionPhase	PhaseStartDate	1/26/2024	7/21/2022
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00

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tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	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					
2021	3.2170	31.4744	21.9629	0.0401	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,870.1111	3,870.1111	1.0584	0.0000	3,896.5706
2022	3.2290	33.1204	20.9640	0.0400	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,864.4651	3,864.4651	1.1960	0.0000	3,890.8559
2023	3.3837	34.5530	28.5094	0.0636	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,162.3911	6,162.3911	1.9481	0.0000	6,211.0945
2024	3.2770	32.4113	28.1512	0.0635	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,154.7161	6,154.7161	1.9473	0.0000	6,203.3976
2025	14.0195	101.3630	114.1014	0.5738	37.9732	1.1319	38.7904	10.2450	1.0414	11.0113	0.0000	59,576.2022	59,576.2022	3.2521	0.0000	59,657.5044
2026	13.5231	99.7762	109.3724	0.5623	37.9731	0.8086	38.7818	10.2450	0.7582	11.0032	0.0000	58,453.7905	58,453.7905	3.1911	0.0000	58,533.5676
2027	13.0374	98.2870	105.1930	0.5521	37.9731	0.7964	38.7695	10.2450	0.7468	10.9918	0.0000	57,459.2546	57,459.2546	3.1381	0.0000	57,537.7078
2028	12.5409	97.0258	101.6607	0.5432	37.9731	0.7815	38.7546	10.2450	0.7330	10.9780	0.0000	56,593.4837	56,593.4837	3.0922	0.0000	56,670.7889

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	12.0094	95.7620	98.2825	0.5353	37.9731	0.7676	38.7407	10.2450	0.7202	10.9652	0.0000	55,818.72 51	55,818.72 51	3.0529	0.0000	55,895.04 83
2030	11.3837	90.1231	95.2198	0.5324	37.9731	0.3757	38.3488	10.2450	0.3605	10.6055	0.0000	55,488.10 90	55,488.10 90	2.5321	0.0000	55,551.41 05
2031	10.7914	89.1507	92.2562	0.5264	37.9731	0.3644	38.3375	10.2450	0.3501	10.5950	0.0000	54,904.49 43	54,904.49 43	2.4990	0.0000	54,966.96 82
2032	10.2694	88.2996	89.7339	0.5213	37.9731	0.3542	38.3273	10.2450	0.3406	10.5856	0.0000	54,409.89 74	54,409.89 74	2.4717	0.0000	54,471.69 07
2033	9.8159	87.5460	87.5683	0.5170	37.9731	0.3449	38.3180	10.2450	0.3320	10.5770	0.0000	53,987.94 19	53,987.94 19	2.4485	0.0000	54,049.15 54
2034	9.4244	86.8968	85.4735	0.5133	37.9732	0.3362	38.3094	10.2450	0.3240	10.5690	0.0000	53,630.37 93	53,630.37 93	2.4277	0.0000	53,691.07 16
2035	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2036	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2037	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2038	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2039	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2040	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2041	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2042	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2043	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2044	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2045	7.2161	82.9970	75.2843	0.4980	37.9736	0.2187	38.1923	10.2452	0.2098	10.4550	0.0000	52,117.830 2	52,117.830 2	2.2635	0.0000	52,174.41 65
2046	7.2161	82.9970	75.2843	0.4980	37.9736	0.2187	38.1923	10.2452	0.2098	10.4550	0.0000	52,117.830 2	52,117.830 2	2.2635	0.0000	52,174.41 65

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2047	7.2161	82.9970	75.2843	0.4980	37.9736	0.2187	38.1923	10.2452	0.2098	10.4550	0.0000	52,117.830 2	52,117.830 2	2.2635	0.0000	52,174.41 65
2048	249.1517	87.9254	100.4158	0.5678	44.1676	0.3565	44.5241	11.8881	0.3465	12.2346	0.0000	58,939.08 89	58,939.08 89	2.4225	0.0000	58,999.65 14
2049	249.1517	87.9254	100.4158	0.5678	44.1676	0.3565	44.5241	11.8881	0.3465	12.2346	0.0000	58,939.08 89	58,939.08 89	2.4225	0.0000	58,999.65 14
Maximum	249.1517	101.3630	114.1014	0.5738	44.1676	1.6136	44.5241	11.8881	1.4845	12.2346	0.0000	59,576.20 22	59,576.20 22	3.2521	0.0000	59,657.50 44

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	3.2170	31.4744	21.9629	0.0401	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,870.1111	3,870.1111	1.0584	0.0000	3,896.570 6
2022	3.2290	33.1204	20.9640	0.0400	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,864.465 1	3,864.465 1	1.1960	0.0000	3,890.855 9
2023	3.3837	34.5530	28.5094	0.0636	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,162.3911	6,162.3911	1.9481	0.0000	6,211.0945
2024	3.2770	32.4113	28.1512	0.0635	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,154.716 1	6,154.716 1	1.9473	0.0000	6,203.397 6
2025	14.0195	101.3630	114.1014	0.5738	37.9732	1.1319	38.7904	10.2450	1.0414	11.0113	0.0000	59,576.20 22	59,576.20 22	3.2521	0.0000	59,657.50 44
2026	13.5231	99.7762	109.3724	0.5623	37.9731	0.8086	38.7818	10.2450	0.7582	11.0032	0.0000	58,453.79 05	58,453.79 05	3.1911	0.0000	58,533.56 76
2027	13.0374	98.2870	105.1930	0.5521	37.9731	0.7964	38.7695	10.2450	0.7468	10.9918	0.0000	57,459.25 46	57,459.25 46	3.1381	0.0000	57,537.70 78
2028	12.5409	97.0258	101.6607	0.5432	37.9731	0.7815	38.7546	10.2450	0.7330	10.9780	0.0000	56,593.48 37	56,593.48 37	3.0922	0.0000	56,670.78 89

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	12.0094	95.7620	98.2825	0.5353	37.9731	0.7676	38.7407	10.2450	0.7202	10.9652	0.0000	55,818.72 51	55,818.72 51	3.0529	0.0000	55,895.04 83
2030	11.3837	90.1231	95.2198	0.5324	37.9731	0.3757	38.3488	10.2450	0.3605	10.6055	0.0000	55,488.10 90	55,488.10 90	2.5321	0.0000	55,551.41 05
2031	10.7914	89.1507	92.2562	0.5264	37.9731	0.3644	38.3375	10.2450	0.3501	10.5950	0.0000	54,904.49 43	54,904.49 43	2.4990	0.0000	54,966.96 82
2032	10.2694	88.2996	89.7339	0.5213	37.9731	0.3542	38.3273	10.2450	0.3406	10.5856	0.0000	54,409.89 74	54,409.89 74	2.4717	0.0000	54,471.69 07
2033	9.8159	87.5460	87.5683	0.5170	37.9731	0.3449	38.3180	10.2450	0.3320	10.5770	0.0000	53,987.94 19	53,987.94 19	2.4485	0.0000	54,049.15 54
2034	9.4244	86.8968	85.4735	0.5133	37.9732	0.3362	38.3094	10.2450	0.3240	10.5690	0.0000	53,630.37 93	53,630.37 93	2.4277	0.0000	53,691.07 16
2035	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2036	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2037	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2038	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2039	8.9943	85.5878	83.6305	0.5102	37.9732	0.2709	38.2441	10.2450	0.2593	10.5043	0.0000	53,331.28 86	53,331.28 86	2.4005	0.0000	53,391.30 10
2040	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2041	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2042	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2043	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2044	7.7388	83.6317	77.7931	0.5017	37.9734	0.2292	38.2026	10.2451	0.2195	10.4646	0.0000	52,502.53 49	52,502.53 49	2.3251	0.0000	52,560.66 19
2045	7.2161	82.9970	75.2843	0.4980	37.9736	0.2187	38.1923	10.2452	0.2098	10.4550	0.0000	52,117.830 2	52,117.830 2	2.2635	0.0000	52,174.41 65
2046	7.2161	82.9970	75.2843	0.4980	37.9736	0.2187	38.1923	10.2452	0.2098	10.4550	0.0000	52,117.830 2	52,117.830 2	2.2635	0.0000	52,174.41 65

General Plan Build Out - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2047	7.2161	82.9970	75.2843	0.4980	37.9736	0.2187	38.1923	10.2452	0.2098	10.4550	0.0000	52,117.830 2	52,117.830 2	2.2635	0.0000	52,174.41 65
2048	249.1517	87.9254	100.4158	0.5678	44.1676	0.3565	44.5241	11.8881	0.3465	12.2346	0.0000	58,939.08 89	58,939.08 89	2.4225	0.0000	58,999.65 14
2049	249.1517	87.9254	100.4158	0.5678	44.1676	0.3565	44.5241	11.8881	0.3465	12.2346	0.0000	58,939.08 89	58,939.08 89	2.4225	0.0000	58,999.65 14
Maximum	249.1517	101.3630	114.1014	0.5738	44.1676	1.6136	44.5241	11.8881	1.4845	12.2346	0.0000	59,576.20 22	59,576.20 22	3.2521	0.0000	59,657.50 44

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

General Plan Build Out - 2050 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,466.434 1	125.3479	8,013.5411	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013
Energy	3.0881	27.4291	18.8566	0.1684		2.1336	2.1336		2.1336	2.1336		33,688.114 4	33,688.114 4	0.6457	0.6176	33,888.30 60
Mobile	0.0000	0.0000	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	6,469.522 2	152.7770	8,032.397 6	14.0988	0.0000	1,080.694 4	1,080.694 4	0.0000	1,080.694 4	1,080.6944	112,892.0 854	81,638.19 98	194,530.2 852	105.4035	9.4974	199,995.6 073

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,466.434 1	125.3479	8,013.5411	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013
Energy	3.0881	27.4291	18.8566	0.1684		2.1336	2.1336		2.1336	2.1336		33,688.114 4	33,688.114 4	0.6457	0.6176	33,888.30 60
Mobile	0.0000	0.0000	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	6,469.522 2	152.7770	8,032.397 6	14.0988	0.0000	1,080.694 4	1,080.694 4	0.0000	1,080.694 4	1,080.6944	112,892.0 854	81,638.19 98	194,530.2 852	105.4035	9.4974	199,995.6 073

General Plan Build Out - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1567.5

Acres of Paving: 0

Residential Indoor: 10,932,165; Residential Outdoor: 3,644,055; Non-Residential Indoor: 6,348,000; Non-Residential Outdoor: 2,116,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

General Plan Build Out - 2050 - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

General Plan Build Out - 2050 - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,693.00	1,128.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	739.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

General Plan Build Out - 2050 - San Diego County, Summer

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

General Plan Build Out - 2050 - San Diego County, Summer

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920

General Plan Build Out - 2050 - San Diego County, Summer

3.2 Demolition - 2022

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	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

General Plan Build Out - 2050 - San Diego County, Summer

3.2 Demolition - 2022

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	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

General Plan Build Out - 2050 - San Diego County, Summer

3.3 Site Preparation - 2022

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	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

General Plan Build Out - 2050 - San Diego County, Summer

3.3 Site Preparation - 2022

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	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954		3,687.3081	3,687.3081	1.1926		3,717.1219

General Plan Build Out - 2050 - San Diego County, Summer

3.3 Site Preparation - 2023

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	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099
Total	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

General Plan Build Out - 2050 - San Diego County, Summer

3.3 Site Preparation - 2023

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	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099
Total	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070		6,011.4777	6,011.4777	1.9442		6,060.0836

General Plan Build Out - 2050 - San Diego County, Summer

3.4 Grading - 2023

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	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

General Plan Build Out - 2050 - San Diego County, Summer

3.4 Grading - 2023

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	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251		6,009.7487	6,009.7487	1.9437		6,058.3405

General Plan Build Out - 2050 - San Diego County, Summer

3.4 Grading - 2024

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	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

General Plan Build Out - 2050 - San Diego County, Summer

3.4 Grading - 2024

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	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571

3.4 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369		6,008.2814	6,008.2814	1.9432		6,056.8614

General Plan Build Out - 2050 - San Diego County, Summer

3.4 Grading - 2025

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	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851
Total	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

General Plan Build Out - 2050 - San Diego County, Summer

3.4 Grading - 2025

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	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851
Total	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2025

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	2.2902	83.0472	24.1225	0.2893	7.6360	0.0955	7.7316	2.1982	0.0913	2.2895		31,334.48 36	31,334.48 36	2.0396		31,385.47 38
Worker	10.3619	5.8461	73.8943	0.2576	30.3371	0.1942	30.5313	8.0468	0.1788	8.2256		25,685.24 42	25,685.24 42	0.6115		25,700.53 25
Total	12.6521	88.8934	98.0167	0.5469	37.9732	0.2897	38.2629	10.2450	0.2700	10.5150		57,019.72 79	57,019.72 79	2.6511		57,086.00 64

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2025

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	2.2902	83.0472	24.1225	0.2893	7.6360	0.0955	7.7316	2.1982	0.0913	2.2895		31,334.48 36	31,334.48 36	2.0396		31,385.47 38
Worker	10.3619	5.8461	73.8943	0.2576	30.3371	0.1942	30.5313	8.0468	0.1788	8.2256		25,685.24 42	25,685.24 42	0.6115		25,700.53 25
Total	12.6521	88.8934	98.0167	0.5469	37.9732	0.2897	38.2629	10.2450	0.2700	10.5150		57,019.72 79	57,019.72 79	2.6511		57,086.00 64

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2026

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	2.2320	81.8684	23.7912	0.2873	7.6360	0.0929	7.7289	2.1982	0.0888	2.2870		31,152.94 92	31,152.94 92	2.0200		31,203.45 04
Worker	9.9237	5.4381	69.4965	0.2481	30.3371	0.1882	30.5253	8.0468	0.1732	8.2200		24,744.36 69	24,744.36 69	0.5701		24,758.61 91
Total	12.1557	87.3065	93.2877	0.5354	37.9731	0.2811	38.2542	10.2450	0.2620	10.5070		55,897.31 61	55,897.31 61	2.5901		55,962.06 95

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2026

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	2.2320	81.8684	23.7912	0.2873	7.6360	0.0929	7.7289	2.1982	0.0888	2.2870		31,152.9492	31,152.9492	2.0200		31,203.4504
Worker	9.9237	5.4381	69.4965	0.2481	30.3371	0.1882	30.5253	8.0468	0.1732	8.2200		24,744.3669	24,744.3669	0.5701		24,758.6191
Total	12.1557	87.3065	93.2877	0.5354	37.9731	0.2811	38.2542	10.2450	0.2620	10.5070		55,897.3161	55,897.3161	2.5901		55,962.0695

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2027

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	2.1830	80.7405	23.5086	0.2854	7.6360	0.0908	7.7268	2.1982	0.0868	2.2850		30,986.88 73	30,986.88 73	2.0032		31,036.96 67
Worker	9.4870	5.0768	65.5997	0.2398	30.3371	0.1780	30.5151	8.0468	0.1638	8.2106		23,915.89 30	23,915.89 30	0.5340		23,929.24 30
Total	11.6700	85.8173	89.1083	0.5252	37.9731	0.2688	38.2420	10.2450	0.2506	10.4956		54,902.78 02	54,902.78 02	2.5372		54,966.20 97

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2027

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	2.1830	80.7405	23.5086	0.2854	7.6360	0.0908	7.7268	2.1982	0.0868	2.2850		30,986.8873	30,986.8873	2.0032		31,036.9667
Worker	9.4870	5.0768	65.5997	0.2398	30.3371	0.1780	30.5151	8.0468	0.1638	8.2106		23,915.8930	23,915.8930	0.5340		23,929.2430
Total	11.6700	85.8173	89.1083	0.5252	37.9731	0.2688	38.2420	10.2450	0.2506	10.4956		54,902.7802	54,902.7802	2.5372		54,966.2097

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2028

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	2.1446	79.7988	23.3680	0.2838	7.6360	0.0890	7.7250	2.1982	0.0851	2.2833		30,847.68 73	30,847.68 73	1.9878		30,897.38 32
Worker	9.0289	4.7573	62.2081	0.2325	30.3371	0.1649	30.5020	8.0468	0.1517	8.1985		23,189.32 20	23,189.32 20	0.5034		23,201.90 76
Total	11.1735	84.5561	85.5761	0.5163	37.9731	0.2539	38.2270	10.2450	0.2368	10.4818		54,037.00 93	54,037.00 93	2.4913		54,099.29 08

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2028

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	2.1446	79.7988	23.3680	0.2838	7.6360	0.0890	7.7250	2.1982	0.0851	2.2833		30,847.68 73	30,847.68 73	1.9878		30,897.38 32
Worker	9.0289	4.7573	62.2081	0.2325	30.3371	0.1649	30.5020	8.0468	0.1517	8.1985		23,189.32 20	23,189.32 20	0.5034		23,201.90 76
Total	11.1735	84.5561	85.5761	0.5163	37.9731	0.2539	38.2270	10.2450	0.2368	10.4818		54,037.00 93	54,037.00 93	2.4913		54,099.29 08

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2029

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	2.1078	78.8288	23.2080	0.2823	7.6360	0.0870	7.7230	2.1982	0.0831	2.2813		30,711.2696	30,711.2696	1.9768		30,760.6905
Worker	8.5342	4.4635	58.9898	0.2260	30.3371	0.1531	30.4902	8.0468	0.1408	8.1876		22,550.9811	22,550.9811	0.4751		22,562.8597
Total	10.6420	83.2923	82.1978	0.5083	37.9731	0.2400	38.2131	10.2450	0.2239	10.4689		53,262.2508	53,262.2508	2.4520		53,323.5502

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2029

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	2.1078	78.8288	23.2080	0.2823	7.6360	0.0870	7.7230	2.1982	0.0831	2.2813		30,711.2696	30,711.2696	1.9768		30,760.6905
Worker	8.5342	4.4635	58.9898	0.2260	30.3371	0.1531	30.4902	8.0468	0.1408	8.1876		22,550.9811	22,550.9811	0.4751		22,562.8597
Total	10.6420	83.2923	82.1978	0.5083	37.9731	0.2400	38.2131	10.2450	0.2239	10.4689		53,262.2508	53,262.2508	2.4520		53,323.5502

3.5 Building Construction - 2030

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2030

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	2.0794	78.0084	23.1263	0.2810	7.6360	0.0853	7.7213	2.1982	0.0815	2.2797		30,600.47 99	30,600.47 99	1.9673		30,649.66 30
Worker	7.9952	4.1801	55.9365	0.2204	30.3371	0.1422	30.4794	8.0468	0.1308	8.1777		21,990.08 24	21,990.08 24	0.4485		22,001.29 47
Total	10.0746	82.1885	79.0629	0.5014	37.9731	0.2276	38.2007	10.2450	0.2124	10.4574		52,590.56 23	52,590.56 23	2.4158		52,650.95 77

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2030

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	2.0794	78.0084	23.1263	0.2810	7.6360	0.0853	7.7213	2.1982	0.0815	2.2797		30,600.47 99	30,600.47 99	1.9673		30,649.66 30
Worker	7.9952	4.1801	55.9365	0.2204	30.3371	0.1422	30.4794	8.0468	0.1308	8.1777		21,990.08 24	21,990.08 24	0.4485		22,001.29 47
Total	10.0746	82.1885	79.0629	0.5014	37.9731	0.2276	38.2007	10.2450	0.2124	10.4574		52,590.56 23	52,590.56 23	2.4158		52,650.95 77

3.5 Building Construction - 2031

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2031

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	2.0566	77.3001	23.0562	0.2800	7.6360	0.0839	7.7199	2.1982	0.0802	2.2784		30,507.41 35	30,507.41 35	1.9583		30,556.37 04
Worker	7.4257	3.9160	53.0430	0.2154	30.3371	0.1323	30.4695	8.0468	0.1217	8.1685		21,499.53 41	21,499.53 41	0.4244		21,510.14 50
Total	9.4823	81.2160	76.0992	0.4954	37.9731	0.2163	38.1894	10.2450	0.2019	10.4469		52,006.94 75	52,006.94 75	2.3827		52,066.51 54

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2031

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	2.0566	77.3001	23.0562	0.2800	7.6360	0.0839	7.7199	2.1982	0.0802	2.2784		30,507.41 35	30,507.41 35	1.9583		30,556.37 04
Worker	7.4257	3.9160	53.0430	0.2154	30.3371	0.1323	30.4695	8.0468	0.1217	8.1685		21,499.53 41	21,499.53 41	0.4244		21,510.14 50
Total	9.4823	81.2160	76.0992	0.4954	37.9731	0.2163	38.1894	10.2450	0.2019	10.4469		52,006.94 75	52,006.94 75	2.3827		52,066.51 54

3.5 Building Construction - 2032

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2032

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	2.0383	76.6689	23.0260	0.2792	7.6360	0.0828	7.7188	2.1982	0.0791	2.2773		30,438.47 32	30,438.47 32	1.9508		30,487.24 31
Worker	6.9219	3.6960	50.5509	0.2112	30.3371	0.1233	30.4604	8.0468	0.1134	8.1602		21,073.87 75	21,073.87 75	0.4047		21,083.99 48
Total	8.9603	80.3650	73.5770	0.4903	37.9731	0.2060	38.1791	10.2450	0.1924	10.4374		51,512.35 07	51,512.35 07	2.3555		51,571.23 78

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2032

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	2.0383	76.6689	23.0260	0.2792	7.6360	0.0828	7.7188	2.1982	0.0791	2.2773		30,438.47 32	30,438.47 32	1.9508		30,487.24 31
Worker	6.9219	3.6960	50.5509	0.2112	30.3371	0.1233	30.4604	8.0468	0.1134	8.1602		21,073.87 75	21,073.87 75	0.4047		21,083.99 48
Total	8.9603	80.3650	73.5770	0.4903	37.9731	0.2060	38.1791	10.2450	0.1924	10.4374		51,512.35 07	51,512.35 07	2.3555		51,571.23 78

3.5 Building Construction - 2033

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2033

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	2.0253	76.1018	23.0129	0.2785	7.6360	0.0817	7.7177	2.1982	0.0781	2.2762		30,383.05 16	30,383.05 16	1.9446		30,431.66 56
Worker	6.4815	3.5095	48.3984	0.2075	30.3371	0.1150	30.4522	8.0468	0.1058	8.1526		20,707.34 36	20,707.34 36	0.3877		20,717.03 70
Total	8.5068	79.6113	71.4113	0.4860	37.9731	0.1967	38.1699	10.2450	0.1839	10.4289		51,090.39 51	51,090.39 51	2.3323		51,148.70 26

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2033

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	2.0253	76.1018	23.0129	0.2785	7.6360	0.0817	7.7177	2.1982	0.0781	2.2762		30,383.05 16	30,383.05 16	1.9446		30,431.66 56
Worker	6.4815	3.5095	48.3984	0.2075	30.3371	0.1150	30.4522	8.0468	0.1058	8.1526		20,707.34 36	20,707.34 36	0.3877		20,717.03 70
Total	8.5068	79.6113	71.4113	0.4860	37.9731	0.1967	38.1699	10.2450	0.1839	10.4289		51,090.39 51	51,090.39 51	2.3323		51,148.70 26

3.5 Building Construction - 2034

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2034

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	2.0140	75.6101	22.9879	0.2780	7.6361	0.0807	7.7168	2.1982	0.0771	2.2753		30,341.3080	30,341.3080	1.9400		30,389.8072
Worker	6.1013	3.3521	46.3286	0.2043	30.3371	0.1074	30.4445	8.0468	0.0988	8.1456		20,391.5246	20,391.5246	0.3715		20,400.8116
Total	8.1153	78.9621	69.3165	0.4823	37.9732	0.1881	38.1613	10.2450	0.1759	10.4209		50,732.8326	50,732.8326	2.3115		50,790.6188

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2034

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	2.0140	75.6101	22.9879	0.2780	7.6361	0.0807	7.7168	2.1982	0.0771	2.2753		30,341.3080	30,341.3080	1.9400		30,389.8072
Worker	6.1013	3.3521	46.3286	0.2043	30.3371	0.1074	30.4445	8.0468	0.0988	8.1456		20,391.5246	20,391.5246	0.3715		20,400.8116
Total	8.1153	78.9621	69.3165	0.4823	37.9732	0.1881	38.1613	10.2450	0.1759	10.4209		50,732.8326	50,732.8326	2.3115		50,790.6188

3.5 Building Construction - 2035

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2035

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2035

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

3.5 Building Construction - 2036

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2036

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2036

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

3.5 Building Construction - 2037

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2037

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2037

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

3.5 Building Construction - 2038

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2038

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2038

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

3.5 Building Construction - 2039

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2039

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2039

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	2.0037	75.1968	22.9527	0.2777	7.6361	0.0799	7.7160	2.1982	0.0763	2.2745		30,309.0258	30,309.0258	1.9356		30,357.4146
Worker	5.7738	3.2297	44.5600	0.2016	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		20,124.7160	20,124.7160	0.3570		20,133.6417
Total	7.7775	78.4265	67.5128	0.4792	37.9732	0.1805	38.1537	10.2450	0.1689	10.4139		50,433.7418	50,433.7418	2.2926		50,491.0563

3.5 Building Construction - 2040

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2040

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2040

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

3.5 Building Construction - 2041

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2041

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2041

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

3.5 Building Construction - 2042

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2042

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2042

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

3.5 Building Construction - 2043

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2043

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2043

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

3.5 Building Construction - 2044

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2044

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2044

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	1.9762	73.9242	22.6894	0.2772	7.6363	0.0776	7.7139	2.1983	0.0742	2.2724		30,279.49 23	30,279.49 23	1.9122		30,327.29 62
Worker	4.5656	2.8172	38.9852	0.1935	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		19,325.49 55	19,325.49 55	0.3088		19,333.21 54
Total	6.5418	76.7414	61.6746	0.4707	37.9734	0.1555	38.1288	10.2451	0.1457	10.3908		49,604.98 78	49,604.98 78	2.2210		49,660.51 15

3.5 Building Construction - 2045

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2045

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2045

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

3.5 Building Construction - 2046

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2046

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2046

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

3.5 Building Construction - 2047

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2047

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2047

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

3.5 Building Construction - 2048

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2048

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2048

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

3.5 Building Construction - 2049

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2049

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

General Plan Build Out - 2050 - San Diego County, Summer

3.5 Building Construction - 2049

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	1.9599	73.4382	22.3265	0.2766	7.6365	0.0766	7.7131	2.1984	0.0732	2.2715		30,200.3833	30,200.3833	1.8662		30,247.0371
Worker	4.0592	2.6684	36.8394	0.1904	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		19,019.8998	19,019.8998	0.2932		19,027.2291
Total	6.0191	76.1066	59.1659	0.4670	37.9736	0.1450	38.1186	10.2452	0.1361	10.3813		49,220.2831	49,220.2831	2.1593		49,274.2662

3.6 Paving - 2048

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

General Plan Build Out - 2050 - San Diego County, Summer

3.6 Paving - 2048

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

General Plan Build Out - 2050 - San Diego County, Summer

3.6 Paving - 2048

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

3.6 Paving - 2049

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

General Plan Build Out - 2050 - San Diego County, Summer

3.6 Paving - 2049

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

General Plan Build Out - 2050 - San Diego County, Summer

3.6 Paving - 2049

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

3.7 Architectural Coating - 2048

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	239.9807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	240.0956	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

General Plan Build Out - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2048

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	0.8123	0.5340	7.3719	0.0381	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,806.040 1	3,806.040 1	0.0587		3,807.506 7
Total	0.8123	0.5340	7.3719	0.0381	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,806.040 1	3,806.040 1	0.0587		3,807.506 7

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	239.9807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	240.0956	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

General Plan Build Out - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2048

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	0.8123	0.5340	7.3719	0.0381	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,806.040 1	3,806.040 1	0.0587		3,807.506 7
Total	0.8123	0.5340	7.3719	0.0381	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,806.040 1	3,806.040 1	0.0587		3,807.506 7

3.7 Architectural Coating - 2049

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	239.9807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	240.0956	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

General Plan Build Out - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2049

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	0.8123	0.5340	7.3719	0.0381	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,806.040 1	3,806.040 1	0.0587		3,807.506 7
Total	0.8123	0.5340	7.3719	0.0381	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,806.040 1	3,806.040 1	0.0587		3,807.506 7

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	239.9807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	240.0956	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

General Plan Build Out - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2049

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	0.8123	0.5340	7.3719	0.0381	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,806.040 1	3,806.040 1	0.0587		3,807.506 7
Total	0.8123	0.5340	7.3719	0.0381	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,806.040 1	3,806.040 1	0.0587		3,807.506 7

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

General Plan Build Out - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

General Plan Build Out - 2050 - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	3.0881	27.4291	18.8566	0.1684		2.1336	2.1336		2.1336	2.1336		33,688.1144	33,688.1144	0.6457	0.6176	33,888.3060
NaturalGas Unmitigated	3.0881	27.4291	18.8566	0.1684		2.1336	2.1336		2.1336	2.1336		33,688.1144	33,688.1144	0.6457	0.6176	33,888.3060

General Plan Build Out - 2050 - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173549	1.8716	17.0146	14.2922	0.1021		1.2931	1.2931		1.2931	1.2931		20,417.4827	20,417.4827	0.3913	0.3743	20,538.8136
Single Family Housing	60319.1	0.6505	5.5588	2.3655	0.0355		0.4494	0.4494		0.4494	0.4494		7,096.3693	7,096.3693	0.1360	0.1301	7,138.5395
Total		3.0881	27.4291	18.8566	0.1684		2.1336	2.1336		2.1336	2.1336		33,688.1144	33,688.1144	0.6457	0.6176	33,888.3060

General Plan Build Out - 2050 - San Diego County, Summer

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.549	1.8716	17.0146	14.2922	0.1021		1.2931	1.2931		1.2931	1.2931		20,417.4827	20,417.4827	0.3913	0.3743	20,538.8136
Single Family Housing	60.3191	0.6505	5.5588	2.3655	0.0355		0.4494	0.4494		0.4494	0.4494		7,096.3693	7,096.3693	0.1360	0.1301	7,138.5395
Total		3.0881	27.4291	18.8566	0.1684		2.1336	2.1336		2.1336	2.1336		33,688.1144	33,688.1144	0.6457	0.6176	33,888.3060

6.0 Area Detail

6.1 Mitigation Measures Area

General Plan Build Out - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6,466.434 1	125.3479	8,013.5411	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013
Unmitigated	6,466.434 1	125.3479	8,013.5411	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013

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	29.2579					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,221.055 5	121.4900	7,679.217 3	13.9126		1,076.699 5	1,076.699 5		1,076.699 5	1,076.6995	112,892.08 54	47,345.29 41	160,237.3 795	104.1807	8.8798	165,488.0 808
Landscaping	10.0258	3.8579	334.3237	0.0177		1.8613	1.8613		1.8613	1.8613		604.7913	604.7913	0.5772		619.2205
Total	6,466.434 1	125.3479	8,013.541 0	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.0 854	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013

General Plan Build Out - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	29.2579					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,221.0555	121.4900	7,679.2173	13.9126		1,076.6995	1,076.6995		1,076.6995	1,076.6995	112,892.0854	47,345.2941	160,237.3795	104.1807	8.8798	165,488.0808
Landscaping	10.0258	3.8579	334.3237	0.0177		1.8613	1.8613		1.8613	1.8613		604.7913	604.7913	0.5772		619.2205
Total	6,466.4341	125.3479	8,013.5410	13.9303		1,078.5608	1,078.5608		1,078.5608	1,078.5608	112,892.0854	47,950.0854	160,842.1708	104.7578	8.8798	166,107.3013

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

General Plan Build Out - 2050 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

General Plan Build Out - 2050 - San Diego County, Winter

General Plan Build Out - 2050
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,116.00	1000sqft	94.49	4,116,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,667.00	Dwelling Unit	541.23	3,000,600.00	4768

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

General Plan Build Out - 2050 - San Diego County, Winter

Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	800.00	404.00
tblConstructionPhase	NumDays	480.00	243.00
tblConstructionPhase	NumDays	1,240.00	627.00
tblConstructionPhase	NumDays	12,400.00	6,266.00
tblConstructionPhase	NumDays	880.00	445.00
tblConstructionPhase	NumDays	880.00	445.00
tblConstructionPhase	PhaseEndDate	1/25/2024	7/20/2022

General Plan Build Out - 2050 - San Diego County, Winter

tblConstructionPhase	PhaseEndDate	11/27/2025	6/26/2023
tblConstructionPhase	PhaseEndDate	8/29/2030	11/19/2025
tblConstructionPhase	PhaseEndDate	3/10/2078	11/25/2049
tblConstructionPhase	PhaseEndDate	7/24/2081	11/25/2049
tblConstructionPhase	PhaseEndDate	12/7/2084	11/25/2049
tblConstructionPhase	PhaseStartDate	1/26/2024	7/21/2022
tblConstructionPhase	PhaseStartDate	11/28/2025	6/27/2023
tblConstructionPhase	PhaseStartDate	8/30/2030	11/20/2025
tblConstructionPhase	PhaseStartDate	3/11/2078	3/13/2048
tblConstructionPhase	PhaseStartDate	7/25/2081	3/13/2048
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,026.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00

General Plan Build Out - 2050 - San Diego County, Winter

tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	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					
2021	3.2240	31.4785	21.9390	0.0400	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,862.6271	3,862.6271	1.0582	0.0000	3,889.0819
2022	3.2371	33.1249	20.9411	0.0399	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,857.2600	3,857.2600	1.1958	0.0000	3,883.6463
2023	3.3923	34.5576	28.4801	0.0635	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,153.1570	6,153.1570	1.9479	0.0000	6,201.8547
2024	3.2854	32.4155	28.1232	0.0634	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,145.8511	6,145.8511	1.9471	0.0000	6,194.5273
2025	15.6627	101.7003	111.5037	0.5509	37.9732	1.1319	38.7947	10.2450	1.0414	11.0154	0.0000	57,209.9360	57,209.9360	3.3198	0.0000	57,292.9317
2026	15.1300	100.0660	106.9393	0.5400	37.9731	0.8124	38.7855	10.2450	0.7618	11.0068	0.0000	56,154.9809	56,154.9809	3.2564	0.0000	56,236.3898
2027	14.6021	98.5302	102.9109	0.5304	37.9731	0.7997	38.7728	10.2450	0.7500	10.9950	0.0000	55,218.6172	55,218.6172	3.2013	0.0000	55,298.6494
2028	14.0504	97.2337	99.5196	0.5221	37.9731	0.7844	38.7576	10.2450	0.7359	10.9809	0.0000	54,404.0071	54,404.0071	3.1532	0.0000	54,482.8378

General Plan Build Out - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	13.4538	95.9365	96.2659	0.5146	37.9731	0.7702	38.7433	10.2450	0.7226	10.9676	0.0000	53,674.68 79	53,674.68 79	3.1123	0.0000	53,752.49 40
2030	12.7508	90.2645	93.3247	0.5120	37.9731	0.3780	38.3510	10.2450	0.3627	10.6076	0.0000	53,382.49 38	53,382.49 38	2.5900	0.0000	53,447.24 39
2031	12.0720	89.2619	90.4726	0.5064	37.9731	0.3664	38.3395	10.2450	0.3520	10.5970	0.0000	52,831.89 98	52,831.89 98	2.5558	0.0000	52,895.79 57
2032	11.4721	88.3849	88.0529	0.5016	37.9731	0.3560	38.3291	10.2450	0.3423	10.5873	0.0000	52,364.55 69	52,364.55 69	2.5277	0.0000	52,427.74 91
2033	10.9508	87.6081	85.9787	0.4975	37.9731	0.3465	38.3196	10.2450	0.3336	10.5786	0.0000	51,965.01 81	51,965.01 81	2.5038	0.0000	52,027.61 21
2034	10.5021	86.9380	83.9744	0.4940	37.9732	0.3377	38.3109	10.2450	0.3254	10.5704	0.0000	51,625.811 3	51,625.811 3	2.4825	0.0000	51,687.87 33
2035	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2036	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2037	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2038	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2039	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2040	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2041	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2042	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2043	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2044	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2045	8.0001	82.9495	74.1266	0.4794	37.9736	0.2194	38.1931	10.2452	0.2105	10.4557	0.0000	50,190.32 20	50,190.32 20	2.3162	0.0000	50,248.22 69
2046	8.0001	82.9495	74.1266	0.4794	37.9736	0.2194	38.1931	10.2452	0.2105	10.4557	0.0000	50,190.32 20	50,190.32 20	2.3162	0.0000	50,248.22 69

General Plan Build Out - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2047	8.0001	82.9495	74.1266	0.4794	37.9736	0.2194	38.1931	10.2452	0.2105	10.4557	0.0000	50,190.32 20	50,190.32 20	2.3162	0.0000	50,248.22 69
2048	250.0751	87.9411	98.6124	0.5469	44.1676	0.3573	44.5248	11.8881	0.3472	12.2353	0.0000	56,771.59 37	56,771.59 37	2.4709	0.0000	56,833.36 65
2049	250.0751	87.9411	98.6124	0.5469	44.1676	0.3573	44.5248	11.8881	0.3472	12.2353	0.0000	56,771.59 37	56,771.59 37	2.4709	0.0000	56,833.36 65
Maximum	250.0751	101.7003	111.5037	0.5509	44.1676	1.6136	44.5248	11.8881	1.4845	12.2353	0.0000	57,209.93 60	57,209.93 60	3.3198	0.0000	57,292.93 17

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	3.2240	31.4785	21.9390	0.0400	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,862.627 1	3,862.627 1	1.0582	0.0000	3,889.081 9
2022	3.2371	33.1249	20.9411	0.0399	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,857.260 0	3,857.260 0	1.1958	0.0000	3,883.646 3
2023	3.3923	34.5576	28.4801	0.0635	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,153.157 0	6,153.157 0	1.9479	0.0000	6,201.854 7
2024	3.2854	32.4155	28.1232	0.0634	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,145.8511	6,145.8511	1.9471	0.0000	6,194.527 3
2025	15.6627	101.7003	111.5037	0.5509	37.9732	1.1319	38.7947	10.2450	1.0414	11.0154	0.0000	57,209.93 60	57,209.93 60	3.3198	0.0000	57,292.93 17
2026	15.1300	100.0660	106.9393	0.5400	37.9731	0.8124	38.7855	10.2450	0.7618	11.0068	0.0000	56,154.98 09	56,154.98 09	3.2564	0.0000	56,236.38 98
2027	14.6021	98.5302	102.9109	0.5304	37.9731	0.7997	38.7728	10.2450	0.7500	10.9950	0.0000	55,218.61 72	55,218.61 72	3.2013	0.0000	55,298.64 94
2028	14.0504	97.2337	99.5196	0.5221	37.9731	0.7844	38.7576	10.2450	0.7359	10.9809	0.0000	54,404.00 71	54,404.00 71	3.1532	0.0000	54,482.83 78

General Plan Build Out - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	13.4538	95.9365	96.2659	0.5146	37.9731	0.7702	38.7433	10.2450	0.7226	10.9676	0.0000	53,674.68 79	53,674.68 79	3.1123	0.0000	53,752.49 40
2030	12.7508	90.2645	93.3247	0.5120	37.9731	0.3780	38.3510	10.2450	0.3627	10.6076	0.0000	53,382.49 38	53,382.49 38	2.5900	0.0000	53,447.24 39
2031	12.0720	89.2619	90.4726	0.5064	37.9731	0.3664	38.3395	10.2450	0.3520	10.5970	0.0000	52,831.89 98	52,831.89 98	2.5558	0.0000	52,895.79 57
2032	11.4721	88.3849	88.0529	0.5016	37.9731	0.3560	38.3291	10.2450	0.3423	10.5873	0.0000	52,364.55 69	52,364.55 69	2.5277	0.0000	52,427.74 91
2033	10.9508	87.6081	85.9787	0.4975	37.9731	0.3465	38.3196	10.2450	0.3336	10.5786	0.0000	51,965.01 81	51,965.01 81	2.5038	0.0000	52,027.61 21
2034	10.5021	86.9380	83.9744	0.4940	37.9732	0.3377	38.3109	10.2450	0.3254	10.5704	0.0000	51,625.811 3	51,625.811 3	2.4825	0.0000	51,687.87 33
2035	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2036	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2037	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2038	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2039	10.0245	85.6122	82.2083	0.4911	37.9732	0.2723	38.2455	10.2450	0.2606	10.5056	0.0000	51,341.90 39	51,341.90 39	2.4550	0.0000	51,403.27 97
2040	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2041	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2042	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2043	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2044	8.5769	83.5962	76.5870	0.4830	37.9734	0.2302	38.2035	10.2451	0.2204	10.4655	0.0000	50,555.39 73	50,555.39 73	2.3790	0.0000	50,614.87 31
2045	8.0001	82.9495	74.1266	0.4794	37.9736	0.2194	38.1931	10.2452	0.2105	10.4557	0.0000	50,190.32 20	50,190.32 20	2.3162	0.0000	50,248.22 69
2046	8.0001	82.9495	74.1266	0.4794	37.9736	0.2194	38.1931	10.2452	0.2105	10.4557	0.0000	50,190.32 20	50,190.32 20	2.3162	0.0000	50,248.22 69

General Plan Build Out - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2047	8.0001	82.9495	74.1266	0.4794	37.9736	0.2194	38.1931	10.2452	0.2105	10.4557	0.0000	50,190.32 20	50,190.32 20	2.3162	0.0000	50,248.22 69
2048	250.0751	87.9411	98.6124	0.5469	44.1676	0.3573	44.5248	11.8881	0.3472	12.2353	0.0000	56,771.59 37	56,771.59 37	2.4709	0.0000	56,833.36 65
2049	250.0751	87.9411	98.6124	0.5469	44.1676	0.3573	44.5248	11.8881	0.3472	12.2353	0.0000	56,771.59 37	56,771.59 37	2.4709	0.0000	56,833.36 65
Maximum	250.0751	101.7003	111.5037	0.5509	44.1676	1.6136	44.5248	11.8881	1.4845	12.2353	0.0000	57,209.93 60	57,209.93 60	3.3198	0.0000	57,292.93 17

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

General Plan Build Out - 2050 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,466.434 1	125.3479	8,013.5411	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013
Energy	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.57 71	33,687.57 71	0.6457	0.6176	33,887.76 55
Mobile	0.0000	0.0000	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	6,469.522 1	152.7766	8,032.397 5	14.0988	0.0000	1,080.694 3	1,080.694 3	0.0000	1,080.694 3	1,080.6943	112,892.0 854	81,637.66 25	194,529.7 479	105.4035	9.4974	199,995.0 668

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,466.434 1	125.3479	8,013.5411	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013
Energy	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.57 71	33,687.57 71	0.6457	0.6176	33,887.76 55
Mobile	0.0000	0.0000	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	6,469.522 1	152.7766	8,032.397 5	14.0988	0.0000	1,080.694 3	1,080.694 3	0.0000	1,080.694 3	1,080.6943	112,892.0 854	81,637.66 25	194,529.7 479	105.4035	9.4974	199,995.0 668

General Plan Build Out - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1567.5

Acres of Paving: 0

Residential Indoor: 10,932,165; Residential Outdoor: 3,644,055; Non-Residential Indoor: 6,348,000; Non-Residential Outdoor: 2,116,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

General Plan Build Out - 2050 - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

General Plan Build Out - 2050 - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	3,693.00	1,128.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	739.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

General Plan Build Out - 2050 - San Diego County, Winter

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

General Plan Build Out - 2050 - San Diego County, Winter

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920

General Plan Build Out - 2050 - San Diego County, Winter

3.2 Demolition - 2022

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	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

General Plan Build Out - 2050 - San Diego County, Winter

3.2 Demolition - 2022

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	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

General Plan Build Out - 2050 - San Diego County, Winter

3.3 Site Preparation - 2022

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	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

General Plan Build Out - 2050 - San Diego County, Winter

3.3 Site Preparation - 2022

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	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954		3,687.3081	3,687.3081	1.1926		3,717.1219

General Plan Build Out - 2050 - San Diego County, Winter

3.3 Site Preparation - 2023

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	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940
Total	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

General Plan Build Out - 2050 - San Diego County, Winter

3.3 Site Preparation - 2023

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	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940
Total	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070		6,011.4777	6,011.4777	1.9442		6,060.0836

General Plan Build Out - 2050 - San Diego County, Winter

3.4 Grading - 2023

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	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

General Plan Build Out - 2050 - San Diego County, Winter

3.4 Grading - 2023

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	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251		6,009.7487	6,009.7487	1.9437		6,058.3405

General Plan Build Out - 2050 - San Diego County, Winter

3.4 Grading - 2024

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	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

General Plan Build Out - 2050 - San Diego County, Winter

3.4 Grading - 2024

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	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868

3.4 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369		6,008.2814	6,008.2814	1.9432		6,056.8614

General Plan Build Out - 2050 - San Diego County, Winter

3.4 Grading - 2025

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	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790
Total	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

General Plan Build Out - 2050 - San Diego County, Winter

3.4 Grading - 2025

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	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790
Total	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2025

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	2.4147	82.6753	26.4369	0.2821	7.6360	0.0998	7.7359	2.1982	0.0954	2.2936		30,537.96 92	30,537.96 92	2.1438		30,591.56 50
Worker	11.8806	6.5553	68.9821	0.2418	30.3371	0.1942	30.5313	8.0468	0.1788	8.2256		24,115.492 4	24,115.492 4	0.5751		24,129.86 87
Total	14.2953	89.2306	95.4190	0.5239	37.9732	0.2940	38.2672	10.2450	0.2742	10.5192		54,653.46 16	54,653.46 16	2.7189		54,721.43 37

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2025

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	2.4147	82.6753	26.4369	0.2821	7.6360	0.0998	7.7359	2.1982	0.0954	2.2936		30,537.96 92	30,537.96 92	2.1438		30,591.56 50
Worker	11.8806	6.5553	68.9821	0.2418	30.3371	0.1942	30.5313	8.0468	0.1788	8.2256		24,115.492 4	24,115.492 4	0.5751		24,129.86 87
Total	14.2953	89.2306	95.4190	0.5239	37.9732	0.2940	38.2672	10.2450	0.2742	10.5192		54,653.46 16	54,653.46 16	2.7189		54,721.43 37

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2026

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	2.3522	81.4997	26.0483	0.2802	7.6360	0.0966	7.7327	2.1982	0.0924	2.2905		30,366.14 97	30,366.14 97	2.1198		30,419.14 54
Worker	11.4105	6.0966	64.8063	0.2329	30.3371	0.1882	30.5253	8.0468	0.1732	8.2200		23,232.35 68	23,232.35 68	0.5356		23,245.74 63
Total	13.7626	87.5963	90.8546	0.5131	37.9731	0.2848	38.2579	10.2450	0.2655	10.5105		53,598.50 66	53,598.50 66	2.6554		53,664.89 17

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2026

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	2.3522	81.4997	26.0483	0.2802	7.6360	0.0966	7.7327	2.1982	0.0924	2.2905		30,366.14 97	30,366.14 97	2.1198		30,419.14 54
Worker	11.4105	6.0966	64.8063	0.2329	30.3371	0.1882	30.5253	8.0468	0.1732	8.2200		23,232.35 68	23,232.35 68	0.5356		23,245.74 63
Total	13.7626	87.5963	90.8546	0.5131	37.9731	0.2848	38.2579	10.2450	0.2655	10.5105		53,598.50 66	53,598.50 66	2.6554		53,664.89 17

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2027

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	2.2996	80.3702	25.7196	0.2784	7.6360	0.0941	7.7301	2.1982	0.0900	2.2882		30,208.1295	30,208.1295	2.0991		30,260.6073
Worker	10.9351	5.6904	61.1067	0.2251	30.3371	0.1780	30.5151	8.0468	0.1638	8.2106		22,454.0133	22,454.0133	0.5012		22,466.5441
Total	13.2347	86.0605	86.8263	0.5035	37.9731	0.2722	38.2453	10.2450	0.2538	10.4988		52,662.1428	52,662.1428	2.6003		52,727.1514

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2027

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	2.2996	80.3702	25.7196	0.2784	7.6360	0.0941	7.7301	2.1982	0.0900	2.2882		30,208.1295	30,208.1295	2.0991		30,260.6073
Worker	10.9351	5.6904	61.1067	0.2251	30.3371	0.1780	30.5151	8.0468	0.1638	8.2106		22,454.0133	22,454.0133	0.5012		22,466.5441
Total	13.2347	86.0605	86.8263	0.5035	37.9731	0.2722	38.2453	10.2450	0.2538	10.4988		52,662.1428	52,662.1428	2.6003		52,727.1514

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2028

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	2.2583	79.4330	25.5443	0.2769	7.6360	0.0920	7.7280	2.1982	0.0879	2.2861		30,076.5589	30,076.5589	2.0801		30,128.5609
Worker	10.4247	5.3310	57.8906	0.2182	30.3371	0.1649	30.5020	8.0468	0.1517	8.1985		21,770.9739	21,770.9739	0.4722		21,782.7788
Total	12.6830	84.7641	83.4349	0.4951	37.9731	0.2569	38.2300	10.2450	0.2396	10.4846		51,847.5328	51,847.5328	2.5523		51,911.3397

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2028

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	2.2583	79.4330	25.5443	0.2769	7.6360	0.0920	7.7280	2.1982	0.0879	2.2861		30,076.5589	30,076.5589	2.0801		30,128.5609
Worker	10.4247	5.3310	57.8906	0.2182	30.3371	0.1649	30.5020	8.0468	0.1517	8.1985		21,770.9739	21,770.9739	0.4722		21,782.7788
Total	12.6830	84.7641	83.4349	0.4951	37.9731	0.2569	38.2300	10.2450	0.2396	10.4846		51,847.5328	51,847.5328	2.5523		51,911.3397

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2029

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	2.2187	78.4667	25.3492	0.2754	7.6360	0.0895	7.7255	2.1982	0.0856	2.2837		29,947.80 47	29,947.80 47	2.0660		29,999.45 49
Worker	9.8677	5.0001	54.8321	0.2122	30.3371	0.1531	30.4902	8.0468	0.1408	8.1876		21,170.40 88	21,170.40 88	0.4453		21,181.54 10
Total	12.0864	83.4668	80.1813	0.4876	37.9731	0.2426	38.2157	10.2450	0.2264	10.4714		51,118.21 36	51,118.21 36	2.5113		51,180.99 59

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2029

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	2.2187	78.4667	25.3492	0.2754	7.6360	0.0895	7.7255	2.1982	0.0856	2.2837		29,947.80 47	29,947.80 47	2.0660		29,999.45 49
Worker	9.8677	5.0001	54.8321	0.2122	30.3371	0.1531	30.4902	8.0468	0.1408	8.1876		21,170.40 88	21,170.40 88	0.4453		21,181.54 10
Total	12.0864	83.4668	80.1813	0.4876	37.9731	0.2426	38.2157	10.2450	0.2264	10.4714		51,118.21 36	51,118.21 36	2.5113		51,180.99 59

3.5 Building Construction - 2030

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2030

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	2.1882	77.6492	25.2429	0.2742	7.6360	0.0876	7.7235	2.1982	0.0837	2.2819		29,842.65 26	29,842.65 26	2.0538		29,893.99 84
Worker	9.2535	4.6807	51.9249	0.2069	30.3371	0.1422	30.4794	8.0468	0.1308	8.1777		20,642.29 44	20,642.29 44	0.4199		20,652.79 27
Total	11.4417	82.3299	77.1677	0.4811	37.9731	0.2298	38.2029	10.2450	0.2145	10.4595		50,484.94 71	50,484.94 71	2.4738		50,546.79 11

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2030

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	2.1882	77.6492	25.2429	0.2742	7.6360	0.0876	7.7235	2.1982	0.0837	2.2819		29,842.65 26	29,842.65 26	2.0538		29,893.99 84
Worker	9.2535	4.6807	51.9249	0.2069	30.3371	0.1422	30.4794	8.0468	0.1308	8.1777		20,642.29 44	20,642.29 44	0.4199		20,652.79 27
Total	11.4417	82.3299	77.1677	0.4811	37.9731	0.2298	38.2029	10.2450	0.2145	10.4595		50,484.94 71	50,484.94 71	2.4738		50,546.79 11

3.5 Building Construction - 2031

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2031

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	2.1636	76.9449	25.1519	0.2732	7.6360	0.0859	7.7219	2.1982	0.0821	2.2803		29,754.25 13	29,754.25 13	2.0426		29,805.31 59
Worker	8.5993	4.3824	49.1637	0.2022	30.3371	0.1323	30.4695	8.0468	0.1217	8.1685		20,180.10 17	20,180.10 17	0.3970		20,190.02 69
Total	10.7629	81.3272	74.3156	0.4754	37.9731	0.2182	38.1914	10.2450	0.2038	10.4488		49,934.35 30	49,934.35 30	2.4396		49,995.34 28

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2031

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	2.1636	76.9449	25.1519	0.2732	7.6360	0.0859	7.7219	2.1982	0.0821	2.2803		29,754.25 13	29,754.25 13	2.0426		29,805.31 59
Worker	8.5993	4.3824	49.1637	0.2022	30.3371	0.1323	30.4695	8.0468	0.1217	8.1685		20,180.10 17	20,180.10 17	0.3970		20,190.02 69
Total	10.7629	81.3272	74.3156	0.4754	37.9731	0.2182	38.1914	10.2450	0.2038	10.4488		49,934.35 30	49,934.35 30	2.4396		49,995.34 28

3.5 Building Construction - 2032

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2032

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	2.1440	76.3162	25.1084	0.2725	7.6360	0.0846	7.7206	2.1982	0.0808	2.2790		29,688.0258	29,688.0258	2.0333		29,738.8571
Worker	8.0190	4.1342	46.7876	0.1982	30.3371	0.1233	30.4604	8.0468	0.1134	8.1602		19,778.9843	19,778.9843	0.3782		19,788.4392
Total	10.1630	80.4503	71.8960	0.4706	37.9731	0.2078	38.1809	10.2450	0.1942	10.4392		49,467.0101	49,467.0101	2.4114		49,527.2962

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2032

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	2.1440	76.3162	25.1084	0.2725	7.6360	0.0846	7.7206	2.1982	0.0808	2.2790		29,688.0258	29,688.0258	2.0333		29,738.8571
Worker	8.0190	4.1342	46.7876	0.1982	30.3371	0.1233	30.4604	8.0468	0.1134	8.1602		19,778.9843	19,778.9843	0.3782		19,788.4392
Total	10.1630	80.4503	71.8960	0.4706	37.9731	0.2078	38.1809	10.2450	0.1942	10.4392		49,467.0101	49,467.0101	2.4114		49,527.2962

3.5 Building Construction - 2033

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2033

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	2.1300	75.7496	25.0866	0.2718	7.6360	0.0833	7.7193	2.1982	0.0796	2.2778		29,633.89 15	29,633.89 15	2.0255		29,684.52 81
Worker	7.5117	3.9239	44.7351	0.1947	30.3371	0.1150	30.4522	8.0468	0.1058	8.1526		19,433.57 99	19,433.57 99	0.3621		19,442.63 12
Total	9.6417	79.6735	69.8217	0.4665	37.9731	0.1983	38.1715	10.2450	0.1854	10.4304		49,067.47 14	49,067.47 14	2.3875		49,127.15 93

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2033

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	2.1300	75.7496	25.0866	0.2718	7.6360	0.0833	7.7193	2.1982	0.0796	2.2778		29,633.89 15	29,633.89 15	2.0255		29,684.52 81
Worker	7.5117	3.9239	44.7351	0.1947	30.3371	0.1150	30.4522	8.0468	0.1058	8.1526		19,433.57 99	19,433.57 99	0.3621		19,442.63 12
Total	9.6417	79.6735	69.8217	0.4665	37.9731	0.1983	38.1715	10.2450	0.1854	10.4304		49,067.47 14	49,067.47 14	2.3875		49,127.15 93

3.5 Building Construction - 2034

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2034

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	2.1180	75.2568	25.0550	0.2713	7.6361	0.0822	7.7182	2.1982	0.0785	2.2767		29,592.3077	29,592.3077	2.0197		29,642.7989
Worker	7.0749	3.7466	42.7625	0.1917	30.3371	0.1074	30.4445	8.0468	0.0988	8.1456		19,135.9569	19,135.9569	0.3466		19,144.6216
Total	9.1929	79.0034	67.8175	0.4630	37.9732	0.1896	38.1627	10.2450	0.1773	10.4223		48,728.2646	48,728.2646	2.3662		48,787.4204

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2034

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	2.1180	75.2568	25.0550	0.2713	7.6361	0.0822	7.7182	2.1982	0.0785	2.2767		29,592.3077	29,592.3077	2.0197		29,642.7989
Worker	7.0749	3.7466	42.7625	0.1917	30.3371	0.1074	30.4445	8.0468	0.0988	8.1456		19,135.9569	19,135.9569	0.3466		19,144.6216
Total	9.1929	79.0034	67.8175	0.4630	37.9732	0.1896	38.1627	10.2450	0.1773	10.4223		48,728.2646	48,728.2646	2.3662		48,787.4204

3.5 Building Construction - 2035

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2035

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2035

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

3.5 Building Construction - 2036

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2036

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2036

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

3.5 Building Construction - 2037

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2037

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2037

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

3.5 Building Construction - 2038

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2038

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2038

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

3.5 Building Construction - 2039

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2039

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2039

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	2.1071	74.8419	25.0139	0.2710	7.6361	0.0812	7.7173	2.1982	0.0776	2.2758		29,559.77 53	29,559.77 53	2.0143		29,610.13 18
Worker	6.7006	3.6090	41.0767	0.1891	30.3371	0.1006	30.4377	8.0468	0.0925	8.1394		18,884.58 19	18,884.58 19	0.3329		18,892.90 31
Total	8.8077	78.4509	66.0906	0.4601	37.9732	0.1819	38.1551	10.2450	0.1702	10.4152		48,444.35 71	48,444.35 71	2.3471		48,503.03 49

3.5 Building Construction - 2040

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2040

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2040

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

3.5 Building Construction - 2041

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2041

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2041

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

3.5 Building Construction - 2042

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2042

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2042

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

3.5 Building Construction - 2043

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2043

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2043

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

3.5 Building Construction - 2044

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2044

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2044

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	2.0782	73.5606	24.7273	0.2705	7.6363	0.0786	7.7148	2.1983	0.0751	2.2734		29,526.07 65	29,526.07 65	1.9880		29,575.77 56
Worker	5.3016	3.1452	35.7413	0.1815	30.3371	0.0778	30.4150	8.0468	0.0716	8.1184		18,131.77 36	18,131.77 36	0.2869		18,138.94 72
Total	7.3799	76.7059	60.4686	0.4520	37.9734	0.1564	38.1298	10.2451	0.1467	10.3918		47,657.85 01	47,657.85 01	2.2749		47,714.72 27

3.5 Building Construction - 2045

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2045

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2045

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

3.5 Building Construction - 2046

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2046

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2046

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

3.5 Building Construction - 2047

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2047

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2047

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

3.5 Building Construction - 2048

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2048

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2048

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

3.5 Building Construction - 2049

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2049

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

General Plan Build Out - 2050 - San Diego County, Winter

3.5 Building Construction - 2049

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	2.0613	73.0810	24.3312	0.2699	7.6365	0.0773	7.7138	2.1984	0.0738	2.2722		29,448.30 19	29,448.30 19	1.9401		29,496.80 47
Worker	4.7419	2.9781	33.6770	0.1786	30.3371	0.0684	30.4055	8.0468	0.0629	8.1098		17,844.47 29	17,844.47 29	0.2720		17,851.27 19
Total	6.8032	76.0592	58.0081	0.4485	37.9736	0.1457	38.1193	10.2452	0.1368	10.3819		47,292.77 49	47,292.77 49	2.2121		47,348.07 65

3.6 Paving - 2048

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9

General Plan Build Out - 2050 - San Diego County, Winter

3.6 Paving - 2048

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

General Plan Build Out - 2050 - San Diego County, Winter

3.6 Paving - 2048

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

3.6 Paving - 2049

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

General Plan Build Out - 2050 - San Diego County, Winter

3.6 Paving - 2049

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

General Plan Build Out - 2050 - San Diego County, Winter

3.6 Paving - 2049

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

3.7 Architectural Coating - 2048

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	239.9807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	240.0956	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

General Plan Build Out - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2048

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	0.9489	0.5959	6.7390	0.0358	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,570.827 4	3,570.827 4	0.0544		3,572.187 9
Total	0.9489	0.5959	6.7390	0.0358	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,570.827 4	3,570.827 4	0.0544		3,572.187 9

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	239.9807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	240.0956	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

General Plan Build Out - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2048

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	0.9489	0.5959	6.7390	0.0358	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,570.8274	3,570.8274	0.0544		3,572.1879
Total	0.9489	0.5959	6.7390	0.0358	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,570.8274	3,570.8274	0.0544		3,572.1879

3.7 Architectural Coating - 2049

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	239.9807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	240.0956	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

General Plan Build Out - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2049

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	0.9489	0.5959	6.7390	0.0358	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,570.827 4	3,570.827 4	0.0544		3,572.187 9
Total	0.9489	0.5959	6.7390	0.0358	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,570.827 4	3,570.827 4	0.0544		3,572.187 9

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	239.9807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	240.0956	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

General Plan Build Out - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2049

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	0.9489	0.5959	6.7390	0.0358	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,570.827 4	3,570.827 4	0.0544		3,572.187 9
Total	0.9489	0.5959	6.7390	0.0358	6.0707	0.0137	6.0844	1.6102	0.0126	1.6228		3,570.827 4	3,570.827 4	0.0544		3,572.187 9

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

General Plan Build Out - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

General Plan Build Out - 2050 - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655
NaturalGas Unmitigated	3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655

General Plan Build Out - 2050 - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173549	1.8716	17.0146	14.2922	0.1021		1.2931	1.2931		1.2931	1.2931		20,417.4827	20,417.4827	0.3913	0.3743	20,538.8136
Single Family Housing	60314.6	0.6505	5.5584	2.3653	0.0355		0.4494	0.4494		0.4494	0.4494		7,095.8320	7,095.8320	0.1360	0.1301	7,137.9990
Total		3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655

General Plan Build Out - 2050 - San Diego County, Winter

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.549	1.8716	17.0146	14.2922	0.1021		1.2931	1.2931		1.2931	1.2931		20,417.4827	20,417.4827	0.3913	0.3743	20,538.8136
Single Family Housing	60.3146	0.6505	5.5584	2.3653	0.0355		0.4494	0.4494		0.4494	0.4494		7,095.8320	7,095.8320	0.1360	0.1301	7,137.9990
Total		3.0880	27.4287	18.8564	0.1684		2.1336	2.1336		2.1336	2.1336		33,687.5771	33,687.5771	0.6457	0.6176	33,887.7655

6.0 Area Detail

6.1 Mitigation Measures Area

General Plan Build Out - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6,466.434 1	125.3479	8,013.5411	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013
Unmitigated	6,466.434 1	125.3479	8,013.5411	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.08 54	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013

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	29.2579					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,221.055 5	121.4900	7,679.217 3	13.9126		1,076.699 5	1,076.699 5		1,076.699 5	1,076.6995	112,892.08 54	47,345.29 41	160,237.3 795	104.1807	8.8798	165,488.0 808
Landscaping	10.0258	3.8579	334.3237	0.0177		1.8613	1.8613		1.8613	1.8613		604.7913	604.7913	0.5772		619.2205
Total	6,466.434 1	125.3479	8,013.541 0	13.9303		1,078.560 8	1,078.560 8		1,078.560 8	1,078.5608	112,892.0 854	47,950.08 54	160,842.1 708	104.7578	8.8798	166,107.3 013

General Plan Build Out - 2050 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	29.2579					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0948					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,221.0555	121.4900	7,679.2173	13.9126		1,076.6995	1,076.6995		1,076.6995	1,076.6995	112,892.0854	47,345.2941	160,237.3795	104.1807	8.8798	165,488.0808
Landscaping	10.0258	3.8579	334.3237	0.0177		1.8613	1.8613		1.8613	1.8613		604.7913	604.7913	0.5772		619.2205
Total	6,466.4341	125.3479	8,013.5410	13.9303		1,078.5608	1,078.5608		1,078.5608	1,078.5608	112,892.0854	47,950.0854	160,842.1708	104.7578	8.8798	166,107.3013

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,118.00	1000sqft	94.54	4,118,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	4,032.00	Dwelling Unit	252.00	4,032,000.00	11532
Single Family Housing	2,046.00	Dwelling Unit	664.29	3,682,800.00	5852

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - SDG&E intensity factors adjusted for 2030

Land Use -

Construction Phase - Adjusted schedule to meet 2030 buildout

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	11,000.00	138.00
tblConstructionPhase	NumDays	155,000.00	1,945.00
tblConstructionPhase	NumDays	10,000.00	125.00
tblConstructionPhase	NumDays	15,500.00	194.00
tblConstructionPhase	NumDays	11,000.00	138.00
tblConstructionPhase	NumDays	6,000.00	75.00
tblConstructionPhase	PhaseEndDate	3/12/2820	12/20/2029

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tblConstructionPhase	PhaseEndDate	11/14/2735	12/20/2029
tblConstructionPhase	PhaseEndDate	5/1/2059	6/24/2021
tblConstructionPhase	PhaseEndDate	9/28/2141	7/7/2022
tblConstructionPhase	PhaseEndDate	1/12/2778	12/20/2029
tblConstructionPhase	PhaseEndDate	4/30/2082	10/7/2021
tblConstructionPhase	PhaseStartDate	1/13/2778	6/12/2029
tblConstructionPhase	PhaseStartDate	9/29/2141	7/8/2022
tblConstructionPhase	PhaseStartDate	5/1/2082	10/9/2021
tblConstructionPhase	PhaseStartDate	11/15/2735	6/12/2029
tblConstructionPhase	PhaseStartDate	5/2/2059	6/25/2021
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.88
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00

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tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

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2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4771	4.8812	3.1227	5.8800e-003	1.1331	0.2333	1.3664	0.5042	0.2155	0.7197	0.0000	516.8729	516.8729	0.1537	0.0000	520.7149
2022	1.6357	12.5195	12.5196	0.0519	3.7625	0.1939	3.9564	1.0867	0.1801	1.2668	0.0000	4,841.4197	4,841.4197	0.3705	0.0000	4,850.6833
2023	2.6213	16.5339	20.2386	0.0952	6.3784	0.1423	6.5207	1.7216	0.1335	1.8550	0.0000	8,936.0545	8,936.0545	0.4810	0.0000	8,948.0804
2024	2.5141	16.2370	19.3195	0.0938	6.4275	0.1310	6.5585	1.7348	0.1228	1.8576	0.0000	8,809.0301	8,809.0301	0.4716	0.0000	8,820.8209
2025	2.3926	15.7593	18.2797	0.0912	6.4029	0.1183	6.5213	1.7282	0.1108	1.8391	0.0000	8,584.0667	8,584.0667	0.4585	0.0000	8,595.5283
2026	2.3071	15.4936	17.4850	0.0893	6.4029	0.1168	6.5197	1.7282	0.1094	1.8376	0.0000	8,415.8907	8,415.8907	0.4491	0.0000	8,427.1172
2027	2.2230	15.2446	16.7829	0.0877	6.4029	0.1147	6.5176	1.7282	0.1074	1.8356	0.0000	8,266.8023	8,266.8023	0.4409	0.0000	8,277.8246
2028	2.1278	14.9763	16.1272	0.0859	6.3784	0.1116	6.4900	1.7216	0.1046	1.8262	0.0000	8,105.7590	8,105.7590	0.4322	0.0000	8,116.5627
2029	70.1247	15.1907	17.3783	0.0884	6.7934	0.1420	6.9354	1.8312	0.1328	1.9640	0.0000	8,329.6912	8,329.6912	0.4696	0.0000	8,341.4321
Maximum	70.1247	16.5339	20.2386	0.0952	6.7934	0.2333	6.9354	1.8312	0.2155	1.9640	0.0000	8,936.0545	8,936.0545	0.4810	0.0000	8,948.0804

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2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4771	4.8812	3.1227	5.8800e-003	1.1331	0.2333	1.3664	0.5042	0.2155	0.7197	0.0000	516.8723	516.8723	0.1537	0.0000	520.7143
2022	1.6357	12.5195	12.5196	0.0519	3.7625	0.1939	3.9564	1.0867	0.1801	1.2668	0.0000	4,841.4190	4,841.4190	0.3705	0.0000	4,850.6827
2023	2.6213	16.5339	20.2386	0.0952	6.3784	0.1423	6.5207	1.7216	0.1335	1.8550	0.0000	8,936.0542	8,936.0542	0.4810	0.0000	8,948.0801
2024	2.5141	16.2370	19.3195	0.0938	6.4275	0.1310	6.5585	1.7348	0.1228	1.8576	0.0000	8,809.0297	8,809.0297	0.4716	0.0000	8,820.8205
2025	2.3926	15.7593	18.2797	0.0912	6.4029	0.1183	6.5213	1.7282	0.1108	1.8391	0.0000	8,584.0663	8,584.0663	0.4585	0.0000	8,595.5280
2026	2.3071	15.4936	17.4850	0.0893	6.4029	0.1168	6.5197	1.7282	0.1094	1.8376	0.0000	8,415.8904	8,415.8904	0.4491	0.0000	8,427.1168
2027	2.2230	15.2446	16.7829	0.0877	6.4029	0.1147	6.5176	1.7282	0.1074	1.8356	0.0000	8,266.8019	8,266.8019	0.4409	0.0000	8,277.8242
2028	2.1278	14.9763	16.1272	0.0859	6.3784	0.1116	6.4900	1.7216	0.1046	1.8262	0.0000	8,105.7587	8,105.7587	0.4322	0.0000	8,116.5623
2029	70.1247	15.1907	17.3783	0.0884	6.7934	0.1420	6.9354	1.8312	0.1328	1.9640	0.0000	8,329.6907	8,329.6907	0.4696	0.0000	8,341.4315
Maximum	70.1247	16.5339	20.2386	0.0952	6.7934	0.2333	6.9354	1.8312	0.2155	1.9640	0.0000	8,936.0542	8,936.0542	0.4810	0.0000	8,948.0801

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	1.1154	1.1154

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2	4-1-2021	6-30-2021	1.1485	1.1485
3	7-1-2021	9-30-2021	1.4617	1.4617
4	10-1-2021	12-31-2021	1.6329	1.6329
5	1-1-2022	3-31-2022	1.3689	1.3689
6	4-1-2022	6-30-2022	1.3837	1.3837
7	7-1-2022	9-30-2022	5.4816	5.4816
8	10-1-2022	12-31-2022	5.9250	5.9250
9	1-1-2023	3-31-2023	4.7757	4.7757
10	4-1-2023	6-30-2023	4.7307	4.7307
11	7-1-2023	9-30-2023	4.7827	4.7827
12	10-1-2023	12-31-2023	4.8819	4.8819
13	1-1-2024	3-31-2024	4.6900	4.6900
14	4-1-2024	6-30-2024	4.5969	4.5969
15	7-1-2024	9-30-2024	4.6474	4.6474
16	10-1-2024	12-31-2024	4.7415	4.7415
17	1-1-2025	3-31-2025	4.5068	4.5068
18	4-1-2025	6-30-2025	4.4683	4.4683
19	7-1-2025	9-30-2025	4.5174	4.5174
20	10-1-2025	12-31-2025	4.6069	4.6069
21	1-1-2026	3-31-2026	4.4189	4.4189
22	4-1-2026	6-30-2026	4.3831	4.3831
23	7-1-2026	9-30-2026	4.4313	4.4313
24	10-1-2026	12-31-2026	4.5171	4.5171
25	1-1-2027	3-31-2027	4.3352	4.3352
26	4-1-2027	6-30-2027	4.3024	4.3024
27	7-1-2027	9-30-2027	4.3497	4.3497
28	10-1-2027	12-31-2027	4.4316	4.4316

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29	1-1-2028	3-31-2028	4.3072	4.3072
30	4-1-2028	6-30-2028	4.2302	4.2302
31	7-1-2028	9-30-2028	4.2767	4.2767
32	10-1-2028	12-31-2028	4.3545	4.3545
33	1-1-2029	3-31-2029	4.1826	4.1826
34	4-1-2029	6-30-2029	10.9314	10.9314
35	7-1-2029	9-30-2029	37.0073	37.0073
		Highest	37.0073	37.0073

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	tons/yr										MT/yr					
Area	436.1771	7.9670	515.8108	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8643	0.4938	9,278.9162
Energy	0.6568	5.8021	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	18,652.6276	18,652.6276	0.6156	0.2325	18,737.2892
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,670.1325	0.0000	1,670.1325	98.7020	0.0000	4,137.6826
Water						0.0000	0.0000		0.0000	0.0000	366.3453	3,326.9514	3,693.2967	37.7616	0.9195	4,911.3401
Total	436.8338	13.7691	519.5916	0.8911	0.0000	66.7094	66.7094	0.0000	66.7094	66.7094	8,314.7948	24,686.4080	33,001.2027	142.9434	1.6458	37,065.2282

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	436.1771	7.9670	515.8108	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8643	0.4938	9,278.9162
Energy	0.6568	5.8021	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	18,652.6276	18,652.6276	0.6156	0.2325	18,737.2892
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,670.1325	0.0000	1,670.1325	98.7020	0.0000	4,137.6826
Water						0.0000	0.0000		0.0000	0.0000	366.3453	3,326.9514	3,693.2967	37.7616	0.9195	4,911.3401
Total	436.8338	13.7691	519.5916	0.8911	0.0000	66.7094	66.7094	0.0000	66.7094	66.7094	8,314.7948	24,686.4080	33,001.2027	142.9434	1.6458	37,065.2282

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	6/24/2021	5	125	
2	Site Preparation	Site Preparation	6/25/2021	10/7/2021	5	75	
3	Grading	Grading	10/9/2021	7/7/2022	5	194	
4	Building Construction	Building Construction	7/8/2022	12/20/2029	5	1945	
5	Paving	Paving	6/12/2029	12/20/2029	5	138	
6	Architectural Coating	Architectural Coating	6/12/2029	12/20/2029	5	138	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 485

Acres of Paving: 0

Residential Indoor: 15,622,470; Residential Outdoor: 5,207,490; Non-Residential Indoor: 6,351,000; Non-Residential Outdoor: 2,117,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,006.00	1,344.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,001.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1978	1.9650	1.3478	2.4300e-003		0.0970	0.0970		0.0901	0.0901	0.0000	212.5049	212.5049	0.0598	0.0000	214.0002
Total	0.1978	1.9650	1.3478	2.4300e-003		0.0970	0.0970		0.0901	0.0901	0.0000	212.5049	212.5049	0.0598	0.0000	214.0002

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.2600e-003	2.3300e-003	0.0234	7.0000e-005	7.5200e-003	5.0000e-005	7.5700e-003	2.0000e-003	5.0000e-005	2.0500e-003	0.0000	6.5674	6.5674	1.9000e-004	0.0000	6.5721
Total	3.2600e-003	2.3300e-003	0.0234	7.0000e-005	7.5200e-003	5.0000e-005	7.5700e-003	2.0000e-003	5.0000e-005	2.0500e-003	0.0000	6.5674	6.5674	1.9000e-004	0.0000	6.5721

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	tons/yr										MT/yr					
Off-Road	0.1978	1.9650	1.3478	2.4300e-003		0.0970	0.0970		0.0901	0.0901	0.0000	212.5047	212.5047	0.0598	0.0000	213.9999
Total	0.1978	1.9650	1.3478	2.4300e-003		0.0970	0.0970		0.0901	0.0901	0.0000	212.5047	212.5047	0.0598	0.0000	213.9999

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3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.2600e-003	2.3300e-003	0.0234	7.0000e-005	7.5200e-003	5.0000e-005	7.5700e-003	2.0000e-003	5.0000e-005	2.0500e-003	0.0000	6.5674	6.5674	1.9000e-004	0.0000	6.5721
Total	3.2600e-003	2.3300e-003	0.0234	7.0000e-005	7.5200e-003	5.0000e-005	7.5700e-003	2.0000e-003	5.0000e-005	2.0500e-003	0.0000	6.5674	6.5674	1.9000e-004	0.0000	6.5721

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6775	0.0000	0.6775	0.3724	0.0000	0.3724	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1458	1.5186	0.7933	1.4300e-003		0.0767	0.0767		0.0705	0.0705	0.0000	125.3839	125.3839	0.0406	0.0000	126.3977
Total	0.1458	1.5186	0.7933	1.4300e-003	0.6775	0.0767	0.7542	0.3724	0.0705	0.4429	0.0000	125.3839	125.3839	0.0406	0.0000	126.3977

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3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.3500e-003	1.6700e-003	0.0169	5.0000e-005	5.4100e-003	4.0000e-005	5.4500e-003	1.4400e-003	4.0000e-005	1.4700e-003	0.0000	4.7285	4.7285	1.4000e-004	0.0000	4.7319
Total	2.3500e-003	1.6700e-003	0.0169	5.0000e-005	5.4100e-003	4.0000e-005	5.4500e-003	1.4400e-003	4.0000e-005	1.4700e-003	0.0000	4.7285	4.7285	1.4000e-004	0.0000	4.7319

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	tons/yr										MT/yr					
Fugitive Dust					0.6775	0.0000	0.6775	0.3724	0.0000	0.3724	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1458	1.5186	0.7933	1.4300e-003		0.0767	0.0767		0.0705	0.0705	0.0000	125.3838	125.3838	0.0406	0.0000	126.3976
Total	0.1458	1.5186	0.7933	1.4300e-003	0.6775	0.0767	0.7542	0.3724	0.0705	0.4429	0.0000	125.3838	125.3838	0.0406	0.0000	126.3976

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3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.3500e-003	1.6700e-003	0.0169	5.0000e-005	5.4100e-003	4.0000e-005	5.4500e-003	1.4400e-003	4.0000e-005	1.4700e-003	0.0000	4.7285	4.7285	1.4000e-004	0.0000	4.7319
Total	2.3500e-003	1.6700e-003	0.0169	5.0000e-005	5.4100e-003	4.0000e-005	5.4500e-003	1.4400e-003	4.0000e-005	1.4700e-003	0.0000	4.7285	4.7285	1.4000e-004	0.0000	4.7319

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4378	0.0000	0.4378	0.1271	0.0000	0.1271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1257	1.3920	0.9264	1.8600e-003		0.0596	0.0596		0.0548	0.0548	0.0000	163.4849	163.4849	0.0529	0.0000	164.8068
Total	0.1257	1.3920	0.9264	1.8600e-003	0.4378	0.0596	0.4974	0.1271	0.0548	0.1819	0.0000	163.4849	163.4849	0.0529	0.0000	164.8068

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3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.0900e-003	1.4900e-003	0.0150	5.0000e-005	4.8100e-003	3.0000e-005	4.8500e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	4.2031	4.2031	1.2000e-004	0.0000	4.2062
Total	2.0900e-003	1.4900e-003	0.0150	5.0000e-005	4.8100e-003	3.0000e-005	4.8500e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	4.2031	4.2031	1.2000e-004	0.0000	4.2062

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	tons/yr										MT/yr					
Fugitive Dust					0.4378	0.0000	0.4378	0.1271	0.0000	0.1271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1257	1.3920	0.9264	1.8600e-003		0.0596	0.0596		0.0548	0.0548	0.0000	163.4848	163.4848	0.0529	0.0000	164.8066
Total	0.1257	1.3920	0.9264	1.8600e-003	0.4378	0.0596	0.4974	0.1271	0.0548	0.1819	0.0000	163.4848	163.4848	0.0529	0.0000	164.8066

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3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.0900e-003	1.4900e-003	0.0150	5.0000e-005	4.8100e-003	3.0000e-005	4.8500e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	4.2031	4.2031	1.2000e-004	0.0000	4.2062
Total	2.0900e-003	1.4900e-003	0.0150	5.0000e-005	4.8100e-003	3.0000e-005	4.8500e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	4.2031	4.2031	1.2000e-004	0.0000	4.2062

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6607	0.0000	0.6607	0.2496	0.0000	0.2496	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2429	2.6025	1.9458	4.1600e-003		0.1095	0.1095		0.1008	0.1008	0.0000	365.3818	365.3818	0.1182	0.0000	368.3361
Total	0.2429	2.6025	1.9458	4.1600e-003	0.6607	0.1095	0.7702	0.2496	0.1008	0.3503	0.0000	365.3818	365.3818	0.1182	0.0000	368.3361

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3.4 Grading - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.4100e-003	3.0300e-003	0.0311	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	9.0429	9.0429	2.5000e-004	0.0000	9.0491
Total	4.4100e-003	3.0300e-003	0.0311	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	9.0429	9.0429	2.5000e-004	0.0000	9.0491

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	tons/yr										MT/yr					
Fugitive Dust					0.6607	0.0000	0.6607	0.2496	0.0000	0.2496	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2429	2.6025	1.9458	4.1600e-003		0.1095	0.1095		0.1008	0.1008	0.0000	365.3814	365.3814	0.1182	0.0000	368.3357
Total	0.2429	2.6025	1.9458	4.1600e-003	0.6607	0.1095	0.7702	0.2496	0.1008	0.3503	0.0000	365.3814	365.3814	0.1182	0.0000	368.3357

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3.4 Grading - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.4100e-003	3.0300e-003	0.0311	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	9.0429	9.0429	2.5000e-004	0.0000	9.0491
Total	4.4100e-003	3.0300e-003	0.0311	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	9.0429	9.0429	2.5000e-004	0.0000	9.0491

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1075	0.9838	1.0309	1.7000e-003		0.0510	0.0510		0.0480	0.0480	0.0000	145.9869	145.9869	0.0350	0.0000	146.8613
Total	0.1075	0.9838	1.0309	1.7000e-003		0.0510	0.0510		0.0480	0.0480	0.0000	145.9869	145.9869	0.0350	0.0000	146.8613

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3.5 Building Construction - 2022

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2435	8.2171	2.1970	0.0224	0.5620	0.0159	0.5779	0.1623	0.0152	0.1774	0.0000	2,192.7016	2,192.7016	0.1592	0.0000	2,196.6805
Worker	1.0374	0.7131	7.3149	0.0235	2.5291	0.0175	2.5466	0.6721	0.0161	0.6882	0.0000	2,128.3064	2,128.3064	0.0580	0.0000	2,129.7564
Total	1.2810	8.9302	9.5119	0.0460	3.0911	0.0334	3.1244	0.8343	0.0313	0.8656	0.0000	4,321.0080	4,321.0080	0.2172	0.0000	4,326.4368

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	tons/yr										MT/yr					
Off-Road	0.1075	0.9838	1.0309	1.7000e-003		0.0510	0.0510		0.0480	0.0480	0.0000	145.9867	145.9867	0.0350	0.0000	146.8611
Total	0.1075	0.9838	1.0309	1.7000e-003		0.0510	0.0510		0.0480	0.0480	0.0000	145.9867	145.9867	0.0350	0.0000	146.8611

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3.5 Building Construction - 2022

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2435	8.2171	2.1970	0.0224	0.5620	0.0159	0.5779	0.1623	0.0152	0.1774	0.0000	2,192.7016	2,192.7016	0.1592	0.0000	2,196.6805
Worker	1.0374	0.7131	7.3149	0.0235	2.5291	0.0175	2.5466	0.6721	0.0161	0.6882	0.0000	2,128.3064	2,128.3064	0.0580	0.0000	2,129.7564
Total	1.2810	8.9302	9.5119	0.0460	3.0911	0.0334	3.1244	0.8343	0.0313	0.8656	0.0000	4,321.0080	4,321.0080	0.2172	0.0000	4,326.4368

3.5 Building Construction - 2023

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	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383

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3.5 Building Construction - 2023

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3877	13.3203	4.1283	0.0450	1.1597	0.0160	1.1756	0.3348	0.0153	0.3501	0.0000	4,410.7204	4,410.7204	0.2999	0.0000	4,418.2182
Worker	2.0292	1.3436	13.9986	0.0467	5.2187	0.0354	5.2541	1.3868	0.0326	1.4194	0.0000	4,223.9880	4,223.9880	0.1094	0.0000	4,226.7240
Total	2.4168	14.6638	18.1269	0.0917	6.3784	0.0514	6.4298	1.7216	0.0479	1.7694	0.0000	8,634.7084	8,634.7084	0.4094	0.0000	8,644.9421

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	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380

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3.5 Building Construction - 2023

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3877	13.3203	4.1283	0.0450	1.1597	0.0160	1.1756	0.3348	0.0153	0.3501	0.0000	4,410.7204	4,410.7204	0.2999	0.0000	4,418.2182
Worker	2.0292	1.3436	13.9986	0.0467	5.2187	0.0354	5.2541	1.3868	0.0326	1.4194	0.0000	4,223.9880	4,223.9880	0.1094	0.0000	4,226.7240
Total	2.4168	14.6638	18.1269	0.0917	6.3784	0.0514	6.4298	1.7216	0.0479	1.7694	0.0000	8,634.7084	8,634.7084	0.4094	0.0000	8,644.9421

3.5 Building Construction - 2024

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	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179

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3.5 Building Construction - 2024

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3768	13.2341	4.0280	0.0450	1.1686	0.0157	1.1843	0.3374	0.0150	0.3524	0.0000	4,416.3992	4,416.3992	0.2985	0.0000	4,423.8619
Worker	1.9445	1.2418	13.1737	0.0452	5.2589	0.0350	5.2939	1.3974	0.0323	1.4297	0.0000	4,088.9086	4,088.9086	0.1013	0.0000	4,091.4411
Total	2.3213	14.4759	17.2017	0.0902	6.4275	0.0507	6.4782	1.7348	0.0472	1.7820	0.0000	8,505.3077	8,505.3077	0.3998	0.0000	8,515.3030

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	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175

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3.5 Building Construction - 2024

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3768	13.2341	4.0280	0.0450	1.1686	0.0157	1.1843	0.3374	0.0150	0.3524	0.0000	4,416.3992	4,416.3992	0.2985	0.0000	4,423.8619
Worker	1.9445	1.2418	13.1737	0.0452	5.2589	0.0350	5.2939	1.3974	0.0323	1.4297	0.0000	4,088.9086	4,088.9086	0.1013	0.0000	4,091.4411
Total	2.3213	14.4759	17.2017	0.0902	6.4275	0.0507	6.4782	1.7348	0.0472	1.7820	0.0000	8,505.3077	8,505.3077	0.3998	0.0000	8,515.3030

3.5 Building Construction - 2025

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3642	12.9915	3.9317	0.0445	1.1641	0.0151	1.1793	0.3361	0.0145	0.3506	0.0000	4,372.7785	4,372.7785	0.2942	0.0000	4,380.1331
Worker	1.8500	1.1405	12.2489	0.0432	5.2388	0.0344	5.2731	1.3921	0.0316	1.4237	0.0000	3,908.6333	3,908.6333	0.0931	0.0000	3,910.9617
Total	2.2142	14.1320	16.1806	0.0877	6.4029	0.0495	6.4524	1.7282	0.0461	1.7743	0.0000	8,281.4118	8,281.4118	0.3873	0.0000	8,291.0948

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3642	12.9915	3.9317	0.0445	1.1641	0.0151	1.1793	0.3361	0.0145	0.3506	0.0000	4,372.7785	4,372.7785	0.2942	0.0000	4,380.1331
Worker	1.8500	1.1405	12.2489	0.0432	5.2388	0.0344	5.2731	1.3921	0.0316	1.4237	0.0000	3,908.6333	3,908.6333	0.0931	0.0000	3,910.9617
Total	2.2142	14.1320	16.1806	0.0877	6.4029	0.0495	6.4524	1.7282	0.0461	1.7743	0.0000	8,281.4118	8,281.4118	0.3873	0.0000	8,291.0948

3.5 Building Construction - 2026

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3549	12.8055	3.8754	0.0442	1.1641	0.0147	1.1788	0.3361	0.0140	0.3501	0.0000	4,347.747 2	4,347.747 2	0.2912	0.0000	4,355.025 9
Worker	1.7737	1.0608	11.5106	0.0416	5.2388	0.0333	5.2721	1.3921	0.0306	1.4227	0.0000	3,765.488 6	3,765.488 6	0.0868	0.0000	3,767.657 8
Total	2.1287	13.8663	15.3860	0.0858	6.4029	0.0480	6.4509	1.7282	0.0447	1.7729	0.0000	8,113.235 9	8,113.235 9	0.3779	0.0000	8,122.683 7

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3549	12.8055	3.8754	0.0442	1.1641	0.0147	1.1788	0.3361	0.0140	0.3501	0.0000	4,347.747 2	4,347.747 2	0.2912	0.0000	4,355.025 9
Worker	1.7737	1.0608	11.5106	0.0416	5.2388	0.0333	5.2721	1.3921	0.0306	1.4227	0.0000	3,765.488 6	3,765.488 6	0.0868	0.0000	3,767.657 8
Total	2.1287	13.8663	15.3860	0.0858	6.4029	0.0480	6.4509	1.7282	0.0447	1.7729	0.0000	8,113.235 9	8,113.235 9	0.3779	0.0000	8,122.683 7

3.5 Building Construction - 2027

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3471	12.6271	3.8276	0.0439	1.1641	0.0143	1.1785	0.3361	0.0137	0.3498	0.0000	4,324.7993	4,324.7993	0.2885	0.0000	4,332.0124
Worker	1.6974	0.9902	10.8563	0.0402	5.2388	0.0315	5.2703	1.3921	0.0290	1.4211	0.0000	3,639.3480	3,639.3480	0.0812	0.0000	3,641.3786
Total	2.0445	13.6173	14.6838	0.0841	6.4029	0.0458	6.4487	1.7282	0.0427	1.7709	0.0000	7,964.1474	7,964.1474	0.3697	0.0000	7,973.3910

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3471	12.6271	3.8276	0.0439	1.1641	0.0143	1.1785	0.3361	0.0137	0.3498	0.0000	4,324.7993	4,324.7993	0.2885	0.0000	4,332.0124
Worker	1.6974	0.9902	10.8563	0.0402	5.2388	0.0315	5.2703	1.3921	0.0290	1.4211	0.0000	3,639.3480	3,639.3480	0.0812	0.0000	3,641.3786
Total	2.0445	13.6173	14.6838	0.0841	6.4029	0.0458	6.4487	1.7282	0.0427	1.7709	0.0000	7,964.1474	7,964.1474	0.3697	0.0000	7,973.3910

3.5 Building Construction - 2028

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3396	12.4311	3.7884	0.0435	1.1597	0.0140	1.1737	0.3348	0.0134	0.3482	0.0000	4,289.1195	4,289.1195	0.2850	0.0000	4,296.2453
Worker	1.6104	0.9242	10.2478	0.0388	5.2187	0.0291	5.2478	1.3868	0.0267	1.4135	0.0000	3,515.1442	3,515.1442	0.0762	0.0000	3,517.0502
Total	1.9500	13.3553	14.0362	0.0824	6.3784	0.0430	6.4214	1.7216	0.0401	1.7617	0.0000	7,804.2637	7,804.2637	0.3613	0.0000	7,813.2956

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3396	12.4311	3.7884	0.0435	1.1597	0.0140	1.1737	0.3348	0.0134	0.3482	0.0000	4,289.1195	4,289.1195	0.2850	0.0000	4,296.2453
Worker	1.6104	0.9242	10.2478	0.0388	5.2187	0.0291	5.2478	1.3868	0.0267	1.4135	0.0000	3,515.1442	3,515.1442	0.0762	0.0000	3,517.0502
Total	1.9500	13.3553	14.0362	0.0824	6.3784	0.0430	6.4214	1.7216	0.0401	1.7617	0.0000	7,804.2637	7,804.2637	0.3613	0.0000	7,813.2956

3.5 Building Construction - 2029

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	tons/yr										MT/yr					
Off-Road	0.1737	1.5837	2.0428	3.4200e-003		0.0670	0.0670		0.0630	0.0630	0.0000	294.5377	294.5377	0.0692	0.0000	296.2686
Total	0.1737	1.5837	2.0428	3.4200e-003		0.0670	0.0670		0.0630	0.0630	0.0000	294.5377	294.5377	0.0692	0.0000	296.2686

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3260	11.9956	3.6740	0.0423	1.1329	0.0133	1.1462	0.3271	0.0127	0.3398	0.0000	4,171.8550	4,171.8550	0.2768	0.0000	4,178.7740
Worker	1.4879	0.8469	9.4850	0.0369	5.0983	0.0264	5.1246	1.3548	0.0242	1.3790	0.0000	3,339.3282	3,339.3282	0.0703	0.0000	3,341.0845
Total	1.8140	12.8425	13.1590	0.0792	6.2312	0.0397	6.2709	1.6819	0.0370	1.7188	0.0000	7,511.1832	7,511.1832	0.3470	0.0000	7,519.8586

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	tons/yr										MT/yr					
Off-Road	0.1737	1.5837	2.0428	3.4200e-003		0.0670	0.0670		0.0630	0.0630	0.0000	294.5374	294.5374	0.0692	0.0000	296.2683
Total	0.1737	1.5837	2.0428	3.4200e-003		0.0670	0.0670		0.0630	0.0630	0.0000	294.5374	294.5374	0.0692	0.0000	296.2683

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3260	11.9956	3.6740	0.0423	1.1329	0.0133	1.1462	0.3271	0.0127	0.3398	0.0000	4,171.8550	4,171.8550	0.2768	0.0000	4,178.7740
Worker	1.4879	0.8469	9.4850	0.0369	5.0983	0.0264	5.1246	1.3548	0.0242	1.3790	0.0000	3,339.3282	3,339.3282	0.0703	0.0000	3,341.0845
Total	1.8140	12.8425	13.1590	0.0792	6.2312	0.0397	6.2709	1.6819	0.0370	1.7188	0.0000	7,511.1832	7,511.1832	0.3470	0.0000	7,519.8586

3.6 Paving - 2029

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	tons/yr										MT/yr					
Off-Road	0.0632	0.5921	1.0059	1.5700e-003		0.0289	0.0289		0.0266	0.0266	0.0000	138.1329	138.1329	0.0447	0.0000	139.2497
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0632	0.5921	1.0059	1.5700e-003		0.0289	0.0289		0.0266	0.0266	0.0000	138.1329	138.1329	0.0447	0.0000	139.2497

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3.6 Paving - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392
Total	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392

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	tons/yr										MT/yr					
Off-Road	0.0632	0.5921	1.0059	1.5700e-003		0.0289	0.0289		0.0266	0.0266	0.0000	138.1327	138.1327	0.0447	0.0000	139.2496
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0632	0.5921	1.0059	1.5700e-003		0.0289	0.0289		0.0266	0.0266	0.0000	138.1327	138.1327	0.0447	0.0000	139.2496

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3.6 Paving - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392
Total	2.4200e-003	1.3800e-003	0.0154	6.0000e-005	8.3000e-003	4.0000e-005	8.3400e-003	2.2100e-003	4.0000e-005	2.2400e-003	0.0000	5.4363	5.4363	1.1000e-004	0.0000	5.4392

3.7 Architectural Coating - 2029

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	tons/yr										MT/yr					
Archit. Coating	67.8980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6175	17.6175	9.6000e-004	0.0000	17.6415
Total	67.9098	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6175	17.6175	9.6000e-004	0.0000	17.6415

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3.7 Architectural Coating - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1617	0.0920	1.0304	4.0100e-003	0.5539	2.8600e-003	0.5567	0.1472	2.6300e-003	0.1498	0.0000	362.7837	362.7837	7.6300e-003	0.0000	362.9745
Total	0.1617	0.0920	1.0304	4.0100e-003	0.5539	2.8600e-003	0.5567	0.1472	2.6300e-003	0.1498	0.0000	362.7837	362.7837	7.6300e-003	0.0000	362.9745

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	tons/yr										MT/yr					
Archit. Coating	67.8980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6174	17.6174	9.6000e-004	0.0000	17.6415
Total	67.9098	0.0790	0.1248	2.1000e-004		3.5500e-003	3.5500e-003		3.5500e-003	3.5500e-003	0.0000	17.6174	17.6174	9.6000e-004	0.0000	17.6415

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3.7 Architectural Coating - 2029

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1617	0.0920	1.0304	4.0100e-003	0.5539	2.8600e-003	0.5567	0.1472	2.6300e-003	0.1498	0.0000	362.7837	362.7837	7.6300e-003	0.0000	362.9745
Total	0.1617	0.0920	1.0304	4.0100e-003	0.5539	2.8600e-003	0.5567	0.1472	2.6300e-003	0.1498	0.0000	362.7837	362.7837	7.6300e-003	0.0000	362.9745

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,153.0954	12,153.0954	0.4910	0.1133	12,199.1336
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,153.0954	12,153.0954	0.4910	0.1133	12,199.1336
NaturalGas Mitigated	0.6568	5.8021	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	6,499.5322	6,499.5322	0.1246	0.1192	6,538.1557
NaturalGas Unmitigated	0.6568	5.8021	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	6,499.5322	6,499.5322	0.1246	0.1192	6,538.1557

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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	tons/yr										MT/yr					
Apartments Low Rise	3.02073e+007	0.1629	1.3919	0.5923	8.8800e-003		0.1125	0.1125		0.1125	0.1125	0.0000	1,611.9744	1,611.9744	0.0309	0.0296	1,621.5536
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.3376e+007	0.3417	3.1067	2.6096	0.0186		0.2361	0.2361		0.2361	0.2361	0.0000	3,381.9858	3,381.9858	0.0648	0.0620	3,402.0832
Single Family Housing	2.7022e+007	0.1457	1.2451	0.5298	7.9500e-003		0.1007	0.1007		0.1007	0.1007	0.0000	1,441.9986	1,441.9986	0.0276	0.0264	1,450.5677
Total		0.6567	5.8021	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	6,499.5322	6,499.5322	0.1246	0.1192	6,538.1557

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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	tons/yr										MT/yr					
Apartments Low Rise	3.02073e+007	0.1629	1.3919	0.5923	8.8800e-003		0.1125	0.1125		0.1125	0.1125	0.0000	1,611.9744	1,611.9744	0.0309	0.0296	1,621.5536
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.3376e+007	0.3417	3.1067	2.6096	0.0186		0.2361	0.2361		0.2361	0.2361	0.0000	3,381.9858	3,381.9858	0.0648	0.0620	3,402.0832
Single Family Housing	2.7022e+007	0.1457	1.2451	0.5298	7.9500e-003		0.1007	0.1007		0.1007	0.1007	0.0000	1,441.9986	1,441.9986	0.0276	0.0264	1,450.5677
Total		0.6567	5.8021	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	6,499.5322	6,499.5322	0.1246	0.1192	6,538.1557

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.65543e+007	2,416.2849	0.0976	0.0225	2,425.4382
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	4.95807e+007	7,236.8757	0.2924	0.0675	7,264.2903
Single Family Housing	1.62052e+007	2,365.3291	0.0956	0.0221	2,374.2894
Total		12,153.0954	0.4910	0.1133	12,199.1336

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.65543e+007	2,416.2849	0.0976	0.0225	2,425.4382
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	4.95807e+007	7,236.8757	0.2924	0.0675	7,264.2903
Single Family Housing	1.62052e+007	2,365.3291	0.0956	0.0221	2,374.2894
Total		12,153.0954	0.4910	0.1133	12,199.1336

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	436.1771	7.9670	515.8108	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8643	0.4938	9,278.9162
Unmitigated	436.1771	7.9670	515.8108	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8643	0.4938	9,278.9162

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	tons/yr										MT/yr					
Architectural Coating	6.7898					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	46.6660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	381.3714	7.4477	470.7615	0.8529		66.0053	66.0053		66.0053	66.0053	6,278.3169	2,633.0346	8,911.3515	5.7938	0.4938	9,203.3610
Landscaping	1.3498	0.5192	45.0493	2.3900e-003		0.2504	0.2504		0.2504	0.2504	0.0000	73.7945	73.7945	0.0704	0.0000	75.5552
Total	436.1770	7.9670	515.8108	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8643	0.4938	9,278.9162

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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	tons/yr										MT/yr					
Architectural Coating	6.7898					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	46.6660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	381.3714	7.4477	470.7615	0.8529		66.0053	66.0053		66.0053	66.0053	6,278.3169	2,633.0346	8,911.3515	5.7938	0.4938	9,203.3610
Landscaping	1.3498	0.5192	45.0493	2.3900e-003		0.2504	0.2504		0.2504	0.2504	0.0000	73.7945	73.7945	0.0704	0.0000	75.5552
Total	436.1770	7.9670	515.8108	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8643	0.4938	9,278.9162

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,693.296 7	37.7616	0.9195	4,911.3401
Unmitigated	3,693.296 7	37.7616	0.9195	4,911.3401

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	262.701 / 165.616	851.1912	8.5911	0.2093	1,128.3355
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	731.908 / 448.589	2,350.6836	23.9348	0.5829	3,122.7526
Single Family Housing	133.305 / 84.0402	431.9289	4.3595	0.1062	572.5631
Total		3,693.2967	37.7616	0.9195	4,911.3401

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	262.701 / 165.616	851.1912	8.5911	0.2093	1,128.3355
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	731.908 / 448.589	2,350.6836	23.9348	0.5829	3,122.7526
Single Family Housing	133.305 / 84.0402	431.9289	4.3595	0.1062	572.5631
Total		3,693.2967	37.7616	0.9195	4,911.3401

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,670.1325	98.7020	0.0000	4,137.6826
Unmitigated	1,670.1325	98.7020	0.0000	4,137.6826

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1854.72	376.4914	22.2500	0.0000	932.7415
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3829.74	777.4026	45.9432	0.0000	1,925.9821
Single Family Housing	2399.32	487.0403	28.7833	0.0000	1,206.6217
Total		1,670.1325	98.7020	0.0000	4,137.6826

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1854.72	376.4914	22.2500	0.0000	932.7415
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3829.74	777.4026	45.9432	0.0000	1,925.9821
Single Family Housing	2399.32	487.0403	28.7833	0.0000	1,206.6217
Total		1,670.1325	98.7020	0.0000	4,137.6826

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

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Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,118.00	1000sqft	94.54	4,118,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	4,032.00	Dwelling Unit	252.00	4,032,000.00	11532
Single Family Housing	2,046.00	Dwelling Unit	664.29	3,682,800.00	5852

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - SDG&E intensity factors adjusted for 2030

Land Use -

Construction Phase - Adjusted schedule to meet 2030 buildout

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	11,000.00	138.00
tblConstructionPhase	NumDays	155,000.00	1,945.00
tblConstructionPhase	NumDays	10,000.00	125.00
tblConstructionPhase	NumDays	15,500.00	194.00
tblConstructionPhase	NumDays	11,000.00	138.00
tblConstructionPhase	NumDays	6,000.00	75.00
tblConstructionPhase	PhaseEndDate	3/12/2820	12/20/2029

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tblConstructionPhase	PhaseEndDate	11/14/2735	12/20/2029
tblConstructionPhase	PhaseEndDate	5/1/2059	6/24/2021
tblConstructionPhase	PhaseEndDate	9/28/2141	7/7/2022
tblConstructionPhase	PhaseEndDate	1/12/2778	12/20/2029
tblConstructionPhase	PhaseEndDate	4/30/2082	10/7/2021
tblConstructionPhase	PhaseStartDate	1/13/2778	6/12/2029
tblConstructionPhase	PhaseStartDate	9/29/2141	7/8/2022
tblConstructionPhase	PhaseStartDate	5/1/2082	10/9/2021
tblConstructionPhase	PhaseStartDate	11/15/2735	6/12/2029
tblConstructionPhase	PhaseStartDate	5/2/2059	6/25/2021
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.88
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00

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tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Proposed Project - Village Focused - 2030 - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2604	46.4448	31.4089	0.0637	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,169.9316	6,169.9316	1.9475	0.0000	6,218.6178
2022	21.8551	155.2107	172.8627	0.7809	50.2214	1.6360	51.5556	13.5269	1.5051	14.7805	0.0000	80,619.0859	80,619.0859	4.3909	0.0000	80,728.8571
2023	19.9863	125.5730	161.1935	0.7559	50.2214	1.0921	51.3135	13.5269	1.0239	14.5508	0.0000	78,137.8482	78,137.8482	4.0673	0.0000	78,239.5309
2024	19.0045	122.4386	152.7140	0.7382	50.2214	0.9978	51.2192	13.5269	0.9350	14.4619	0.0000	76,406.8714	76,406.8714	3.9565	0.0000	76,505.7833
2025	18.1421	119.3442	144.9927	0.7208	50.2214	0.9046	51.1260	13.5269	0.8473	14.3742	0.0000	74,708.4901	74,708.4901	3.8601	0.0000	74,804.9920
2026	17.4788	117.3866	138.6368	0.7055	50.2213	0.8933	51.1146	13.5269	0.8368	14.3637	0.0000	73,216.7993	73,216.7993	3.7806	0.0000	73,311.3140
2027	16.8284	115.5530	133.0178	0.6920	50.2213	0.8771	51.0984	13.5269	0.8217	14.3486	0.0000	71,895.9108	71,895.9108	3.7116	0.0000	71,988.7000
2028	16.1617	113.9978	128.2528	0.6802	50.2213	0.8571	51.0785	13.5269	0.8033	14.3301	0.0000	70,745.1613	70,745.1613	3.6518	0.0000	70,836.4574
2029	1,002.9104	123.3990	156.3157	0.7577	58.5675	1.3508	59.9183	15.7407	1.2614	17.0021	0.0000	78,409.6343	78,409.6343	4.4602	0.0000	78,521.1388
Maximum	1,002.9104	155.2107	172.8627	0.7809	58.5675	2.0455	59.9183	15.7407	1.8819	17.0021	0.0000	80,619.0859	80,619.0859	4.4602	0.0000	80,728.8571

Proposed Project - Village Focused - 2030 - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	4.2604	46.4448	31.4089	0.0637	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,169.9316	6,169.9316	1.9475	0.0000	6,218.6178
2022	21.8551	155.2107	172.8627	0.7809	50.2214	1.6360	51.5556	13.5269	1.5051	14.7805	0.0000	80,619.0859	80,619.0859	4.3909	0.0000	80,728.8571
2023	19.9863	125.5730	161.1935	0.7559	50.2214	1.0921	51.3135	13.5269	1.0239	14.5508	0.0000	78,137.8482	78,137.8482	4.0673	0.0000	78,239.5309
2024	19.0045	122.4386	152.7140	0.7382	50.2214	0.9978	51.2192	13.5269	0.9350	14.4619	0.0000	76,406.8714	76,406.8714	3.9565	0.0000	76,505.7833
2025	18.1421	119.3442	144.9927	0.7208	50.2214	0.9046	51.1260	13.5269	0.8473	14.3742	0.0000	74,708.4901	74,708.4901	3.8601	0.0000	74,804.9920
2026	17.4788	117.3866	138.6368	0.7055	50.2213	0.8933	51.1146	13.5269	0.8368	14.3637	0.0000	73,216.7993	73,216.7993	3.7806	0.0000	73,311.3140
2027	16.8284	115.5530	133.0178	0.6920	50.2213	0.8771	51.0984	13.5269	0.8217	14.3486	0.0000	71,895.9108	71,895.9108	3.7116	0.0000	71,988.7000
2028	16.1617	113.9978	128.2528	0.6802	50.2213	0.8571	51.0785	13.5269	0.8033	14.3301	0.0000	70,745.1613	70,745.1613	3.6518	0.0000	70,836.4574
2029	1,002.9104	123.3990	156.3157	0.7577	58.5675	1.3508	59.9183	15.7407	1.2614	17.0021	0.0000	78,409.6343	78,409.6343	4.4602	0.0000	78,521.1388
Maximum	1,002.9104	155.2107	172.8627	0.7809	58.5675	2.0455	59.9183	15.7407	1.8819	17.0021	0.0000	80,619.0859	80,619.0859	4.4602	0.0000	80,728.8571

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Proposed Project - Village Focused - 2030 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601
Energy	3.5986	31.7923	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655
Mobile	0.0000	0.0000	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	9,613.2462	219.2139	12,003.2528	21.0249	0.0000	1,615.1529	1,615.1529	0.0000	1,615.1529	1,615.1529	168,796.5794	110,952.2284	279,748.8078	157.3863	13.9969	287,854.5256

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	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601
Energy	3.5986	31.7923	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655
Mobile	0.0000	0.0000	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	9,613.2462	219.2139	12,003.2528	21.0249	0.0000	1,615.1529	1,615.1529	0.0000	1,615.1529	1,615.1529	168,796.5794	110,952.2284	279,748.8078	157.3863	13.9969	287,854.5256

Proposed Project - Village Focused - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	6/24/2021	5	125	
2	Site Preparation	Site Preparation	6/25/2021	10/7/2021	5	75	
3	Grading	Grading	10/9/2021	7/7/2022	5	194	
4	Building Construction	Building Construction	7/8/2022	12/20/2029	5	1945	
5	Paving	Paving	6/12/2029	12/20/2029	5	138	
6	Architectural Coating	Architectural Coating	6/12/2029	12/20/2029	5	138	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 485

Acres of Paving: 0

Residential Indoor: 15,622,470; Residential Outdoor: 5,207,490; Non-Residential Indoor: 6,351,000; Non-Residential Outdoor: 2,117,000;
 Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Proposed Project - Village Focused - 2030 - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Proposed Project - Village Focused - 2030 - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,006.00	1,344.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,001.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.0434	6,007.0434	1.9428		6,055.6134

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044
Total	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044
Total	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006		6,011.4105	6,011.4105	1.9442		6,060.0158

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.4 Grading - 2022

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	0.0654	0.0410	0.4933	1.5700e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		156.9120	156.9120	4.2600e-003		157.0185
Total	0.0654	0.0410	0.4933	1.5700e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		156.9120	156.9120	4.2600e-003		157.0185

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.4 Grading - 2022

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	0.0654	0.0410	0.4933	1.5700e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		156.9120	156.9120	4.2600e-003		157.0185
Total	0.0654	0.0410	0.4933	1.5700e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		156.9120	156.9120	4.2600e-003		157.0185

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2022

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	3.7794	129.3368	33.0316	0.3600	9.0983	0.2473	9.3456	2.6191	0.2365	2.8556		38,789.69 15	38,789.69 15	2.7123		38,857.49 77
Worker	16.3694	10.2583	123.4677	0.3940	41.1231	0.2779	41.4010	10.9078	0.2559	11.1637		39,275.06 08	39,275.06 08	1.0667		39,301.72 72
Total	20.1488	139.5950	156.4993	0.7540	50.2214	0.5252	50.7466	13.5269	0.4924	14.0193		78,064.75 23	78,064.75 23	3.7789		78,159.22 49

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2022

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	3.7794	129.3368	33.0316	0.3600	9.0983	0.2473	9.3456	2.6191	0.2365	2.8556		38,789.69 15	38,789.69 15	2.7123		38,857.49 77
Worker	16.3694	10.2583	123.4677	0.3940	41.1231	0.2779	41.4010	10.9078	0.2559	11.1637		39,275.06 08	39,275.06 08	1.0667		39,301.72 72
Total	20.1488	139.5950	156.4993	0.7540	50.2214	0.5252	50.7466	13.5269	0.4924	14.0193		78,064.75 23	78,064.75 23	3.7789		78,159.22 49

3.5 Building Construction - 2023

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.209 9	2,555.209 9	0.6079		2,570.406 1
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.209 9	2,555.209 9	0.6079		2,570.406 1

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2023

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	2.9140	101.8199	30.2578	0.3501	9.0983	0.1200	9.2183	2.6191	0.1147	2.7338		37,809.00 94	37,809.00 94	2.4831		37,871.08 59
Worker	15.4995	9.3682	114.6917	0.3789	41.1231	0.2724	41.3955	10.9078	0.2508	11.1586		37,773.62 89	37,773.62 89	0.9764		37,798.03 89
Total	18.4135	111.1881	144.9495	0.7290	50.2214	0.3924	50.6138	13.5269	0.3655	13.8924		75,582.63 83	75,582.63 83	3.4595		75,669.12 48

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2023

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	2.9140	101.8199	30.2578	0.3501	9.0983	0.1200	9.2183	2.6191	0.1147	2.7338		37,809.00 94	37,809.00 94	2.4831		37,871.08 59
Worker	15.4995	9.3682	114.6917	0.3789	41.1231	0.2724	41.3955	10.9078	0.2508	11.1586		37,773.62 89	37,773.62 89	0.9764		37,798.03 89
Total	18.4135	111.1881	144.9495	0.7290	50.2214	0.3924	50.6138	13.5269	0.3655	13.8924		75,582.63 83	75,582.63 83	3.4595		75,669.12 48

3.5 Building Construction - 2024

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2024

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	2.8112	100.4007	29.3142	0.3473	9.0983	0.1171	9.2153	2.6191	0.1119	2.7310		37,565.8268	37,565.8268	2.4545		37,627.1891
Worker	14.7217	8.5941	107.2330	0.3639	41.1231	0.2674	41.3905	10.9078	0.2462	11.1540		36,285.3457	36,285.3457	0.8976		36,307.7866
Total	17.5329	108.9948	136.5472	0.7112	50.2214	0.3845	50.6059	13.5269	0.3581	13.8850		73,851.1725	73,851.1725	3.3521		73,934.9757

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2024

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	2.8112	100.4007	29.3142	0.3473	9.0983	0.1171	9.2153	2.6191	0.1119	2.7310		37,565.82 68	37,565.82 68	2.4545		37,627.18 91
Worker	14.7217	8.5941	107.2330	0.3639	41.1231	0.2674	41.3905	10.9078	0.2462	11.1540		36,285.34 57	36,285.34 57	0.8976		36,307.78 66
Total	17.5329	108.9948	136.5472	0.7112	50.2214	0.3845	50.6059	13.5269	0.3581	13.8850		73,851.17 25	73,851.17 25	3.3521		73,934.97 57

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2025

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	2.7287	98.9499	28.7416	0.3447	9.0983	0.1138	9.2121	2.6191	0.1088	2.7279		37,334.70 39	37,334.70 39	2.4302		37,395.45 82
Worker	14.0460	7.9247	100.1664	0.3491	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		34,817.311 8	34,817.311 8	0.8290		34,838.03 57
Total	16.7747	106.8746	128.9081	0.6938	50.2214	0.3770	50.5984	13.5269	0.3511	13.8779		72,152.01 57	72,152.01 57	3.2591		72,233.49 39

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2025

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	2.7287	98.9499	28.7416	0.3447	9.0983	0.1138	9.2121	2.6191	0.1088	2.7279		37,334.70 39	37,334.70 39	2.4302		37,395.45 82
Worker	14.0460	7.9247	100.1664	0.3491	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		34,817.311 8	34,817.311 8	0.8290		34,838.03 57
Total	16.7747	106.8746	128.9081	0.6938	50.2214	0.3770	50.5984	13.5269	0.3511	13.8779		72,152.01 57	72,152.01 57	3.2591		72,233.49 39

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2026

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	2.6595	97.5453	28.3470	0.3423	9.0982	0.1107	9.2089	2.6191	0.1058	2.7249		37,118.4076	37,118.4076	2.4069		37,178.5792
Worker	13.4519	7.3716	94.2052	0.3363	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		33,541.9173	33,541.9173	0.7728		33,561.2368
Total	16.1114	104.9169	122.5521	0.6786	50.2213	0.3657	50.5871	13.5269	0.3405	13.8674		70,660.3249	70,660.3249	3.1796		70,739.8159

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2026

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	2.6595	97.5453	28.3470	0.3423	9.0982	0.1107	9.2089	2.6191	0.1058	2.7249		37,118.4076	37,118.4076	2.4069		37,178.5792
Worker	13.4519	7.3716	94.2052	0.3363	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		33,541.9173	33,541.9173	0.7728		33,561.2368
Total	16.1114	104.9169	122.5521	0.6786	50.2213	0.3657	50.5871	13.5269	0.3405	13.8674		70,660.3249	70,660.3249	3.1796		70,739.8159

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2027

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	2.6010	96.2015	28.0103	0.3401	9.0982	0.1082	9.2064	2.6191	0.1034	2.7225		36,920.54 65	36,920.54 65	2.3868		36,980.21 57
Worker	12.8600	6.8818	88.9229	0.3250	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		32,418.88 99	32,418.88 99	0.7239		32,436.98 63
Total	15.4610	103.0833	116.9331	0.6651	50.2213	0.3495	50.5708	13.5269	0.3254	13.8523		69,339.43 64	69,339.43 64	3.1106		69,417.20 19

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2027

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	2.6010	96.2015	28.0103	0.3401	9.0982	0.1082	9.2064	2.6191	0.1034	2.7225		36,920.54 65	36,920.54 65	2.3868		36,980.21 57
Worker	12.8600	6.8818	88.9229	0.3250	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		32,418.88 99	32,418.88 99	0.7239		32,436.98 63
Total	15.4610	103.0833	116.9331	0.6651	50.2213	0.3495	50.5708	13.5269	0.3254	13.8523		69,339.43 64	69,339.43 64	3.1106		69,417.20 19

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2028

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	2.5553	95.0795	27.8427	0.3382	9.0982	0.1061	9.2043	2.6191	0.1014	2.7205		36,754.69 13	36,754.69 13	2.3685		36,813.90 33
Worker	12.2390	6.4487	84.3254	0.3151	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		31,433.99 57	31,433.99 57	0.6824		31,451.05 59
Total	14.7943	101.5282	112.1681	0.6533	50.2213	0.3296	50.5509	13.5269	0.3070	13.8339		68,188.68 70	68,188.68 70	3.0509		68,264.95 93

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2028

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	2.5553	95.0795	27.8427	0.3382	9.0982	0.1061	9.2043	2.6191	0.1014	2.7205		36,754.69 13	36,754.69 13	2.3685		36,813.90 33
Worker	12.2390	6.4487	84.3254	0.3151	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		31,433.99 57	31,433.99 57	0.6824		31,451.05 59
Total	14.7943	101.5282	112.1681	0.6533	50.2213	0.3296	50.5509	13.5269	0.3070	13.8339		68,188.68 70	68,188.68 70	3.0509		68,264.95 93

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2029

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	2.5114	93.9237	27.6521	0.3363	9.0982	0.1036	9.2018	2.6191	0.0990	2.7181		36,592.1511	36,592.1511	2.3554		36,651.0355
Worker	11.5684	6.0504	79.9628	0.3064	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		30,568.7007	30,568.7007	0.6441		30,584.8025
Total	14.0798	99.9742	107.6150	0.6427	50.2213	0.3111	50.5324	13.5269	0.2899	13.8168		67,160.8517	67,160.8517	2.9995		67,235.8380

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.5 Building Construction - 2029

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	2.5114	93.9237	27.6521	0.3363	9.0982	0.1036	9.2018	2.6191	0.0990	2.7181		36,592.1511	36,592.1511	2.3554		36,651.0355
Worker	11.5684	6.0504	79.9628	0.3064	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		30,568.7007	30,568.7007	0.6441		30,584.8025
Total	14.0798	99.9742	107.6150	0.6427	50.2213	0.3111	50.5324	13.5269	0.2899	13.8168		67,160.8517	67,160.8517	2.9995		67,235.8380

3.6 Paving - 2029

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.6 Paving - 2029

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	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444
Total	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.6 Paving - 2029

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	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444
Total	0.0347	0.0181	0.2396	9.2000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		91.5962	91.5962	1.9300e-003		91.6444

3.7 Architectural Coating - 2029

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	984.0293					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	984.2002	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.7 Architectural Coating - 2029

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	2.3132	1.2099	15.9894	0.0613	8.2230	0.0415	8.2645	2.1811	0.0382	2.2193		6,112.5189	6,112.5189	0.1288		6,115.7386
Total	2.3132	1.2099	15.9894	0.0613	8.2230	0.0415	8.2645	2.1811	0.0382	2.2193		6,112.5189	6,112.5189	0.1288		6,115.7386

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	984.0293					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	984.2002	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Proposed Project - Village Focused - 2030 - San Diego County, Summer

3.7 Architectural Coating - 2029

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	2.3132	1.2099	15.9894	0.0613	8.2230	0.0415	8.2645	2.1811	0.0382	2.2193		6,112.5189	6,112.5189	0.1288		6,115.7386
Total	2.3132	1.2099	15.9894	0.0613	8.2230	0.0415	8.2645	2.1811	0.0382	2.2193		6,112.5189	6,112.5189	0.1288		6,115.7386

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Proposed Project - Village Focused - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Proposed Project - Village Focused - 2030 - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	3.5986	31.7923	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655
NaturalGas Unmitigated	3.5986	31.7923	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655

Proposed Project - Village Focused - 2030 - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	82759.6	0.8925	7.6269	3.2455	0.0487		0.6166	0.6166		0.6166	0.6166		9,736.4255	9,736.4255	0.1866	0.1785	9,794.2842
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7924	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655

Proposed Project - Village Focused - 2030 - San Diego County, Summer

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					
Apartments Low Rise	82.7596	0.8925	7.6269	3.2455	0.0487		0.6166	0.6166		0.6166	0.6166		9,736.4255	9,736.4255	0.1866	0.1785	9,794.2842
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74.033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7924	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655

6.0 Area Detail

6.1 Mitigation Measures Area

Proposed Project - Village Focused - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601
Unmitigated	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601

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	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9,301.7406	181.6523	11,481.9884	20.8021		1,609.8842	1,609.8842		1,609.8842	1,609.8842	168,796.5794	70,790.8235	239,587.4029	155.7712	13.2771	247,438.2670
Landscaping	14.9983	5.7693	500.5477	0.0265		2.7824	2.7824		2.7824	2.7824		903.8275	903.8275	0.8626		925.3932
Total	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601

Proposed Project - Village Focused - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9,301.7406	181.6523	11,481.9884	20.8021		1,609.8842	1,609.8842		1,609.8842	1,609.8842	168,796.5794	70,790.8235	239,587.4029	155.7712	13.2771	247,438.2670
Landscaping	14.9983	5.7693	500.5477	0.0265		2.7824	2.7824		2.7824	2.7824		903.8275	903.8275	0.8626		925.3932
Total	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Proposed Project - Village Focused - 2030 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Proposed Project - Village Focused - 2030 - San Diego County, Winter

Proposed Project - Village Focused - 2030
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,118.00	1000sqft	94.54	4,118,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	4,032.00	Dwelling Unit	252.00	4,032,000.00	11532
Single Family Housing	2,046.00	Dwelling Unit	664.29	3,682,800.00	5852

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Proposed Project - Village Focused - 2030 - San Diego County, Winter

Project Characteristics - SDG&E intensity factors adjusted for 2030

Land Use -

Construction Phase - Adjusted schedule to meet 2030 buildout

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	11,000.00	138.00
tblConstructionPhase	NumDays	155,000.00	1,945.00
tblConstructionPhase	NumDays	10,000.00	125.00
tblConstructionPhase	NumDays	15,500.00	194.00
tblConstructionPhase	NumDays	11,000.00	138.00
tblConstructionPhase	NumDays	6,000.00	75.00
tblConstructionPhase	PhaseEndDate	3/12/2820	12/20/2029

Proposed Project - Village Focused - 2030 - San Diego County, Winter

tblConstructionPhase	PhaseEndDate	11/14/2735	12/20/2029
tblConstructionPhase	PhaseEndDate	5/1/2059	6/24/2021
tblConstructionPhase	PhaseEndDate	9/28/2141	7/7/2022
tblConstructionPhase	PhaseEndDate	1/12/2778	12/20/2029
tblConstructionPhase	PhaseEndDate	4/30/2082	10/7/2021
tblConstructionPhase	PhaseStartDate	1/13/2778	6/12/2029
tblConstructionPhase	PhaseStartDate	9/29/2141	7/8/2022
tblConstructionPhase	PhaseStartDate	5/1/2082	10/9/2021
tblConstructionPhase	PhaseStartDate	11/15/2735	6/12/2029
tblConstructionPhase	PhaseStartDate	5/2/2059	6/25/2021
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.88
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00

Proposed Project - Village Focused - 2030 - San Diego County, Winter

tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Proposed Project - Village Focused - 2030 - San Diego County, Winter

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					
2021	4.2696	46.4503	31.3771	0.0636	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,159.9530	6,159.9530	1.9472	0.0000	6,208.6328
2022	24.2991	156.0267	168.9464	0.7476	50.2214	1.6360	51.5661	13.5269	1.5051	14.7905	0.0000	77,204.9963	77,204.9963	4.4954	0.0000	77,317.3808
2023	22.3178	126.2605	156.8044	0.7239	50.2214	1.0988	51.3202	13.5269	1.0304	14.5572	0.0000	74,852.4413	74,852.4413	4.1465	0.0000	74,956.1031
2024	21.2714	123.0357	148.5348	0.7072	50.2214	1.0037	51.2251	13.5269	0.9406	14.4675	0.0000	73,226.8903	73,226.8903	4.0336	0.0000	73,327.7292
2025	20.3491	119.8624	141.0918	0.6909	50.2214	0.9097	51.1311	13.5269	0.8522	14.3791	0.0000	71,631.5942	71,631.5942	3.9348	0.0000	71,729.9642
2026	19.6373	117.8399	134.9683	0.6765	50.2213	0.8978	51.1191	13.5269	0.8410	14.3679	0.0000	70,229.7497	70,229.7497	3.8527	0.0000	70,326.0672
2027	18.9303	115.9434	129.5616	0.6638	50.2213	0.8810	51.1024	13.5269	0.8255	14.3524	0.0000	68,986.3964	68,986.3964	3.7815	0.0000	69,080.9328
2028	18.1893	114.3397	124.9933	0.6527	50.2213	0.8607	51.0820	13.5269	0.8066	14.3335	0.0000	67,903.7459	67,903.7459	3.7194	0.0000	67,996.7315
2029	1,005.2171	123.8425	152.0871	0.7269	58.5675	1.3539	59.9214	15.7407	1.2644	17.0050	0.0000	75,248.7402	75,248.7402	4.5178	0.0000	75,361.6837
Maximum	1,005.2171	156.0267	168.9464	0.7476	58.5675	2.0455	59.9214	15.7407	1.8819	17.0050	0.0000	77,204.9963	77,204.9963	4.5178	0.0000	77,317.3808

Proposed Project - Village Focused - 2030 - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	4.2696	46.4503	31.3771	0.0636	18.2141	2.0455	20.2596	9.9699	1.8819	11.8517	0.0000	6,159.9529	6,159.9529	1.9472	0.0000	6,208.6328
2022	24.2991	156.0267	168.9464	0.7476	50.2214	1.6360	51.5661	13.5269	1.5051	14.7905	0.0000	77,204.9963	77,204.9963	4.4954	0.0000	77,317.3808
2023	22.3178	126.2605	156.8044	0.7239	50.2214	1.0988	51.3202	13.5269	1.0304	14.5572	0.0000	74,852.4413	74,852.4413	4.1465	0.0000	74,956.1031
2024	21.2714	123.0357	148.5348	0.7072	50.2214	1.0037	51.2251	13.5269	0.9406	14.4675	0.0000	73,226.8903	73,226.8903	4.0336	0.0000	73,327.7292
2025	20.3491	119.8624	141.0918	0.6909	50.2214	0.9097	51.1311	13.5269	0.8522	14.3791	0.0000	71,631.5942	71,631.5942	3.9348	0.0000	71,729.9642
2026	19.6373	117.8399	134.9683	0.6765	50.2213	0.8978	51.1191	13.5269	0.8410	14.3679	0.0000	70,229.7497	70,229.7497	3.8527	0.0000	70,326.0672
2027	18.9303	115.9434	129.5616	0.6638	50.2213	0.8810	51.1024	13.5269	0.8255	14.3524	0.0000	68,986.3964	68,986.3964	3.7815	0.0000	69,080.9328
2028	18.1893	114.3397	124.9933	0.6527	50.2213	0.8607	51.0820	13.5269	0.8066	14.3335	0.0000	67,903.7459	67,903.7459	3.7194	0.0000	67,996.7315
2029	1,005.2171	123.8425	152.0871	0.7269	58.5675	1.3539	59.9214	15.7407	1.2644	17.0050	0.0000	75,248.7402	75,248.7402	4.5178	0.0000	75,361.6837
Maximum	1,005.2171	156.0267	168.9464	0.7476	58.5675	2.0455	59.9214	15.7407	1.8819	17.0050	0.0000	77,204.9963	77,204.9963	4.5178	0.0000	77,317.3808

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Proposed Project - Village Focused - 2030 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601
Energy	3.5986	31.7923	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655
Mobile	0.0000	0.0000	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	9,613.2462	219.2139	12,003.2528	21.0249	0.0000	1,615.1529	1,615.1529	0.0000	1,615.1529	1,615.1529	168,796.5794	110,952.2284	279,748.8078	157.3863	13.9969	287,854.5256

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	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601
Energy	3.5986	31.7923	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655
Mobile	0.0000	0.0000	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	9,613.2462	219.2139	12,003.2528	21.0249	0.0000	1,615.1529	1,615.1529	0.0000	1,615.1529	1,615.1529	168,796.5794	110,952.2284	279,748.8078	157.3863	13.9969	287,854.5256

Proposed Project - Village Focused - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	6/24/2021	5	125	
2	Site Preparation	Site Preparation	6/25/2021	10/7/2021	5	75	
3	Grading	Grading	10/9/2021	7/7/2022	5	194	
4	Building Construction	Building Construction	7/8/2022	12/20/2029	5	1945	
5	Paving	Paving	6/12/2029	12/20/2029	5	138	
6	Architectural Coating	Architectural Coating	6/12/2029	12/20/2029	5	138	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 485

Acres of Paving: 0

Residential Indoor: 15,622,470; Residential Outdoor: 5,207,490; Non-Residential Indoor: 6,351,000; Non-Residential Outdoor: 2,117,000;
 Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Proposed Project - Village Focused - 2030 - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Proposed Project - Village Focused - 2030 - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,006.00	1,344.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,001.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.0434	6,007.0434	1.9428		6,055.6134

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193
Total	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193
Total	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006		6,011.4105	6,011.4105	1.9442		6,060.0158

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.4 Grading - 2022

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	0.0743	0.0460	0.4627	1.4800e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		147.3051	147.3051	4.0200e-003		147.4057
Total	0.0743	0.0460	0.4627	1.4800e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		147.3051	147.3051	4.0200e-003		147.4057

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.4 Grading - 2022

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	0.0743	0.0460	0.4627	1.4800e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		147.3051	147.3051	4.0200e-003		147.4057
Total	0.0743	0.0460	0.4627	1.4800e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0200e-003	0.0446		147.3051	147.3051	4.0200e-003		147.4057

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2022

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	3.9850	128.8992	36.7694	0.3508	9.0983	0.2578	9.3561	2.6191	0.2465	2.8656		37,780.19 18	37,780.19 18	2.8768		37,852.110 6
Worker	18.6079	11.5119	115.8136	0.3699	41.1231	0.2779	41.4010	10.9078	0.2559	11.1637		36,870.47 08	36,870.47 08	1.0067		36,895.63 79
Total	22.5929	140.4110	152.5830	0.7207	50.2214	0.5356	50.7571	13.5269	0.5024	14.0293		74,650.66 27	74,650.66 27	3.8834		74,747.74 86

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2022

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	3.9850	128.8992	36.7694	0.3508	9.0983	0.2578	9.3561	2.6191	0.2465	2.8656		37,780.1918	37,780.1918	2.8768		37,852.1106
Worker	18.6079	11.5119	115.8136	0.3699	41.1231	0.2779	41.4010	10.9078	0.2559	11.1637		36,870.4708	36,870.4708	1.0067		36,895.6379
Total	22.5929	140.4110	152.5830	0.7207	50.2214	0.5356	50.7571	13.5269	0.5024	14.0293		74,650.6627	74,650.6627	3.8834		74,747.7486

3.5 Building Construction - 2023

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2023

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	3.0763	101.3659	33.2127	0.3412	9.0983	0.1267	9.2250	2.6191	0.1211	2.7402		36,834.9175	36,834.9175	2.6185		36,900.3806
Worker	17.6688	10.5097	107.3476	0.3557	41.1231	0.2724	41.3955	10.9078	0.2508	11.1586		35,462.3140	35,462.3140	0.9201		35,485.3165
Total	20.7451	111.8756	140.5604	0.6969	50.2214	0.3991	50.6205	13.5269	0.3719	13.8988		72,297.2314	72,297.2314	3.5386		72,385.6971

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2023

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	3.0763	101.3659	33.2127	0.3412	9.0983	0.1267	9.2250	2.6191	0.1211	2.7402		36,834.9175	36,834.9175	2.6185		36,900.3806
Worker	17.6688	10.5097	107.3476	0.3557	41.1231	0.2724	41.3955	10.9078	0.2508	11.1586		35,462.3140	35,462.3140	0.9201		35,485.3165
Total	20.7451	111.8756	140.5604	0.6969	50.2214	0.3991	50.6205	13.5269	0.3719	13.8988		72,297.2314	72,297.2314	3.5386		72,385.6971

3.5 Building Construction - 2024

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2024

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	2.9658	99.9531	32.1570	0.3386	9.0983	0.1230	9.2213	2.6191	0.1176	2.7367		36,604.76 40	36,604.76 40	2.5843		36,669.37 25
Worker	16.8340	9.6388	100.2110	0.3416	41.1231	0.2674	41.3905	10.9078	0.2462	11.1540		34,066.42 74	34,066.42 74	0.8449		34,087.54 91
Total	19.7999	109.5919	132.3680	0.6803	50.2214	0.3904	50.6118	13.5269	0.3637	13.8906		70,671.19 14	70,671.19 14	3.4292		70,756.92 16

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2024

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	2.9658	99.9531	32.1570	0.3386	9.0983	0.1230	9.2213	2.6191	0.1176	2.7367		36,604.76 40	36,604.76 40	2.5843		36,669.37 25
Worker	16.8340	9.6388	100.2110	0.3416	41.1231	0.2674	41.3905	10.9078	0.2462	11.1540		34,066.42 74	34,066.42 74	0.8449		34,087.54 91
Total	19.7999	109.5919	132.3680	0.6803	50.2214	0.3904	50.6118	13.5269	0.3637	13.8906		70,671.19 14	70,671.19 14	3.4292		70,756.92 16

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2025

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	2.8771	98.5067	31.4993	0.3361	9.0983	0.1189	9.2172	2.6191	0.1137	2.7328		36,385.66 54	36,385.66 54	2.5544		36,449.52 42
Worker	16.1045	8.8860	93.5078	0.3278	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		32,689.45 44	32,689.45 44	0.7795		32,708.94 19
Total	18.9817	107.3928	125.0071	0.6639	50.2214	0.3822	50.6035	13.5269	0.3560	13.8829		69,075.11 98	69,075.11 98	3.3339		69,158.46 62

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2025

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	2.8771	98.5067	31.4993	0.3361	9.0983	0.1189	9.2172	2.6191	0.1137	2.7328		36,385.66 54	36,385.66 54	2.5544		36,449.52 42
Worker	16.1045	8.8860	93.5078	0.3278	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		32,689.45 44	32,689.45 44	0.7795		32,708.94 19
Total	18.9817	107.3928	125.0071	0.6639	50.2214	0.3822	50.6035	13.5269	0.3560	13.8829		69,075.11 98	69,075.11 98	3.3339		69,158.46 62

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2026

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	2.8026	97.1060	31.0363	0.3338	9.0982	0.1151	9.2134	2.6191	0.1100	2.7292		36,180.94 44	36,180.94 44	2.5258		36,244.08 81
Worker	15.4673	8.2642	87.8474	0.3157	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		31,492.33 10	31,492.33 10	0.7260		31,510.48 10
Total	18.2699	105.3702	118.8837	0.6495	50.2213	0.3702	50.5915	13.5269	0.3448	13.8716		67,673.27 53	67,673.27 53	3.2518		67,754.56 91

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2026

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	2.8026	97.1060	31.0363	0.3338	9.0982	0.1151	9.2134	2.6191	0.1100	2.7292		36,180.94 44	36,180.94 44	2.5258		36,244.08 81
Worker	15.4673	8.2642	87.8474	0.3157	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		31,492.33 10	31,492.33 10	0.7260		31,510.48 10
Total	18.2699	105.3702	118.8837	0.6495	50.2213	0.3702	50.5915	13.5269	0.3448	13.8716		67,673.27 53	67,673.27 53	3.2518		67,754.56 91

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2027

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	2.7400	95.7602	30.6446	0.3317	9.0982	0.1122	9.2104	2.6191	0.1072	2.7263		35,992.66 50	35,992.66 50	2.5011		36,055.19 17
Worker	14.8229	7.7135	82.8324	0.3051	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		30,437.25 71	30,437.25 71	0.6794		30,454.24 31
Total	17.5629	103.4737	113.4770	0.6368	50.2213	0.3535	50.5748	13.5269	0.3292	13.8561		66,429.92 21	66,429.92 21	3.1805		66,509.43 47

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2027

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	2.7400	95.7602	30.6446	0.3317	9.0982	0.1122	9.2104	2.6191	0.1072	2.7263		35,992.66 50	35,992.66 50	2.5011		36,055.19 17
Worker	14.8229	7.7135	82.8324	0.3051	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		30,437.25 71	30,437.25 71	0.6794		30,454.24 31
Total	17.5629	103.4737	113.4770	0.6368	50.2213	0.3535	50.5748	13.5269	0.3292	13.8561		66,429.92 21	66,429.92 21	3.1805		66,509.43 47

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2028

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	2.6908	94.6436	30.4357	0.3299	9.0982	0.1096	9.2078	2.6191	0.1048	2.7239		35,835.9000	35,835.9000	2.4784		35,897.8598
Worker	14.1311	7.2264	78.4729	0.2958	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		29,511.3716	29,511.3716	0.6401		29,527.3736
Total	16.8219	101.8700	108.9086	0.6257	50.2213	0.3331	50.5544	13.5269	0.3104	13.8372		65,347.2715	65,347.2715	3.1185		65,425.2334

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2028

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	2.6908	94.6436	30.4357	0.3299	9.0982	0.1096	9.2078	2.6191	0.1048	2.7239		35,835.9000	35,835.9000	2.4784		35,897.8598
Worker	14.1311	7.2264	78.4729	0.2958	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		29,511.3716	29,511.3716	0.6401		29,527.3736
Total	16.8219	101.8700	108.9086	0.6257	50.2213	0.3331	50.5544	13.5269	0.3104	13.8372		65,347.2715	65,347.2715	3.1185		65,425.2334

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2029

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	2.6435	93.4923	30.2033	0.3282	9.0982	0.1067	9.2049	2.6191	0.1020	2.7211		35,682.49 07	35,682.49 07	2.4616		35,744.03 14
Worker	13.3761	6.7778	74.3269	0.2876	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		28,697.28 31	28,697.28 31	0.6036		28,712.37 32
Total	16.0196	100.2701	104.5302	0.6158	50.2213	0.3142	50.5355	13.5269	0.2928	13.8197		64,379.77 39	64,379.77 39	3.0652		64,456.40 46

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.5 Building Construction - 2029

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	2.6435	93.4923	30.2033	0.3282	9.0982	0.1067	9.2049	2.6191	0.1020	2.7211		35,682.4907	35,682.4907	2.4616		35,744.0314
Worker	13.3761	6.7778	74.3269	0.2876	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		28,697.2831	28,697.2831	0.6036		28,712.3732
Total	16.0196	100.2701	104.5302	0.6158	50.2213	0.3142	50.5355	13.5269	0.2928	13.8197		64,379.7739	64,379.7739	3.0652		64,456.4046

3.6 Paving - 2029

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.6 Paving - 2029

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	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339
Total	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.6 Paving - 2029

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	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339
Total	0.0401	0.0203	0.2227	8.6000e-004	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		85.9887	85.9887	1.8100e-003		86.0339

3.7 Architectural Coating - 2029

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	984.0293					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	984.2002	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.7 Architectural Coating - 2029

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	2.6747	1.3553	14.8624	0.0575	8.2230	0.0415	8.2645	2.1811	0.0382	2.2193		5,738.310 1	5,738.310 1	0.1207		5,741.327 5
Total	2.6747	1.3553	14.8624	0.0575	8.2230	0.0415	8.2645	2.1811	0.0382	2.2193		5,738.310 1	5,738.310 1	0.1207		5,741.327 5

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	984.0293					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	984.2002	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Proposed Project - Village Focused - 2030 - San Diego County, Winter

3.7 Architectural Coating - 2029

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	2.6747	1.3553	14.8624	0.0575	8.2230	0.0415	8.2645	2.1811	0.0382	2.2193		5,738.310 1	5,738.310 1	0.1207		5,741.327 5
Total	2.6747	1.3553	14.8624	0.0575	8.2230	0.0415	8.2645	2.1811	0.0382	2.2193		5,738.310 1	5,738.310 1	0.1207		5,741.327 5

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Proposed Project - Village Focused - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Proposed Project - Village Focused - 2030 - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.5986	31.7923	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655
NaturalGas Unmitigated	3.5986	31.7923	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655

Proposed Project - Village Focused - 2030 - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	82759.6	0.8925	7.6269	3.2455	0.0487		0.6166	0.6166		0.6166	0.6166		9,736.4255	9,736.4255	0.1866	0.1785	9,794.2842
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7924	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655

Proposed Project - Village Focused - 2030 - San Diego County, Winter

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					
Apartments Low Rise	82.7596	0.8925	7.6269	3.2455	0.0487		0.6166	0.6166		0.6166	0.6166		9,736.4255	9,736.4255	0.1866	0.1785	9,794.2842
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74.033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7924	20.7167	0.1963		2.4863	2.4863		2.4863	2.4863		39,257.5773	39,257.5773	0.7524	0.7197	39,490.8655

6.0 Area Detail

6.1 Mitigation Measures Area

Proposed Project - Village Focused - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601
Unmitigated	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601

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	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9,301.7406	181.6523	11,481.9884	20.8021		1,609.8842	1,609.8842		1,609.8842	1,609.8842	168,796.5794	70,790.8235	239,587.4029	155.7712	13.2771	247,438.2670
Landscaping	14.9983	5.7693	500.5477	0.0265		2.7824	2.7824		2.7824	2.7824		903.8275	903.8275	0.8626		925.3932
Total	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601

Proposed Project - Village Focused - 2030 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9,301.7406	181.6523	11,481.9884	20.8021		1,609.8842	1,609.8842		1,609.8842	1,609.8842	168,796.5794	70,790.8235	239,587.4029	155.7712	13.2771	247,438.2670
Landscaping	14.9983	5.7693	500.5477	0.0265		2.7824	2.7824		2.7824	2.7824		903.8275	903.8275	0.8626		925.3932
Total	9,609.6476	187.4216	11,982.5361	20.8286		1,612.6666	1,612.6666		1,612.6666	1,612.6666	168,796.5794	71,694.6510	240,491.2304	156.6339	13.2771	248,363.6601

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Proposed Project - Village Focused - 2030 - San Diego County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,118.00	1000sqft	94.54	4,118,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	4,032.00	Dwelling Unit	252.00	4,032,000.00	11532
Single Family Housing	2,046.00	Dwelling Unit	664.29	3,682,800.00	5852

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	404.00
tblConstructionPhase	NumDays	6,000.00	243.00
tblConstructionPhase	NumDays	15,500.00	627.00
tblConstructionPhase	NumDays	155,000.00	6,266.00
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	PhaseEndDate	5/1/2059	7/20/2022

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tblConstructionPhase	PhaseEndDate	4/30/2082	6/26/2023
tblConstructionPhase	PhaseEndDate	9/28/2141	11/19/2025
tblConstructionPhase	PhaseEndDate	11/14/2735	11/25/2049
tblConstructionPhase	PhaseEndDate	1/12/2778	11/25/2049
tblConstructionPhase	PhaseEndDate	3/12/2820	11/25/2049
tblConstructionPhase	PhaseStartDate	5/2/2059	7/21/2022
tblConstructionPhase	PhaseStartDate	5/1/2082	6/27/2023
tblConstructionPhase	PhaseStartDate	9/29/2141	11/20/2025
tblConstructionPhase	PhaseStartDate	11/15/2735	3/13/2048
tblConstructionPhase	PhaseStartDate	1/13/2778	3/13/2048
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00

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tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4199	4.1079	2.8631	5.2200e-003	0.0157	0.2026	0.2183	4.1700e-003	0.1882	0.1923	0.0000	457.4230	457.4230	0.1253	0.0000	460.5550
2022	0.3812	3.7791	2.6741	5.1600e-003	1.0739	0.1833	1.2572	0.5855	0.1695	0.7550	0.0000	452.9944	452.9944	0.1319	0.0000	456.2924
2023	0.3978	4.0517	3.0820	6.7400e-003	2.3927	0.1753	2.5680	0.9424	0.1613	1.1037	0.0000	592.1832	592.1832	0.1868	0.0000	596.8518
2024	0.4294	4.2463	3.6843	8.3100e-003	1.6411	0.1751	1.8162	0.5290	0.1611	0.6900	0.0000	730.5418	730.5418	0.2314	0.0000	736.3266
2025	0.6167	5.0429	5.1857	0.0178	2.2812	0.1443	2.4256	0.6756	0.1330	0.8087	0.0000	1,630.0420	1,630.0420	0.2566	0.0000	1,636.4578
2026	2.3071	15.4936	17.4850	0.0893	6.4029	0.1168	6.5197	1.7282	0.1094	1.8376	0.0000	8,415.8907	8,415.8907	0.4491	0.0000	8,427.1172
2027	2.2230	15.2446	16.7829	0.0877	6.4029	0.1147	6.5176	1.7282	0.1074	1.8356	0.0000	8,266.8023	8,266.8023	0.4409	0.0000	8,277.8246
2028	2.1278	14.9763	16.1272	0.0859	6.3784	0.1116	6.4900	1.7216	0.1046	1.8262	0.0000	8,105.7590	8,105.7590	0.4322	0.0000	8,116.5627

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2029	2.0424	14.8237	15.6207	0.0849	6.4029	0.1096	6.5125	1.7282	0.1028	1.8310	0.0000	8,020.839 3	8,020.839 3	0.4277	0.0000	8,031.532 3
2030	1.9344	14.0472	15.1015	0.0843	6.4029	0.0579	6.4608	1.7282	0.0553	1.7835	0.0000	7,960.366 8	7,960.366 8	0.3647	0.0000	7,969.485 2
2031	1.8291	13.8839	14.6010	0.0833	6.4029	0.0559	6.4588	1.7282	0.0535	1.7817	0.0000	7,872.645 9	7,872.645 9	0.3596	0.0000	7,881.636 5
2032	1.7429	13.7942	14.2297	0.0827	6.4274	0.0543	6.4818	1.7348	0.0520	1.7868	0.0000	7,827.985 6	7,827.985 6	0.3568	0.0000	7,836.905 1
2033	1.6493	13.5635	13.7571	0.0814	6.3784	0.0523	6.4307	1.7216	0.0501	1.7717	0.0000	7,704.782 9	7,704.782 9	0.3505	0.0000	7,713.545 1
2034	1.5805	13.4555	13.4055	0.0808	6.3784	0.0508	6.4292	1.7216	0.0487	1.7703	0.0000	7,650.901 6	7,650.901 6	0.3473	0.0000	7,659.583 7
2035	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.039 7	7,635.039 7	0.3447	0.0000	7,643.658 0
2036	1.5208	13.3681	13.1986	0.0809	6.4275	0.0423	6.4697	1.7348	0.0403	1.7751	0.0000	7,664.292 8	7,664.292 8	0.3461	0.0000	7,672.944 1
2037	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.039 7	7,635.039 7	0.3447	0.0000	7,643.658 0
2038	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.039 7	7,635.039 7	0.3447	0.0000	7,643.658 0
2039	1.5092	13.2660	13.0978	0.0803	6.3784	0.0420	6.4203	1.7216	0.0400	1.7616	0.0000	7,605.786 7	7,605.786 7	0.3434	0.0000	7,614.372 0
2040	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 8	7,508.675 8	0.3334	0.0000	7,517.010 7
2041	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 8	7,508.675 8	0.3334	0.0000	7,517.010 7
2042	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 8	7,508.675 8	0.3334	0.0000	7,517.010 7
2043	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 8	7,508.675 8	0.3334	0.0000	7,517.010 7
2044	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 8	7,508.675 8	0.3334	0.0000	7,517.010 7
2045	1.1973	12.8445	11.6962	0.0782	6.3785	0.0336	6.4120	1.7216	0.0321	1.7537	0.0000	7,422.492 2	7,422.492 2	0.3231	0.0000	7,430.570 7
2046	1.2019	12.8939	11.7412	0.0785	6.4030	0.0337	6.4367	1.7282	0.0322	1.7604	0.0000	7,451.040 3	7,451.040 3	0.3244	0.0000	7,459.149 8

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2047	1.2019	12.8939	11.7412	0.0785	6.4030	0.0337	6.4367	1.7282	0.0322	1.7604	0.0000	7,451.040 3	7,451.040 3	0.3244	0.0000	7,459.149 8
2048	33.4864	13.4883	14.6167	0.0873	7.2830	0.0488	7.3318	1.9622	0.0471	2.0093	0.0000	8,231.794 0	8,231.794 0	0.3423	0.0000	8,240.351 2
2049	37.2050	12.2193	13.7390	0.0802	6.7225	0.0471	6.7696	1.8105	0.0456	1.8560	0.0000	7,550.545 0	7,550.545 0	0.3107	0.0000	7,558.313 0
Maximum	37.2050	15.4936	17.4850	0.0893	7.2830	0.2026	7.3318	1.9622	0.1882	2.0093	0.0000	8,415.890 7	8,415.890 7	0.4491	0.0000	8,427.117 2

2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4199	4.1079	2.8631	5.2200e-003	0.0157	0.2026	0.2183	4.1700e-003	0.1882	0.1923	0.0000	457.4224	457.4224	0.1253	0.0000	460.5544
2022	0.3812	3.7791	2.6741	5.1600e-003	1.0739	0.1833	1.2572	0.5855	0.1695	0.7550	0.0000	452.9938	452.9938	0.1319	0.0000	456.2919
2023	0.3978	4.0517	3.0820	6.7400e-003	2.3927	0.1753	2.5680	0.9424	0.1613	1.1037	0.0000	592.1825	592.1825	0.1868	0.0000	596.8511
2024	0.4293	4.2463	3.6843	8.3100e-003	1.6411	0.1751	1.8162	0.5290	0.1611	0.6900	0.0000	730.5409	730.5409	0.2314	0.0000	736.3258
2025	0.6167	5.0428	5.1857	0.0178	2.2812	0.1443	2.4256	0.6756	0.1330	0.8087	0.0000	1,630.041 2	1,630.041 2	0.2566	0.0000	1,636.457 0
2026	2.3071	15.4936	17.4850	0.0893	6.4029	0.1168	6.5197	1.7282	0.1094	1.8376	0.0000	8,415.890 4	8,415.890 4	0.4491	0.0000	8,427.116 8
2027	2.2230	15.2446	16.7829	0.0877	6.4029	0.1147	6.5176	1.7282	0.1074	1.8356	0.0000	8,266.801 9	8,266.801 9	0.4409	0.0000	8,277.824 2
2028	2.1278	14.9763	16.1272	0.0859	6.3784	0.1116	6.4900	1.7216	0.1046	1.8262	0.0000	8,105.758 7	8,105.758 7	0.4322	0.0000	8,116.5623

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2029	2.0424	14.8237	15.6207	0.0849	6.4029	0.1096	6.5125	1.7282	0.1028	1.8310	0.0000	8,020.838 9	8,020.838 9	0.4277	0.0000	8,031.531 9
2030	1.9344	14.0472	15.1015	0.0843	6.4029	0.0579	6.4608	1.7282	0.0553	1.7835	0.0000	7,960.366 4	7,960.366 4	0.3647	0.0000	7,969.484 8
2031	1.8291	13.8839	14.6010	0.0833	6.4029	0.0559	6.4588	1.7282	0.0535	1.7817	0.0000	7,872.645 5	7,872.645 5	0.3596	0.0000	7,881.636 1
2032	1.7429	13.7942	14.2297	0.0827	6.4274	0.0543	6.4818	1.7348	0.0520	1.7868	0.0000	7,827.985 2	7,827.985 2	0.3568	0.0000	7,836.904 7
2033	1.6493	13.5635	13.7571	0.0814	6.3784	0.0523	6.4307	1.7216	0.0501	1.7717	0.0000	7,704.782 5	7,704.782 5	0.3505	0.0000	7,713.544 7
2034	1.5805	13.4555	13.4055	0.0808	6.3784	0.0508	6.4292	1.7216	0.0487	1.7703	0.0000	7,650.901 2	7,650.901 2	0.3473	0.0000	7,659.583 3
2035	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.039 3	7,635.039 3	0.3447	0.0000	7,643.657 6
2036	1.5208	13.3681	13.1986	0.0809	6.4275	0.0423	6.4697	1.7348	0.0403	1.7751	0.0000	7,664.292 3	7,664.292 3	0.3461	0.0000	7,672.943 7
2037	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.039 3	7,635.039 3	0.3447	0.0000	7,643.657 6
2038	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.039 3	7,635.039 3	0.3447	0.0000	7,643.657 6
2039	1.5092	13.2660	13.0978	0.0803	6.3784	0.0420	6.4203	1.7216	0.0400	1.7616	0.0000	7,605.786 3	7,605.786 3	0.3434	0.0000	7,614.371 6
2040	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2041	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2042	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2043	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2044	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2045	1.1973	12.8445	11.6962	0.0782	6.3785	0.0336	6.4120	1.7216	0.0321	1.7537	0.0000	7,422.491 8	7,422.491 8	0.3231	0.0000	7,430.570 3
2046	1.2019	12.8939	11.7412	0.0785	6.4030	0.0337	6.4367	1.7282	0.0322	1.7604	0.0000	7,451.039 9	7,451.039 9	0.3244	0.0000	7,459.149 4

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2047	1.2019	12.8939	11.7412	0.0785	6.4030	0.0337	6.4367	1.7282	0.0322	1.7604	0.0000	7,451.039 9	7,451.039 9	0.3244	0.0000	7,459.149 4
2048	33.4864	13.4883	14.6167	0.0873	7.2830	0.0488	7.3318	1.9622	0.0471	2.0093	0.0000	8,231.793 3	8,231.793 3	0.3423	0.0000	8,240.350 5
2049	37.2050	12.2193	13.7390	0.0802	6.7225	0.0471	6.7696	1.8105	0.0456	1.8560	0.0000	7,550.544 3	7,550.544 3	0.3107	0.0000	7,558.312 2
Maximum	37.2050	15.4936	17.4850	0.0893	7.2830	0.2026	7.3318	1.9622	0.1882	2.0093	0.0000	8,415.890 4	8,415.890 4	0.4491	0.0000	8,427.116 8

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	1.1154	1.1154
2	4-1-2021	6-30-2021	1.1275	1.1275
3	7-1-2021	9-30-2021	1.1399	1.1399
4	10-1-2021	12-31-2021	1.1402	1.1402
5	1-1-2022	3-31-2022	0.9144	0.9144
6	4-1-2022	6-30-2022	0.9242	0.9242
7	7-1-2022	9-30-2022	1.1378	1.1378
8	10-1-2022	12-31-2022	1.1948	1.1948
9	1-1-2023	3-31-2023	0.9734	0.9734
10	4-1-2023	6-30-2023	0.9948	0.9948
11	7-1-2023	9-30-2023	1.2465	1.2465
12	10-1-2023	12-31-2023	1.2469	1.2469
13	1-1-2024	3-31-2024	1.1603	1.1603
14	4-1-2024	6-30-2024	1.1599	1.1599

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15	7-1-2024	9-30-2024	1.1726	1.1726
16	10-1-2024	12-31-2024	1.1730	1.1730
17	1-1-2025	3-31-2025	0.9946	0.9946
18	4-1-2025	6-30-2025	1.0053	1.0053
19	7-1-2025	9-30-2025	1.0163	1.0163
20	10-1-2025	12-31-2025	2.6557	2.6557
21	1-1-2026	3-31-2026	4.4189	4.4189
22	4-1-2026	6-30-2026	4.3831	4.3831
23	7-1-2026	9-30-2026	4.4313	4.4313
24	10-1-2026	12-31-2026	4.5171	4.5171
25	1-1-2027	3-31-2027	4.3352	4.3352
26	4-1-2027	6-30-2027	4.3024	4.3024
27	7-1-2027	9-30-2027	4.3497	4.3497
28	10-1-2027	12-31-2027	4.4316	4.4316
29	1-1-2028	3-31-2028	4.3072	4.3072
30	4-1-2028	6-30-2028	4.2302	4.2302
31	7-1-2028	9-30-2028	4.2767	4.2767
32	10-1-2028	12-31-2028	4.3545	4.3545
33	1-1-2029	3-31-2029	4.1826	4.1826
34	4-1-2029	6-30-2029	4.1565	4.1565
35	7-1-2029	9-30-2029	4.2021	4.2021
36	10-1-2029	12-31-2029	4.2756	4.2756
37	1-1-2030	3-31-2030	3.9618	3.9618
38	4-1-2030	6-30-2030	3.9381	3.9381
39	7-1-2030	9-30-2030	3.9814	3.9814
40	10-1-2030	12-31-2030	4.0499	4.0499
41	1-1-2031	3-31-2031	3.8924	3.8924

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42	4-1-2031	6-30-2031	3.8730	3.8730
43	7-1-2031	9-30-2031	3.9156	3.9156
44	10-1-2031	12-31-2031	3.9789	3.9789
45	1-1-2032	3-31-2032	3.8741	3.8741
46	4-1-2032	6-30-2032	3.8160	3.8160
47	7-1-2032	9-30-2032	3.8579	3.8579
48	10-1-2032	12-31-2032	3.9166	3.9166
49	1-1-2033	3-31-2033	3.7780	3.7780
50	4-1-2033	6-30-2033	3.7659	3.7659
51	7-1-2033	9-30-2033	3.8073	3.8073
52	10-1-2033	12-31-2033	3.8620	3.8620
53	1-1-2034	3-31-2034	3.7319	3.7319
54	4-1-2034	6-30-2034	3.7228	3.7228
55	7-1-2034	9-30-2034	3.7637	3.7637
56	10-1-2034	12-31-2034	3.8148	3.8148
57	1-1-2035	3-31-2035	3.6655	3.6655
58	4-1-2035	6-30-2035	3.6584	3.6584
59	7-1-2035	9-30-2035	3.6986	3.6986
60	10-1-2035	12-31-2035	3.7469	3.7469
61	1-1-2036	3-31-2036	3.7062	3.7062
62	4-1-2036	6-30-2036	3.6584	3.6584
63	7-1-2036	9-30-2036	3.6986	3.6986
64	10-1-2036	12-31-2036	3.7469	3.7469
65	1-1-2037	3-31-2037	3.6655	3.6655
66	4-1-2037	6-30-2037	3.6584	3.6584
67	7-1-2037	9-30-2037	3.6986	3.6986
68	10-1-2037	12-31-2037	3.7469	3.7469

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69	1-1-2038	3-31-2038	3.6655	3.6655
70	4-1-2038	6-30-2038	3.6584	3.6584
71	7-1-2038	9-30-2038	3.6986	3.6986
72	10-1-2038	12-31-2038	3.7469	3.7469
73	1-1-2039	3-31-2039	3.6655	3.6655
74	4-1-2039	6-30-2039	3.6584	3.6584
75	7-1-2039	9-30-2039	3.6986	3.6986
76	10-1-2039	12-31-2039	3.7469	3.7469
77	1-1-2040	3-31-2040	3.5640	3.5640
78	4-1-2040	6-30-2040	3.5272	3.5272
79	7-1-2040	9-30-2040	3.5660	3.5660
80	10-1-2040	12-31-2040	3.6031	3.6031
81	1-1-2041	3-31-2041	3.5248	3.5248
82	4-1-2041	6-30-2041	3.5272	3.5272
83	7-1-2041	9-30-2041	3.5660	3.5660
84	10-1-2041	12-31-2041	3.6031	3.6031
85	1-1-2042	3-31-2042	3.5248	3.5248
86	4-1-2042	6-30-2042	3.5272	3.5272
87	7-1-2042	9-30-2042	3.5660	3.5660
88	10-1-2042	12-31-2042	3.6031	3.6031
89	1-1-2043	3-31-2043	3.5248	3.5248
90	4-1-2043	6-30-2043	3.5272	3.5272
91	7-1-2043	9-30-2043	3.5660	3.5660
92	10-1-2043	12-31-2043	3.6031	3.6031
93	1-1-2044	3-31-2044	3.5640	3.5640
94	4-1-2044	6-30-2044	3.5272	3.5272
95	7-1-2044	9-30-2044	3.5660	3.5660

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96	10-1-2044	12-31-2044	3.6031	3.6031
97	1-1-2045	3-31-2045	3.4741	3.4741
98	4-1-2045	6-30-2045	3.4789	3.4789
99	7-1-2045	9-30-2045	3.5171	3.5171
100	10-1-2045	12-31-2045	3.5513	3.5513
101	1-1-2046	3-31-2046	3.4741	3.4741
102	4-1-2046	6-30-2046	3.4789	3.4789
103	7-1-2046	9-30-2046	3.5171	3.5171
104	10-1-2046	12-31-2046	3.5513	3.5513
105	1-1-2047	3-31-2047	3.4741	3.4741
106	4-1-2047	6-30-2047	3.4789	3.4789
107	7-1-2047	9-30-2047	3.5171	3.5171
108	10-1-2047	12-31-2047	3.5513	3.5513
109	1-1-2048	3-31-2048	5.6352	5.6352
110	4-1-2048	6-30-2048	13.6358	13.6358
111	7-1-2048	9-30-2048	13.7856	13.7856
112	10-1-2048	12-31-2048	13.8288	13.8288
113	1-1-2049	3-31-2049	13.5282	13.5282
114	4-1-2049	6-30-2049	13.6358	13.6358
115	7-1-2049	9-30-2049	13.7856	13.7856
		Highest	13.8288	13.8288

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	436.1746	7.9667	515.7318	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8642	0.4938	9,278.9146
Energy	0.6567	5.8020	3.7808	0.0358		0.4537	0.4537		0.4537	0.4537	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,670.1325	0.0000	1,670.1325	98.7020	0.0000	4,137.6826
Water						0.0000	0.0000		0.0000	0.0000	366.3453	0.0000	366.3453	37.6272	0.8885	1,571.7856
Total	436.8314	13.7687	519.5125	0.8911	0.0000	66.7094	66.7094	0.0000	66.7094	66.7094	8,314.7948	9,206.2536	17,521.0484	142.3180	1.5015	21,526.4302

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	436.1746	7.9667	515.7318	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8642	0.4938	9,278.9146
Energy	0.6567	5.8020	3.7808	0.0358		0.4537	0.4537		0.4537	0.4537	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,670.1325	0.0000	1,670.1325	98.7020	0.0000	4,137.6826
Water						0.0000	0.0000		0.0000	0.0000	366.3453	0.0000	366.3453	37.6272	0.8885	1,571.7856
Total	436.8314	13.7687	519.5125	0.8911	0.0000	66.7094	66.7094	0.0000	66.7094	66.7094	8,314.7948	9,206.2536	17,521.0484	142.3180	1.5015	21,526.4302

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1567.5

Acres of Paving: 0

Residential Indoor: 15,622,470; Residential Outdoor: 5,207,490; Non-Residential Indoor: 6,351,000; Non-Residential Outdoor: 2,117,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,006.00	1,344.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,001.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7102	443.7102	0.1249	0.0000	446.8324
Total	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7102	443.7102	0.1249	0.0000	446.8324

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226
Total	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226

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	tons/yr										MT/yr					
Off-Road	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7097	443.7097	0.1249	0.0000	446.8319
Total	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7097	443.7097	0.1249	0.0000	446.8319

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3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226
Total	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0301	243.0301	0.0683	0.0000	244.7367
Total	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0301	243.0301	0.0683	0.0000	244.7367

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3.2 Demolition - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426
Total	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426

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	tons/yr										MT/yr					
Off-Road	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0298	243.0298	0.0683	0.0000	244.7365
Total	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0298	243.0298	0.0683	0.0000	244.7365

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3.2 Demolition - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426
Total	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0569	0.0000	1.0569	0.5809	0.0000	0.5809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1855	1.9354	1.1523	2.2300e-003		0.0943	0.0943		0.0868	0.0868	0.0000	195.6204	195.6204	0.0633	0.0000	197.2021
Total	0.1855	1.9354	1.1523	2.2300e-003	1.0569	0.0943	1.1512	0.5809	0.0868	0.6677	0.0000	195.6204	195.6204	0.0633	0.0000	197.2021

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3.3 Site Preparation - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109
Total	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109

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	tons/yr										MT/yr					
Fugitive Dust					1.0569	0.0000	1.0569	0.5809	0.0000	0.5809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1855	1.9354	1.1523	2.2300e-003		0.0943	0.0943		0.0868	0.0868	0.0000	195.6202	195.6202	0.0633	0.0000	197.2019
Total	0.1855	1.9354	1.1523	2.2300e-003	1.0569	0.0943	1.1512	0.5809	0.0868	0.6677	0.0000	195.6202	195.6202	0.0633	0.0000	197.2019

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3.3 Site Preparation - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109
Total	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109

3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
Fugitive Dust					1.1382	0.0000	1.1382	0.6256	0.0000	0.6256	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1676	1.7340	1.1494	2.4000e-003		0.0798	0.0798		0.0734	0.0734	0.0000	210.7394	210.7394	0.0682	0.0000	212.4433
Total	0.1676	1.7340	1.1494	2.4000e-003	1.1382	0.0798	1.2179	0.6256	0.0734	0.6990	0.0000	210.7394	210.7394	0.0682	0.0000	212.4433

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3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652
Total	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652

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	tons/yr										MT/yr					
Fugitive Dust					1.1382	0.0000	1.1382	0.6256	0.0000	0.6256	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1675	1.7340	1.1494	2.4000e-003		0.0798	0.0798		0.0734	0.0734	0.0000	210.7391	210.7391	0.0682	0.0000	212.4431
Total	0.1675	1.7340	1.1494	2.4000e-003	1.1382	0.0798	1.2179	0.6256	0.0734	0.6990	0.0000	210.7391	210.7391	0.0682	0.0000	212.4431

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3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652
Total	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652

3.4 Grading - 2023

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	tons/yr										MT/yr					
Fugitive Dust					1.2347	0.0000	1.2347	0.3115	0.0000	0.3115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2226	2.3126	1.8794	4.1600e-003		0.0954	0.0954		0.0878	0.0878	0.0000	365.3859	365.3859	0.1182	0.0000	368.3402
Total	0.2226	2.3126	1.8794	4.1600e-003	1.2347	0.0954	1.3301	0.3115	0.0878	0.3993	0.0000	365.3859	365.3859	0.1182	0.0000	368.3402

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3.4 Grading - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031
Total	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031

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	tons/yr										MT/yr					
Fugitive Dust					1.2347	0.0000	1.2347	0.3115	0.0000	0.3115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2226	2.3125	1.8794	4.1600e-003		0.0954	0.0954		0.0878	0.0878	0.0000	365.3855	365.3855	0.1182	0.0000	368.3398
Total	0.2226	2.3125	1.8794	4.1600e-003	1.2347	0.0954	1.3301	0.3115	0.0878	0.3993	0.0000	365.3855	365.3855	0.1182	0.0000	368.3398

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3.4 Grading - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031
Total	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031

3.4 Grading - 2024

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	tons/yr										MT/yr					
Fugitive Dust					1.6201	0.0000	1.6201	0.5234	0.0000	0.5234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4216	4.2414	3.6317	8.1300e-003		0.1749	0.1749		0.1609	0.1609	0.0000	714.2058	714.2058	0.2310	0.0000	719.9805
Total	0.4216	4.2414	3.6317	8.1300e-003	1.6201	0.1749	1.7950	0.5234	0.1609	0.6843	0.0000	714.2058	714.2058	0.2310	0.0000	719.9805

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3.4 Grading - 2024

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462
Total	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462

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	tons/yr										MT/yr					
Fugitive Dust					1.6201	0.0000	1.6201	0.5234	0.0000	0.5234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4216	4.2414	3.6317	8.1300e-003		0.1749	0.1749		0.1609	0.1609	0.0000	714.2049	714.2049	0.2310	0.0000	719.9796
Total	0.4216	4.2414	3.6317	8.1300e-003	1.6201	0.1749	1.7950	0.5234	0.1609	0.6843	0.0000	714.2049	714.2049	0.2310	0.0000	719.9796

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3.4 Grading - 2024

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462
Total	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462

3.4 Grading - 2025

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	tons/yr										MT/yr					
Fugitive Dust					1.5267	0.0000	1.5267	0.4721	0.0000	0.4721	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3351	3.2274	3.0412	7.1700e-003		0.1306	0.1306		0.1202	0.1202	0.0000	629.5468	629.5468	0.2036	0.0000	634.6370
Total	0.3351	3.2274	3.0412	7.1700e-003	1.5267	0.1306	1.6573	0.4721	0.1202	0.5923	0.0000	629.5468	629.5468	0.2036	0.0000	634.6370

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3.4 Grading - 2025

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291
Total	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291

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	tons/yr										MT/yr					
Fugitive Dust					1.5267	0.0000	1.5267	0.4721	0.0000	0.4721	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3351	3.2274	3.0412	7.1700e-003		0.1306	0.1306		0.1202	0.1202	0.0000	629.5460	629.5460	0.2036	0.0000	634.6362
Total	0.3351	3.2274	3.0412	7.1700e-003	1.5267	0.1306	1.6573	0.4721	0.1202	0.5923	0.0000	629.5460	629.5460	0.2036	0.0000	634.6362

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3.4 Grading - 2025

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291
Total	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291

3.5 Building Construction - 2025

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	tons/yr										MT/yr					
Off-Road	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9924
Total	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9924

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.0419	1.4933	0.4519	5.1200e-003	0.1338	1.7400e-003	0.1356	0.0386	1.6600e-003	0.0403	0.0000	502.6182	502.6182	0.0338	0.0000	503.4636
Worker	0.2126	0.1311	1.4079	4.9700e-003	0.6022	3.9500e-003	0.6061	0.1600	3.6300e-003	0.1637	0.0000	449.2682	449.2682	0.0107	0.0000	449.5358
Total	0.2545	1.6244	1.8598	0.0101	0.7360	5.6900e-003	0.7417	0.1986	5.2900e-003	0.2039	0.0000	951.8864	951.8864	0.0445	0.0000	952.9994

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	tons/yr										MT/yr					
Off-Road	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9923
Total	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9923

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.0419	1.4933	0.4519	5.1200e-003	0.1338	1.7400e-003	0.1356	0.0386	1.6600e-003	0.0403	0.0000	502.6182	502.6182	0.0338	0.0000	503.4636
Worker	0.2126	0.1311	1.4079	4.9700e-003	0.6022	3.9500e-003	0.6061	0.1600	3.6300e-003	0.1637	0.0000	449.2682	449.2682	0.0107	0.0000	449.5358
Total	0.2545	1.6244	1.8598	0.0101	0.7360	5.6900e-003	0.7417	0.1986	5.2900e-003	0.2039	0.0000	951.8864	951.8864	0.0445	0.0000	952.9994

3.5 Building Construction - 2026

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3549	12.8055	3.8754	0.0442	1.1641	0.0147	1.1788	0.3361	0.0140	0.3501	0.0000	4,347.747 2	4,347.747 2	0.2912	0.0000	4,355.025 9
Worker	1.7737	1.0608	11.5106	0.0416	5.2388	0.0333	5.2721	1.3921	0.0306	1.4227	0.0000	3,765.488 6	3,765.488 6	0.0868	0.0000	3,767.657 8
Total	2.1287	13.8663	15.3860	0.0858	6.4029	0.0480	6.4509	1.7282	0.0447	1.7729	0.0000	8,113.235 9	8,113.235 9	0.3779	0.0000	8,122.683 7

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3549	12.8055	3.8754	0.0442	1.1641	0.0147	1.1788	0.3361	0.0140	0.3501	0.0000	4,347.747 2	4,347.747 2	0.2912	0.0000	4,355.025 9
Worker	1.7737	1.0608	11.5106	0.0416	5.2388	0.0333	5.2721	1.3921	0.0306	1.4227	0.0000	3,765.488 6	3,765.488 6	0.0868	0.0000	3,767.657 8
Total	2.1287	13.8663	15.3860	0.0858	6.4029	0.0480	6.4509	1.7282	0.0447	1.7729	0.0000	8,113.235 9	8,113.235 9	0.3779	0.0000	8,122.683 7

3.5 Building Construction - 2027

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3471	12.6271	3.8276	0.0439	1.1641	0.0143	1.1785	0.3361	0.0137	0.3498	0.0000	4,324.7993	4,324.7993	0.2885	0.0000	4,332.0124
Worker	1.6974	0.9902	10.8563	0.0402	5.2388	0.0315	5.2703	1.3921	0.0290	1.4211	0.0000	3,639.3480	3,639.3480	0.0812	0.0000	3,641.3786
Total	2.0445	13.6173	14.6838	0.0841	6.4029	0.0458	6.4487	1.7282	0.0427	1.7709	0.0000	7,964.1474	7,964.1474	0.3697	0.0000	7,973.3910

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3471	12.6271	3.8276	0.0439	1.1641	0.0143	1.1785	0.3361	0.0137	0.3498	0.0000	4,324.7993	4,324.7993	0.2885	0.0000	4,332.0124
Worker	1.6974	0.9902	10.8563	0.0402	5.2388	0.0315	5.2703	1.3921	0.0290	1.4211	0.0000	3,639.3480	3,639.3480	0.0812	0.0000	3,641.3786
Total	2.0445	13.6173	14.6838	0.0841	6.4029	0.0458	6.4487	1.7282	0.0427	1.7709	0.0000	7,964.1474	7,964.1474	0.3697	0.0000	7,973.3910

3.5 Building Construction - 2028

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3396	12.4311	3.7884	0.0435	1.1597	0.0140	1.1737	0.3348	0.0134	0.3482	0.0000	4,289.1195	4,289.1195	0.2850	0.0000	4,296.2453
Worker	1.6104	0.9242	10.2478	0.0388	5.2187	0.0291	5.2478	1.3868	0.0267	1.4135	0.0000	3,515.1442	3,515.1442	0.0762	0.0000	3,517.0502
Total	1.9500	13.3553	14.0362	0.0824	6.3784	0.0430	6.4214	1.7216	0.0401	1.7617	0.0000	7,804.2637	7,804.2637	0.3613	0.0000	7,813.2956

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3396	12.4311	3.7884	0.0435	1.1597	0.0140	1.1737	0.3348	0.0134	0.3482	0.0000	4,289.1195	4,289.1195	0.2850	0.0000	4,296.2453
Worker	1.6104	0.9242	10.2478	0.0388	5.2187	0.0291	5.2478	1.3868	0.0267	1.4135	0.0000	3,515.1442	3,515.1442	0.0762	0.0000	3,517.0502
Total	1.9500	13.3553	14.0362	0.0824	6.3784	0.0430	6.4214	1.7216	0.0401	1.7617	0.0000	7,804.2637	7,804.2637	0.3613	0.0000	7,813.2956

3.5 Building Construction - 2029

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3350	12.3262	3.7753	0.0434	1.1641	0.0137	1.1778	0.3361	0.0131	0.3492	0.0000	4,286.8274	4,286.8274	0.2844	0.0000	4,293.9371
Worker	1.5289	0.8702	9.7464	0.0379	5.2388	0.0271	5.2659	1.3921	0.0249	1.4170	0.0000	3,431.3570	3,431.3570	0.0722	0.0000	3,433.1617
Total	1.8640	13.1964	13.5216	0.0814	6.4029	0.0408	6.4437	1.7282	0.0380	1.7662	0.0000	7,718.1844	7,718.1844	0.3566	0.0000	7,727.0988

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3350	12.3262	3.7753	0.0434	1.1641	0.0137	1.1778	0.3361	0.0131	0.3492	0.0000	4,286.8274	4,286.8274	0.2844	0.0000	4,293.9371
Worker	1.5289	0.8702	9.7464	0.0379	5.2388	0.0271	5.2659	1.3921	0.0249	1.4170	0.0000	3,431.3570	3,431.3570	0.0722	0.0000	3,433.1617
Total	1.8640	13.1964	13.5216	0.0814	6.4029	0.0408	6.4437	1.7282	0.0380	1.7662	0.0000	7,718.1844	7,718.1844	0.3566	0.0000	7,727.0988

3.5 Building Construction - 2030

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

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3.5 Building Construction - 2030

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3305	12.1970	3.7607	0.0433	1.1641	0.0134	1.1775	0.3361	0.0128	0.3489	0.0000	4,271.5337	4,271.5337	0.2829	0.0000	4,278.6057
Worker	1.4331	0.8147	9.2323	0.0370	5.2388	0.0252	5.2639	1.3921	0.0231	1.4152	0.0000	3,345.7995	3,345.7995	0.0681	0.0000	3,347.5018
Total	1.7636	13.0117	12.9930	0.0802	6.4029	0.0386	6.4415	1.7282	0.0360	1.7642	0.0000	7,617.3331	7,617.3331	0.3510	0.0000	7,626.1075

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

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3.5 Building Construction - 2030

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3305	12.1970	3.7607	0.0433	1.1641	0.0134	1.1775	0.3361	0.0128	0.3489	0.0000	4,271.5337	4,271.5337	0.2829	0.0000	4,278.6057
Worker	1.4331	0.8147	9.2323	0.0370	5.2388	0.0252	5.2639	1.3921	0.0231	1.4152	0.0000	3,345.7995	3,345.7995	0.0681	0.0000	3,347.5018
Total	1.7636	13.0117	12.9930	0.0802	6.4029	0.0386	6.4415	1.7282	0.0360	1.7642	0.0000	7,617.3331	7,617.3331	0.3510	0.0000	7,626.1075

3.5 Building Construction - 2031

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

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3.5 Building Construction - 2031

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3268	12.0856	3.7482	0.0431	1.1641	0.0132	1.1773	0.3361	0.0126	0.3487	0.0000	4,258.6823	4,258.6823	0.2815	0.0000	4,265.7191
Worker	1.3314	0.7629	8.7443	0.0361	5.2388	0.0234	5.2622	1.3921	0.0215	1.4136	0.0000	3,270.9299	3,270.9299	0.0644	0.0000	3,272.5397
Total	1.6582	12.8485	12.4925	0.0792	6.4029	0.0366	6.4395	1.7282	0.0341	1.7623	0.0000	7,529.6122	7,529.6122	0.3459	0.0000	7,538.2589

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

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3.5 Building Construction - 2031

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3268	12.0856	3.7482	0.0431	1.1641	0.0132	1.1773	0.3361	0.0126	0.3487	0.0000	4,258.6823	4,258.6823	0.2815	0.0000	4,265.7191
Worker	1.3314	0.7629	8.7443	0.0361	5.2388	0.0234	5.2622	1.3921	0.0215	1.4136	0.0000	3,270.9299	3,270.9299	0.0644	0.0000	3,272.5397
Total	1.6582	12.8485	12.4925	0.0792	6.4029	0.0366	6.4395	1.7282	0.0341	1.7623	0.0000	7,529.6122	7,529.6122	0.3459	0.0000	7,538.2589

3.5 Building Construction - 2032

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	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933

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3.5 Building Construction - 2032

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3252	12.0322	3.7568	0.0431	1.1686	0.0130	1.1816	0.3374	0.0125	0.3498	0.0000	4,265.3988	4,265.3988	0.2814	0.0000	4,272.4332
Worker	1.2462	0.7225	8.3562	0.0355	5.2589	0.0219	5.2807	1.3974	0.0201	1.4176	0.0000	3,218.2389	3,218.2389	0.0616	0.0000	3,219.7786
Total	1.5714	12.7547	12.1131	0.0787	6.4274	0.0349	6.4624	1.7348	0.0326	1.7674	0.0000	7,483.6377	7,483.6377	0.3430	0.0000	7,492.2118

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	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929

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3.5 Building Construction - 2032

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3252	12.0322	3.7568	0.0431	1.1686	0.0130	1.1816	0.3374	0.0125	0.3498	0.0000	4,265.3988	4,265.3988	0.2814	0.0000	4,272.4332
Worker	1.2462	0.7225	8.3562	0.0355	5.2589	0.0219	5.2807	1.3974	0.0201	1.4176	0.0000	3,218.2389	3,218.2389	0.0616	0.0000	3,219.7786
Total	1.5714	12.7547	12.1131	0.0787	6.4274	0.0349	6.4624	1.7348	0.0326	1.7674	0.0000	7,483.6377	7,483.6377	0.3430	0.0000	7,492.2118

3.5 Building Construction - 2033

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

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3.5 Building Construction - 2033

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3206	11.8514	3.7256	0.0427	1.1597	0.0128	1.1724	0.3348	0.0122	0.3470	0.0000	4,225.1267	4,225.1267	0.2783	0.0000	4,232.0832
Worker	1.1585	0.6806	7.9311	0.0347	5.2187	0.0203	5.2390	1.3868	0.0187	1.4054	0.0000	3,137.9368	3,137.9368	0.0585	0.0000	3,139.3998
Total	1.4791	12.5320	11.6567	0.0774	6.3784	0.0330	6.4114	1.7216	0.0308	1.7524	0.0000	7,363.0635	7,363.0635	0.3368	0.0000	7,371.4831

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

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3.5 Building Construction - 2033

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3206	11.8514	3.7256	0.0427	1.1597	0.0128	1.1724	0.3348	0.0122	0.3470	0.0000	4,225.1267	4,225.1267	0.2783	0.0000	4,232.0832
Worker	1.1585	0.6806	7.9311	0.0347	5.2187	0.0203	5.2390	1.3868	0.0187	1.4054	0.0000	3,137.9368	3,137.9368	0.0585	0.0000	3,139.3998
Total	1.4791	12.5320	11.6567	0.0774	6.3784	0.0330	6.4114	1.7216	0.0308	1.7524	0.0000	7,363.0635	7,363.0635	0.3368	0.0000	7,371.4831

3.5 Building Construction - 2034

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

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3.5 Building Construction - 2034

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3188	11.7740	3.7212	0.0426	1.1597	0.0126	1.1723	0.3348	0.0120	0.3469	0.0000	4,219.2705	4,219.2705	0.2775	0.0000	4,226.2090
Worker	1.0914	0.6499	7.5839	0.0341	5.2187	0.0189	5.2376	1.3868	0.0174	1.4042	0.0000	3,089.9118	3,089.9118	0.0560	0.0000	3,091.3126
Total	1.4103	12.4239	11.3051	0.0768	6.3784	0.0315	6.4099	1.7216	0.0295	1.7510	0.0000	7,309.1823	7,309.1823	0.3336	0.0000	7,317.5216

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

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3.5 Building Construction - 2034

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3188	11.7740	3.7212	0.0426	1.1597	0.0126	1.1723	0.3348	0.0120	0.3469	0.0000	4,219.2705	4,219.2705	0.2775	0.0000	4,226.2090
Worker	1.0914	0.6499	7.5839	0.0341	5.2187	0.0189	5.2376	1.3868	0.0174	1.4042	0.0000	3,089.9118	3,089.9118	0.0560	0.0000	3,091.3126
Total	1.4103	12.4239	11.3051	0.0768	6.3784	0.0315	6.4099	1.7216	0.0295	1.7510	0.0000	7,309.1823	7,309.1823	0.3336	0.0000	7,317.5216

3.5 Building Construction - 2035

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2035

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2035

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

3.5 Building Construction - 2036

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	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686

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3.5 Building Construction - 2036

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3197	11.7990	3.7439	0.0429	1.1686	0.0126	1.1812	0.3374	0.0120	0.3494	0.0000	4,247.140 4	4,247.140 4	0.2790	0.0000	4,254.1152
Worker	1.0418	0.6309	7.3432	0.0339	5.2589	0.0179	5.2767	1.3974	0.0164	1.4139	0.0000	3,072.804 4	3,072.804 4	0.0542	0.0000	3,074.160 3
Total	1.3614	12.4299	11.0871	0.0768	6.4275	0.0304	6.4579	1.7348	0.0284	1.7633	0.0000	7,319.944 8	7,319.944 8	0.3332	0.0000	7,328.275 5

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	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682

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3.5 Building Construction - 2036

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3197	11.7990	3.7439	0.0429	1.1686	0.0126	1.1812	0.3374	0.0120	0.3494	0.0000	4,247.140 4	4,247.140 4	0.2790	0.0000	4,254.1152
Worker	1.0418	0.6309	7.3432	0.0339	5.2589	0.0179	5.2767	1.3974	0.0164	1.4139	0.0000	3,072.804 4	3,072.804 4	0.0542	0.0000	3,074.160 3
Total	1.3614	12.4299	11.0871	0.0768	6.4275	0.0304	6.4579	1.7348	0.0284	1.7633	0.0000	7,319.944 8	7,319.944 8	0.3332	0.0000	7,328.275 5

3.5 Building Construction - 2037

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2037

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2037

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

3.5 Building Construction - 2038

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2038

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2038

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

3.5 Building Construction - 2039

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	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375

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3.5 Building Construction - 2039

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3172	11.7090	3.7153	0.0426	1.1597	0.0125	1.1721	0.3348	0.0119	0.3467	0.0000	4,214.7195	4,214.7195	0.2769	0.0000	4,221.6411
Worker	1.0338	0.6261	7.2872	0.0337	5.2187	0.0177	5.2364	1.3868	0.0163	1.4031	0.0000	3,049.3479	3,049.3479	0.0538	0.0000	3,050.6934
Total	1.3510	12.3351	11.0025	0.0762	6.3784	0.0302	6.4086	1.7216	0.0282	1.7498	0.0000	7,264.0674	7,264.0674	0.3307	0.0000	7,272.3345

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	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371

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3.5 Building Construction - 2039

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3172	11.7090	3.7153	0.0426	1.1597	0.0125	1.1721	0.3348	0.0119	0.3467	0.0000	4,214.7195	4,214.7195	0.2769	0.0000	4,221.6411
Worker	1.0338	0.6261	7.2872	0.0337	5.2187	0.0177	5.2364	1.3868	0.0163	1.4031	0.0000	3,049.3479	3,049.3479	0.0538	0.0000	3,050.6934
Total	1.3510	12.3351	11.0025	0.0762	6.3784	0.0302	6.4086	1.7216	0.0282	1.7498	0.0000	7,264.0674	7,264.0674	0.3307	0.0000	7,272.3345

3.5 Building Construction - 2040

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2040

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2040

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2041

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2041

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2041

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2042

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2042

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2042

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2043

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2043

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2043

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2044

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2044

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2044

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2045

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	tons/yr										MT/yr					
Off-Road	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7194	341.7194	0.0123	0.0000	342.0264
Total	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7194	341.7194	0.0123	0.0000	342.0264

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3.5 Building Construction - 2045

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3103	11.4318	3.6137	0.0424	1.1598	0.0119	1.1717	0.3348	0.0114	0.3462	0.0000	4,199.2863	4,199.2863	0.2668	0.0000	4,205.9570
Worker	0.7314	0.5170	5.9872	0.0318	5.2187	0.0121	5.2308	1.3868	0.0111	1.3979	0.0000	2,881.4866	2,881.4866	0.0440	0.0000	2,882.5873
Total	1.0417	11.9487	9.6008	0.0742	6.3785	0.0240	6.4024	1.7216	0.0225	1.7441	0.0000	7,080.7729	7,080.7729	0.3109	0.0000	7,088.5443

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	tons/yr										MT/yr					
Off-Road	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7190	341.7190	0.0123	0.0000	342.0260
Total	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7190	341.7190	0.0123	0.0000	342.0260

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3.5 Building Construction - 2045

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3103	11.4318	3.6137	0.0424	1.1598	0.0119	1.1717	0.3348	0.0114	0.3462	0.0000	4,199.2863	4,199.2863	0.2668	0.0000	4,205.9570
Worker	0.7314	0.5170	5.9872	0.0318	5.2187	0.0121	5.2308	1.3868	0.0111	1.3979	0.0000	2,881.4866	2,881.4866	0.0440	0.0000	2,882.5873
Total	1.0417	11.9487	9.6008	0.0742	6.3785	0.0240	6.4024	1.7216	0.0225	1.7441	0.0000	7,080.7729	7,080.7729	0.3109	0.0000	7,088.5443

3.5 Building Construction - 2046

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2046

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3115	11.4758	3.6276	0.0426	1.1642	0.0120	1.1762	0.3361	0.0114	0.3476	0.0000	4,215.4374	4,215.4374	0.2679	0.0000	4,222.1337
Worker	0.7342	0.5189	6.0102	0.0319	5.2388	0.0121	5.2509	1.3921	0.0111	1.4032	0.0000	2,892.5692	2,892.5692	0.0442	0.0000	2,893.6742
Total	1.0457	11.9947	9.6377	0.0745	6.4030	0.0241	6.4271	1.7282	0.0226	1.7508	0.0000	7,108.0066	7,108.0066	0.3121	0.0000	7,115.8079

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2046

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3115	11.4758	3.6276	0.0426	1.1642	0.0120	1.1762	0.3361	0.0114	0.3476	0.0000	4,215.4374	4,215.4374	0.2679	0.0000	4,222.1337
Worker	0.7342	0.5189	6.0102	0.0319	5.2388	0.0121	5.2509	1.3921	0.0111	1.4032	0.0000	2,892.5692	2,892.5692	0.0442	0.0000	2,893.6742
Total	1.0457	11.9947	9.6377	0.0745	6.4030	0.0241	6.4271	1.7282	0.0226	1.7508	0.0000	7,108.0066	7,108.0066	0.3121	0.0000	7,115.8079

3.5 Building Construction - 2047

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2047

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3115	11.4758	3.6276	0.0426	1.1642	0.0120	1.1762	0.3361	0.0114	0.3476	0.0000	4,215.4374	4,215.4374	0.2679	0.0000	4,222.1337
Worker	0.7342	0.5189	6.0102	0.0319	5.2388	0.0121	5.2509	1.3921	0.0111	1.4032	0.0000	2,892.5692	2,892.5692	0.0442	0.0000	2,893.6742
Total	1.0457	11.9947	9.6377	0.0745	6.4030	0.0241	6.4271	1.7282	0.0226	1.7508	0.0000	7,108.0066	7,108.0066	0.3121	0.0000	7,115.8079

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2047

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3115	11.4758	3.6276	0.0426	1.1642	0.0120	1.1762	0.3361	0.0114	0.3476	0.0000	4,215.4374	4,215.4374	0.2679	0.0000	4,222.1337
Worker	0.7342	0.5189	6.0102	0.0319	5.2388	0.0121	5.2509	1.3921	0.0111	1.4032	0.0000	2,892.5692	2,892.5692	0.0442	0.0000	2,893.6742
Total	1.0457	11.9947	9.6377	0.0745	6.4030	0.0241	6.4271	1.7282	0.0226	1.7508	0.0000	7,108.0066	7,108.0066	0.3121	0.0000	7,115.8079

3.5 Building Construction - 2048

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	tons/yr										MT/yr					
Off-Road	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3480	344.3480	0.0124	0.0000	344.6574
Total	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3480	344.3480	0.0124	0.0000	344.6574

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3.5 Building Construction - 2048

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3127	11.5197	3.6415	0.0427	1.1687	0.0120	1.1807	0.3374	0.0115	0.3489	0.0000	4,231.5885	4,231.5885	0.2689	0.0000	4,238.3105
Worker	0.7371	0.5209	6.0332	0.0320	5.2589	0.0122	5.2710	1.3974	0.0112	1.4086	0.0000	2,903.6519	2,903.6519	0.0444	0.0000	2,904.7611
Total	1.0497	12.0407	9.6747	0.0748	6.4275	0.0242	6.4517	1.7349	0.0226	1.7575	0.0000	7,135.2404	7,135.2404	0.3133	0.0000	7,143.0716

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	tons/yr										MT/yr					
Off-Road	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3476	344.3476	0.0124	0.0000	344.6569
Total	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3476	344.3476	0.0124	0.0000	344.6569

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3.5 Building Construction - 2048

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3127	11.5197	3.6415	0.0427	1.1687	0.0120	1.1807	0.3374	0.0115	0.3489	0.0000	4,231.5885	4,231.5885	0.2689	0.0000	4,238.3105
Worker	0.7371	0.5209	6.0332	0.0320	5.2589	0.0122	5.2710	1.3974	0.0112	1.4086	0.0000	2,903.6519	2,903.6519	0.0444	0.0000	2,904.7611
Total	1.0497	12.0407	9.6747	0.0748	6.4275	0.0242	6.4517	1.7349	0.0226	1.7575	0.0000	7,135.2404	7,135.2404	0.3133	0.0000	7,143.0716

3.5 Building Construction - 2049

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	tons/yr										MT/yr					
Off-Road	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8617	308.8617	0.0111	0.0000	309.1392
Total	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8617	308.8617	0.0111	0.0000	309.1392

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3.5 Building Construction - 2049

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2805	10.3326	3.2662	0.0383	1.0482	0.0108	1.0590	0.3026	0.0103	0.3129	0.0000	3,795.5088	3,795.5088	0.2412	0.0000	3,801.5380
Worker	0.6611	0.4673	5.4115	0.0287	4.7169	0.0109	4.7278	1.2534	0.0100	1.2635	0.0000	2,604.4206	2,604.4206	0.0398	0.0000	2,605.4155
Total	0.9416	10.7998	8.6777	0.0671	5.7651	0.0217	5.7868	1.5561	0.0203	1.5764	0.0000	6,399.9293	6,399.9293	0.2810	0.0000	6,406.9535

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	tons/yr										MT/yr					
Off-Road	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8614	308.8614	0.0111	0.0000	309.1389
Total	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8614	308.8614	0.0111	0.0000	309.1389

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3.5 Building Construction - 2049

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2805	10.3326	3.2662	0.0383	1.0482	0.0108	1.0590	0.3026	0.0103	0.3129	0.0000	3,795.5088	3,795.5088	0.2412	0.0000	3,801.5380
Worker	0.6611	0.4673	5.4115	0.0287	4.7169	0.0109	4.7278	1.2534	0.0100	1.2635	0.0000	2,604.4206	2,604.4206	0.0398	0.0000	2,605.4155
Total	0.9416	10.7998	8.6777	0.0671	5.7651	0.0217	5.7868	1.5561	0.0203	1.5764	0.0000	6,399.9293	6,399.9293	0.2810	0.0000	6,406.9535

3.6 Paving - 2048

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	tons/yr										MT/yr					
Off-Road	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0449	253.0449	8.5000e-003	0.0000	253.2575
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0449	253.0449	8.5000e-003	0.0000	253.2575

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3.6 Paving - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764
Total	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764

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	tons/yr										MT/yr					
Off-Road	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0446	253.0446	8.5000e-003	0.0000	253.2572
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0446	253.0446	8.5000e-003	0.0000	253.2572

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3.6 Paving - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764
Total	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764

3.6 Paving - 2049

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	tons/yr										MT/yr					
Off-Road	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1693	283.1693	9.5200e-003	0.0000	283.4072
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1693	283.1693	9.5200e-003	0.0000	283.4072

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3.6 Paving - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069
Total	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069

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	tons/yr										MT/yr					
Off-Road	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1690	283.1690	9.5200e-003	0.0000	283.4069
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1690	283.1690	9.5200e-003	0.0000	283.4069

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3.6 Paving - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069
Total	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069

3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
Archit. Coating	32.0418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8092	26.8092	9.4000e-004	0.0000	26.8328
Total	32.0538	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8092	26.8092	9.4000e-004	0.0000	26.8328

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3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1181	0.0835	0.9670	5.1400e-003	0.8429	1.9500e-003	0.8448	0.2240	1.7900e-003	0.2258	0.0000	465.3779	465.3779	7.1100e-003	0.0000	465.5557
Total	0.1181	0.0835	0.9670	5.1400e-003	0.8429	1.9500e-003	0.8448	0.2240	1.7900e-003	0.2258	0.0000	465.3779	465.3779	7.1100e-003	0.0000	465.5557

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	tons/yr										MT/yr					
Archit. Coating	32.0418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8091	26.8091	9.4000e-004	0.0000	26.8327
Total	32.0538	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8091	26.8091	9.4000e-004	0.0000	26.8327

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3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1181	0.0835	0.9670	5.1400e-003	0.8429	1.9500e-003	0.8448	0.2240	1.7900e-003	0.2258	0.0000	465.3779	465.3779	7.1100e-003	0.0000	465.5557
Total	0.1181	0.0835	0.9670	5.1400e-003	0.8429	1.9500e-003	0.8448	0.2240	1.7900e-003	0.2258	0.0000	465.3779	465.3779	7.1100e-003	0.0000	465.5557

3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
Archit. Coating	35.8563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271
Total	35.8698	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271

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3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1322	0.0934	1.0821	5.7500e-003	0.9432	2.1800e-003	0.9454	0.2506	2.0000e-003	0.2526	0.0000	520.7801	520.7801	7.9600e-003	0.0000	520.9790
Total	0.1322	0.0934	1.0821	5.7500e-003	0.9432	2.1800e-003	0.9454	0.2506	2.0000e-003	0.2526	0.0000	520.7801	520.7801	7.9600e-003	0.0000	520.9790

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	tons/yr										MT/yr					
Archit. Coating	35.8563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271
Total	35.8698	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271

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3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1322	0.0934	1.0821	5.7500e-003	0.9432	2.1800e-003	0.9454	0.2506	2.0000e-003	0.2526	0.0000	520.7801	520.7801	7.9600e-003	0.0000	520.9790
Total	0.1322	0.0934	1.0821	5.7500e-003	0.9432	2.1800e-003	0.9454	0.2506	2.0000e-003	0.2526	0.0000	520.7801	520.7801	7.9600e-003	0.0000	520.9790

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.6567	5.8020	3.7808	0.0358		0.4537	0.4537		0.4537	0.4537	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475
NaturalGas Unmitigated	0.6567	5.8020	3.7808	0.0358		0.4537	0.4537		0.4537	0.4537	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475

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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	tons/yr										MT/yr					
Apartments Low Rise	3.02052e+007	0.1629	1.3918	0.5923	8.8800e-003		0.1125	0.1125		0.1125	0.1125	0.0000	1,611.8669	1,611.8669	0.0309	0.0296	1,621.4454
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.3376e+007	0.3417	3.1067	2.6096	0.0186		0.2361	0.2361		0.2361	0.2361	0.0000	3,381.9858	3,381.9858	0.0648	0.0620	3,402.0832
Single Family Housing	2.7022e+007	0.1457	1.2451	0.5298	7.9500e-003		0.1007	0.1007		0.1007	0.1007	0.0000	1,441.9986	1,441.9986	0.0276	0.0264	1,450.5677
Total		0.6567	5.8020	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475

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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	tons/yr										MT/yr					
Apartments Low Rise	3.02052e+007	0.1629	1.3918	0.5923	8.8800e-003		0.1125	0.1125		0.1125	0.1125	0.0000	1,611.8669	1,611.8669	0.0309	0.0296	1,621.4454
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.3376e+007	0.3417	3.1067	2.6096	0.0186		0.2361	0.2361		0.2361	0.2361	0.0000	3,381.9858	3,381.9858	0.0648	0.0620	3,402.0832
Single Family Housing	2.7022e+007	0.1457	1.2451	0.5298	7.9500e-003		0.1007	0.1007		0.1007	0.1007	0.0000	1,441.9986	1,441.9986	0.0276	0.0264	1,450.5677
Total		0.6567	5.8020	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.65543e+007	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	4.95807e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.62052e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.65543e+007	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	4.95807e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.62052e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Proposed Project - Village Focused - 2050 - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	436.1746	7.9667	515.7318	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8642	0.4938	9,278.9146
Unmitigated	436.1746	7.9667	515.7318	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8642	0.4938	9,278.9146

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	tons/yr										MT/yr					
Architectural Coating	6.7898					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	46.6660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	381.3714	7.4477	470.7615	0.8529		66.0053	66.0053		66.0053	66.0053	6,278.3169	2,633.0346	8,911.3515	5.7938	0.4938	9,203.3610
Landscaping	1.3474	0.5190	44.9703	2.3900e-003		0.2504	0.2504		0.2504	0.2504	0.0000	73.7945	73.7945	0.0704	0.0000	75.5536
Total	436.1746	7.9667	515.7318	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8642	0.4938	9,278.9146

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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	tons/yr										MT/yr					
Architectural Coating	6.7898					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	46.6660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	381.3714	7.4477	470.7615	0.8529		66.0053	66.0053		66.0053	66.0053	6,278.3169	2,633.0346	8,911.3515	5.7938	0.4938	9,203.3610
Landscaping	1.3474	0.5190	44.9703	2.3900e-003		0.2504	0.2504		0.2504	0.2504	0.0000	73.7945	73.7945	0.0704	0.0000	75.5536
Total	436.1746	7.9667	515.7318	0.8553		66.2557	66.2557		66.2557	66.2557	6,278.3169	2,706.8290	8,985.1459	5.8642	0.4938	9,278.9146

7.0 Water Detail

7.1 Mitigation Measures Water

Proposed Project - Village Focused - 2050 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	366.3453	37.6272	0.8885	1,571.7856
Unmitigated	366.3453	37.6272	0.8885	1,571.7856

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	262.701 / 165.616	83.3429	8.5601	0.2021	357.5785
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	731.908 / 448.589	232.2005	23.8492	0.5631	996.2442
Single Family Housing	133.305 / 84.0402	42.2916	4.3438	0.1026	181.4498
Total		366.3453	37.6272	0.8885	1,571.7856

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	262.701 / 165.616	83.3429	8.5601	0.2021	357.5785
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	731.908 / 448.589	232.2005	23.8492	0.5631	996.2442
Single Family Housing	133.305 / 84.0402	42.2916	4.3438	0.1026	181.4498
Total		366.3453	37.6272	0.8885	1,571.7856

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,670.1325	98.7020	0.0000	4,137.6826
Unmitigated	1,670.1325	98.7020	0.0000	4,137.6826

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1854.72	376.4914	22.2500	0.0000	932.7415
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3829.74	777.4026	45.9432	0.0000	1,925.9821
Single Family Housing	2399.32	487.0403	28.7833	0.0000	1,206.6217
Total		1,670.1325	98.7020	0.0000	4,137.6826

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1854.72	376.4914	22.2500	0.0000	932.7415
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3829.74	777.4026	45.9432	0.0000	1,925.9821
Single Family Housing	2399.32	487.0403	28.7833	0.0000	1,206.6217
Total		1,670.1325	98.7020	0.0000	4,137.6826

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

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Equipment Type	Number
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11.0 Vegetation

Proposed Project - Village Focused - 2050 - San Diego County, Summer

**Proposed Project - Village Focused - 2050
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,118.00	1000sqft	94.54	4,118,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	4,032.00	Dwelling Unit	252.00	4,032,000.00	11532
Single Family Housing	2,046.00	Dwelling Unit	664.29	3,682,800.00	5852

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Proposed Project - Village Focused - 2050 - San Diego County, Summer

Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	404.00
tblConstructionPhase	NumDays	6,000.00	243.00
tblConstructionPhase	NumDays	15,500.00	627.00
tblConstructionPhase	NumDays	155,000.00	6,266.00
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	PhaseEndDate	5/1/2059	7/20/2022

Proposed Project - Village Focused - 2050 - San Diego County, Summer

tblConstructionPhase	PhaseEndDate	4/30/2082	6/26/2023
tblConstructionPhase	PhaseEndDate	9/28/2141	11/19/2025
tblConstructionPhase	PhaseEndDate	11/14/2735	11/25/2049
tblConstructionPhase	PhaseEndDate	1/12/2778	11/25/2049
tblConstructionPhase	PhaseEndDate	3/12/2820	11/25/2049
tblConstructionPhase	PhaseStartDate	5/2/2059	7/21/2022
tblConstructionPhase	PhaseStartDate	5/1/2082	6/27/2023
tblConstructionPhase	PhaseStartDate	9/29/2141	11/20/2025
tblConstructionPhase	PhaseStartDate	11/15/2735	3/13/2048
tblConstructionPhase	PhaseStartDate	1/13/2778	3/13/2048
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00

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tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	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					
2021	3.2170	31.4744	21.9629	0.0401	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,870.1111	3,870.1111	1.0584	0.0000	3,896.5706
2022	3.2290	33.1204	20.9640	0.0400	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,864.4651	3,864.4651	1.1960	0.0000	3,890.8559
2023	3.3837	34.5530	28.5094	0.0636	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,162.3911	6,162.3911	1.9481	0.0000	6,211.0945
2024	3.2770	32.4113	28.1512	0.0635	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,154.7161	6,154.7161	1.9473	0.0000	6,203.3976
2025	18.1421	119.3442	144.9927	0.7208	50.2214	1.1319	51.1260	13.5269	1.0414	14.3742	0.0000	74,708.4901	74,708.4901	3.8601	0.0000	74,804.9920
2026	17.4788	117.3866	138.6368	0.7055	50.2213	0.8933	51.1146	13.5269	0.8368	14.3637	0.0000	73,216.7993	73,216.7993	3.7806	0.0000	73,311.3140
2027	16.8284	115.5530	133.0178	0.6920	50.2213	0.8771	51.0984	13.5269	0.8217	14.3486	0.0000	71,895.9108	71,895.9108	3.7116	0.0000	71,988.7000
2028	16.1617	113.9978	128.2528	0.6802	50.2213	0.8571	51.0785	13.5269	0.8033	14.3301	0.0000	70,745.1613	70,745.1613	3.6518	0.0000	70,836.4574

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	15.4472	112.4439	123.6996	0.6697	50.2213	0.8387	51.0600	13.5269	0.7862	14.3130	0.0000	69,717.3261	69,717.3261	3.6004	0.0000	69,807.3361
2030	14.6245	106.5471	119.5358	0.6645	50.2213	0.4426	50.6639	13.5269	0.4226	13.9495	0.0000	69,166.0744	69,166.0744	3.0682	0.0000	69,242.7803
2031	13.8253	105.3451	115.5300	0.6566	50.2213	0.4275	50.6488	13.5269	0.4087	13.9356	0.0000	68,390.2301	68,390.2301	3.0249	0.0000	68,465.8513
2032	13.1207	104.2949	112.1159	0.6498	50.2213	0.4138	50.6351	13.5269	0.3960	13.9229	0.0000	67,731.0950	67,731.0950	2.9892	0.0000	67,805.8243
2033	12.5082	103.3664	109.1824	0.6441	50.2213	0.4014	50.6228	13.5269	0.3846	13.9114	0.0000	67,168.2103	67,168.2103	2.9588	0.0000	67,242.1792
2034	11.9793	102.5671	106.3470	0.6391	50.2214	0.3899	50.6112	13.5269	0.3739	13.9008	0.0000	66,690.3688	66,690.3688	2.9312	0.0000	66,763.6500
2035	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2036	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2037	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2038	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2039	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2040	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2041	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2042	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2043	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2044	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2045	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.1700	64,663.1700	2.7250	0.0000	64,731.2959
2046	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.1700	64,663.1700	2.7250	0.0000	64,731.2959

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2047	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.1700	64,663.1700	2.7250	0.0000	64,731.2959
2048	316.4371	103.1260	120.4024	0.7020	58.5681	0.4004	58.9685	15.7409	0.3874	16.1283	0.0000	72,833.7961	72,833.7961	2.9049	0.0000	72,906.4181
2049	316.4371	103.1260	120.4024	0.7020	58.5681	0.4004	58.9685	15.7409	0.3874	16.1283	0.0000	72,833.7961	72,833.7961	2.9049	0.0000	72,906.4181
Maximum	316.4371	119.3442	144.9927	0.7208	58.5681	1.6136	58.9685	15.7409	1.4845	16.1283	0.0000	74,708.4901	74,708.4901	3.8601	0.0000	74,804.9920

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	3.2170	31.4744	21.9629	0.0401	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,870.1111	3,870.1111	1.0584	0.0000	3,896.5706
2022	3.2290	33.1204	20.9640	0.0400	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,864.4651	3,864.4651	1.1960	0.0000	3,890.8559
2023	3.3837	34.5530	28.5094	0.0636	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,162.3911	6,162.3911	1.9481	0.0000	6,211.0945
2024	3.2770	32.4113	28.1512	0.0635	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,154.7161	6,154.7161	1.9473	0.0000	6,203.3976
2025	18.1421	119.3442	144.9927	0.7208	50.2214	1.1319	51.1260	13.5269	1.0414	14.3742	0.0000	74,708.4901	74,708.4901	3.8601	0.0000	74,804.9920
2026	17.4788	117.3866	138.6368	0.7055	50.2213	0.8933	51.1146	13.5269	0.8368	14.3637	0.0000	73,216.7993	73,216.7993	3.7806	0.0000	73,311.3140
2027	16.8284	115.5530	133.0178	0.6920	50.2213	0.8771	51.0984	13.5269	0.8217	14.3486	0.0000	71,895.9108	71,895.9108	3.7116	0.0000	71,988.7000
2028	16.1617	113.9978	128.2528	0.6802	50.2213	0.8571	51.0785	13.5269	0.8033	14.3301	0.0000	70,745.1613	70,745.1613	3.6518	0.0000	70,836.4574

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	15.4472	112.4439	123.6996	0.6697	50.2213	0.8387	51.0600	13.5269	0.7862	14.3130	0.0000	69,717.3261	69,717.3261	3.6004	0.0000	69,807.3361
2030	14.6245	106.5471	119.5358	0.6645	50.2213	0.4426	50.6639	13.5269	0.4226	13.9495	0.0000	69,166.0744	69,166.0744	3.0682	0.0000	69,242.7803
2031	13.8253	105.3451	115.5300	0.6566	50.2213	0.4275	50.6488	13.5269	0.4087	13.9356	0.0000	68,390.2301	68,390.2301	3.0249	0.0000	68,465.8513
2032	13.1207	104.2949	112.1159	0.6498	50.2213	0.4138	50.6351	13.5269	0.3960	13.9229	0.0000	67,731.0950	67,731.0950	2.9892	0.0000	67,805.8243
2033	12.5082	103.3664	109.1824	0.6441	50.2213	0.4014	50.6228	13.5269	0.3846	13.9114	0.0000	67,168.2103	67,168.2103	2.9588	0.0000	67,242.1792
2034	11.9793	102.5671	106.3470	0.6391	50.2214	0.3899	50.6112	13.5269	0.3739	13.9008	0.0000	66,690.3688	66,690.3688	2.9312	0.0000	66,763.6500
2035	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2036	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2037	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2038	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2039	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2040	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2041	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2042	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2043	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2044	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2045	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.1700	64,663.1700	2.7250	0.0000	64,731.2959
2046	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.1700	64,663.1700	2.7250	0.0000	64,731.2959

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2047	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.1700	64,663.1700	2.7250	0.0000	64,731.2959
2048	316.4371	103.1260	120.4024	0.7020	58.5681	0.4004	58.9685	15.7409	0.3874	16.1283	0.0000	72,833.7961	72,833.7961	2.9049	0.0000	72,906.4181
2049	316.4371	103.1260	120.4024	0.7020	58.5681	0.4004	58.9685	15.7409	0.3874	16.1283	0.0000	72,833.7961	72,833.7961	2.9049	0.0000	72,906.4181
Maximum	316.4371	119.3442	144.9927	0.7208	58.5681	1.6136	58.9685	15.7409	1.4845	16.1283	0.0000	74,708.4901	74,708.4901	3.8601	0.0000	74,804.9920

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Proposed Project - Village Focused - 2050 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395
Energy	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
Mobile	0.0000	0.0000	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	9,613.2190	219.2105	12,002.3743	21.0249	0.0000	1,615.1528	1,615.1528	0.0000	1,615.1528	1,615.1528	168,796.5794	110,951.5786	279,748.1580	157.3855	13.9968	287,853.8513

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	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395
Energy	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
Mobile	0.0000	0.0000	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	9,613.2190	219.2105	12,002.3743	21.0249	0.0000	1,615.1528	1,615.1528	0.0000	1,615.1528	1,615.1528	168,796.5794	110,951.5786	279,748.1580	157.3855	13.9968	287,853.8513

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1567.5

Acres of Paving: 0

Residential Indoor: 15,622,470; Residential Outdoor: 5,207,490; Non-Residential Indoor: 6,351,000; Non-Residential Outdoor: 2,117,000;
 Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Proposed Project - Village Focused - 2050 - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Proposed Project - Village Focused - 2050 - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,006.00	1,344.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,001.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.2 Demolition - 2022

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	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.2 Demolition - 2022

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	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.3 Site Preparation - 2022

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	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.3 Site Preparation - 2022

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	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954		3,687.3081	3,687.3081	1.1926		3,717.1219

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.3 Site Preparation - 2023

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	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099
Total	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.3 Site Preparation - 2023

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	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099
Total	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070		6,011.4777	6,011.4777	1.9442		6,060.0836

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.4 Grading - 2023

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	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.4 Grading - 2023

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	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251		6,009.7487	6,009.7487	1.9437		6,058.3405

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.4 Grading - 2024

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	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.4 Grading - 2024

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	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571

3.4 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369		6,008.2814	6,008.2814	1.9432		6,056.8614

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.4 Grading - 2025

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	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851
Total	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.4 Grading - 2025

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	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851
Total	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2025

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	2.7287	98.9499	28.7416	0.3447	9.0983	0.1138	9.2121	2.6191	0.1088	2.7279		37,334.70 39	37,334.70 39	2.4302		37,395.45 82
Worker	14.0460	7.9247	100.1664	0.3491	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		34,817.311 8	34,817.311 8	0.8290		34,838.03 57
Total	16.7747	106.8746	128.9081	0.6938	50.2214	0.3770	50.5984	13.5269	0.3511	13.8779		72,152.01 57	72,152.01 57	3.2591		72,233.49 39

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2025

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	2.7287	98.9499	28.7416	0.3447	9.0983	0.1138	9.2121	2.6191	0.1088	2.7279		37,334.70 39	37,334.70 39	2.4302		37,395.45 82
Worker	14.0460	7.9247	100.1664	0.3491	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		34,817.31 18	34,817.31 18	0.8290		34,838.03 57
Total	16.7747	106.8746	128.9081	0.6938	50.2214	0.3770	50.5984	13.5269	0.3511	13.8779		72,152.01 57	72,152.01 57	3.2591		72,233.49 39

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2026

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	2.6595	97.5453	28.3470	0.3423	9.0982	0.1107	9.2089	2.6191	0.1058	2.7249		37,118.4076	37,118.4076	2.4069		37,178.5792
Worker	13.4519	7.3716	94.2052	0.3363	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		33,541.9173	33,541.9173	0.7728		33,561.2368
Total	16.1114	104.9169	122.5521	0.6786	50.2213	0.3657	50.5871	13.5269	0.3405	13.8674		70,660.3249	70,660.3249	3.1796		70,739.8159

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2026

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	2.6595	97.5453	28.3470	0.3423	9.0982	0.1107	9.2089	2.6191	0.1058	2.7249		37,118.4076	37,118.4076	2.4069		37,178.5792
Worker	13.4519	7.3716	94.2052	0.3363	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		33,541.9173	33,541.9173	0.7728		33,561.2368
Total	16.1114	104.9169	122.5521	0.6786	50.2213	0.3657	50.5871	13.5269	0.3405	13.8674		70,660.3249	70,660.3249	3.1796		70,739.8159

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2027

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	2.6010	96.2015	28.0103	0.3401	9.0982	0.1082	9.2064	2.6191	0.1034	2.7225		36,920.54 65	36,920.54 65	2.3868		36,980.21 57
Worker	12.8600	6.8818	88.9229	0.3250	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		32,418.88 99	32,418.88 99	0.7239		32,436.98 63
Total	15.4610	103.0833	116.9331	0.6651	50.2213	0.3495	50.5708	13.5269	0.3254	13.8523		69,339.43 64	69,339.43 64	3.1106		69,417.20 19

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2027

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	2.6010	96.2015	28.0103	0.3401	9.0982	0.1082	9.2064	2.6191	0.1034	2.7225		36,920.54 65	36,920.54 65	2.3868		36,980.21 57
Worker	12.8600	6.8818	88.9229	0.3250	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		32,418.88 99	32,418.88 99	0.7239		32,436.98 63
Total	15.4610	103.0833	116.9331	0.6651	50.2213	0.3495	50.5708	13.5269	0.3254	13.8523		69,339.43 64	69,339.43 64	3.1106		69,417.20 19

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2028

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	2.5553	95.0795	27.8427	0.3382	9.0982	0.1061	9.2043	2.6191	0.1014	2.7205		36,754.69 13	36,754.69 13	2.3685		36,813.90 33
Worker	12.2390	6.4487	84.3254	0.3151	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		31,433.99 57	31,433.99 57	0.6824		31,451.05 59
Total	14.7943	101.5282	112.1681	0.6533	50.2213	0.3296	50.5509	13.5269	0.3070	13.8339		68,188.68 70	68,188.68 70	3.0509		68,264.95 93

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2028

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	2.5553	95.0795	27.8427	0.3382	9.0982	0.1061	9.2043	2.6191	0.1014	2.7205		36,754.69 13	36,754.69 13	2.3685		36,813.90 33
Worker	12.2390	6.4487	84.3254	0.3151	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		31,433.99 57	31,433.99 57	0.6824		31,451.05 59
Total	14.7943	101.5282	112.1681	0.6533	50.2213	0.3296	50.5509	13.5269	0.3070	13.8339		68,188.68 70	68,188.68 70	3.0509		68,264.95 93

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2029

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	2.5114	93.9237	27.6521	0.3363	9.0982	0.1036	9.2018	2.6191	0.0990	2.7181		36,592.1511	36,592.1511	2.3554		36,651.0355
Worker	11.5684	6.0504	79.9628	0.3064	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		30,568.7007	30,568.7007	0.6441		30,584.8025
Total	14.0798	99.9742	107.6150	0.6427	50.2213	0.3111	50.5324	13.5269	0.2899	13.8168		67,160.8517	67,160.8517	2.9995		67,235.8380

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2029

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	2.5114	93.9237	27.6521	0.3363	9.0982	0.1036	9.2018	2.6191	0.0990	2.7181		36,592.1511	36,592.1511	2.3554		36,651.0355
Worker	11.5684	6.0504	79.9628	0.3064	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		30,568.7007	30,568.7007	0.6441		30,584.8025
Total	14.0798	99.9742	107.6150	0.6427	50.2213	0.3111	50.5324	13.5269	0.2899	13.8168		67,160.8517	67,160.8517	2.9995		67,235.8380

3.5 Building Construction - 2030

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2030

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	2.4776	92.9462	27.5548	0.3348	9.0982	0.1017	9.1998	2.6191	0.0972	2.7162		36,460.1463	36,460.1463	2.3440		36,518.7474
Worker	10.8378	5.6663	75.8241	0.2987	41.1231	0.1928	41.3159	10.9078	0.1774	11.0851		29,808.3813	29,808.3813	0.6080		29,823.5800
Total	13.3153	98.6125	103.3788	0.6336	50.2213	0.2945	50.5158	13.5269	0.2745	13.8014		66,268.5276	66,268.5276	2.9520		66,342.3274

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2030

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	2.4776	92.9462	27.5548	0.3348	9.0982	0.1017	9.1998	2.6191	0.0972	2.7162		36,460.1463	36,460.1463	2.3440		36,518.7474
Worker	10.8378	5.6663	75.8241	0.2987	41.1231	0.1928	41.3159	10.9078	0.1774	11.0851		29,808.3813	29,808.3813	0.6080		29,823.5800
Total	13.3153	98.6125	103.3788	0.6336	50.2213	0.2945	50.5158	13.5269	0.2745	13.8014		66,268.5276	66,268.5276	2.9520		66,342.3274

3.5 Building Construction - 2031

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2031

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	2.4504	92.1022	27.4713	0.3336	9.0982	0.1000	9.1982	2.6191	0.0956	2.7147		36,349.2586	36,349.2586	2.3333		36,407.5903
Worker	10.0658	5.3082	71.9017	0.2920	41.1231	0.1794	41.3025	10.9078	0.1650	11.0728		29,143.4247	29,143.4247	0.5753		29,157.8082
Total	12.5162	97.4104	99.3730	0.6256	50.2213	0.2794	50.5007	13.5269	0.2605	13.7874		65,492.6833	65,492.6833	2.9086		65,565.3985

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2031

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	2.4504	92.1022	27.4713	0.3336	9.0982	0.1000	9.1982	2.6191	0.0956	2.7147		36,349.2586	36,349.2586	2.3333		36,407.5903
Worker	10.0658	5.3082	71.9017	0.2920	41.1231	0.1794	41.3025	10.9078	0.1650	11.0728		29,143.4247	29,143.4247	0.5753		29,157.8082
Total	12.5162	97.4104	99.3730	0.6256	50.2213	0.2794	50.5007	13.5269	0.2605	13.7874		65,492.6833	65,492.6833	2.9086		65,565.3985

3.5 Building Construction - 2032

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2032

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	2.4286	91.3502	27.4353	0.3327	9.0982	0.0986	9.1968	2.6191	0.0942	2.7133		36,267.1170	36,267.1170	2.3244		36,325.2258
Worker	9.3829	5.0101	68.5237	0.2862	41.1231	0.1671	41.2902	10.9078	0.1537	11.0614		28,566.4313	28,566.4313	0.5486		28,580.1457
Total	11.8116	96.3603	95.9589	0.6189	50.2213	0.2657	50.4870	13.5269	0.2479	13.7748		64,833.5482	64,833.5482	2.8729		64,905.3714

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2032

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	2.4286	91.3502	27.4353	0.3327	9.0982	0.0986	9.1968	2.6191	0.0942	2.7133		36,267.1170	36,267.1170	2.3244		36,325.2258
Worker	9.3829	5.0101	68.5237	0.2862	41.1231	0.1671	41.2902	10.9078	0.1537	11.0614		28,566.4313	28,566.4313	0.5486		28,580.1457
Total	11.8116	96.3603	95.9589	0.6189	50.2213	0.2657	50.4870	13.5269	0.2479	13.7748		64,833.5482	64,833.5482	2.8729		64,905.3714

3.5 Building Construction - 2033

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2033

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	2.4131	90.6745	27.4196	0.3319	9.0982	0.0973	9.1956	2.6191	0.0930	2.7121		36,201.08 27	36,201.08 27	2.3169		36,259.00 58
Worker	8.7860	4.7573	65.6058	0.2812	41.1231	0.1559	41.2791	10.9078	0.1434	11.0512		28,069.58 08	28,069.58 08	0.5256		28,082.72 06
Total	11.1990	95.4318	93.0254	0.6131	50.2213	0.2533	50.4746	13.5269	0.2364	13.7633		64,270.66 35	64,270.66 35	2.8425		64,341.72 64

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2033

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	2.4131	90.6745	27.4196	0.3319	9.0982	0.0973	9.1956	2.6191	0.0930	2.7121		36,201.08 27	36,201.08 27	2.3169		36,259.00 58
Worker	8.7860	4.7573	65.6058	0.2812	41.1231	0.1559	41.2791	10.9078	0.1434	11.0512		28,069.58 08	28,069.58 08	0.5256		28,082.72 06
Total	11.1990	95.4318	93.0254	0.6131	50.2213	0.2533	50.4746	13.5269	0.2364	13.7633		64,270.66 35	64,270.66 35	2.8425		64,341.72 64

3.5 Building Construction - 2034

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2034

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	2.3996	90.0886	27.3899	0.3313	9.0983	0.0962	9.1944	2.6191	0.0919	2.7110		36,151.34 57	36,151.34 57	2.3115		36,209.13 19
Worker	8.2706	4.5439	62.8001	0.2769	41.1231	0.1456	41.2687	10.9078	0.1339	11.0417		27,641.47 64	27,641.47 64	0.5036		27,654.06 52
Total	10.6702	94.6325	90.1900	0.6082	50.2214	0.2417	50.4631	13.5269	0.2258	13.7527		63,792.82 20	63,792.82 20	2.8150		63,863.19 72

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2034

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	2.3996	90.0886	27.3899	0.3313	9.0983	0.0962	9.1944	2.6191	0.0919	2.7110		36,151.34 57	36,151.34 57	2.3115		36,209.13 19
Worker	8.2706	4.5439	62.8001	0.2769	41.1231	0.1456	41.2687	10.9078	0.1339	11.0417		27,641.47 64	27,641.47 64	0.5036		27,654.06 52
Total	10.6702	94.6325	90.1900	0.6082	50.2214	0.2417	50.4631	13.5269	0.2258	13.7527		63,792.82 20	63,792.82 20	2.8150		63,863.19 72

3.5 Building Construction - 2035

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2035

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2035

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2036

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2036

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2036

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2037

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2037

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2037

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2038

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2038

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2038

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2039

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2039

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2039

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2040

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2040

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2040

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2041

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2041

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2041

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2042

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2042

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2042

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2043

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2043

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2043

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2044

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2044

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2044

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2045

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2045

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2045

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.5 Building Construction - 2046

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2046

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2046

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.5 Building Construction - 2047

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2047

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2047

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.5 Building Construction - 2048

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2048

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2048

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.5 Building Construction - 2049

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2049

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.5 Building Construction - 2049

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.6 Paving - 2048

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.6 Paving - 2048

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.6 Paving - 2048

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

3.6 Paving - 2049

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.6 Paving - 2049

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.6 Paving - 2049

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

3.7 Architectural Coating - 2048

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2048

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	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941
Total	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2048

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	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941
Total	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941

3.7 Architectural Coating - 2049

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2049

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	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941
Total	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - San Diego County, Summer

3.7 Architectural Coating - 2049

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	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941
Total	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Proposed Project - Village Focused - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Proposed Project - Village Focused - 2050 - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
NaturalGas Unmitigated	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

Proposed Project - Village Focused - 2050 - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	82754.1	0.8925	7.6264	3.2453	0.0487		0.6166	0.6166		0.6166	0.6166		9,735.7757	9,735.7757	0.1866	0.1785	9,793.6306
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

Proposed Project - Village Focused - 2050 - San Diego County, Summer

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					
Apartments Low Rise	82.7541	0.8925	7.6264	3.2453	0.0487		0.6166	0.6166		0.6166	0.6166		9,735.7757	9,735.7757	0.1866	0.1785	9,793.6306
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74.033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

6.0 Area Detail

6.1 Mitigation Measures Area

Proposed Project - Village Focused - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395
Unmitigated	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395

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	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9,301.7406	181.6523	11,481.9884	20.8021		1,609.8842	1,609.8842		1,609.8842	1,609.8842	168,796.5794	70,790.8235	239,587.4029	155.7712	13.2771	247,438.2670
Landscaping	14.9712	5.7664	499.6694	0.0265		2.7823	2.7823		2.7823	2.7823		903.8275	903.8275	0.8618		925.3725
Total	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395

Proposed Project - Village Focused - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9,301.7406	181.6523	11,481.9884	20.8021		1,609.8842	1,609.8842		1,609.8842	1,609.8842	168,796.5794	70,790.8235	239,587.4029	155.7712	13.2771	247,438.2670
Landscaping	14.9712	5.7664	499.6694	0.0265		2.7823	2.7823		2.7823	2.7823		903.8275	903.8275	0.8618		925.3725
Total	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Proposed Project - Village Focused - 2050 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Proposed Project - Village Focused - 2050 - San Diego County, Winter

Proposed Project - Village Focused - 2050
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,118.00	1000sqft	94.54	4,118,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	4,032.00	Dwelling Unit	252.00	4,032,000.00	11532
Single Family Housing	2,046.00	Dwelling Unit	664.29	3,682,800.00	5852

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Proposed Project - Village Focused - 2050 - San Diego County, Winter

Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

Grading -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	404.00
tblConstructionPhase	NumDays	6,000.00	243.00
tblConstructionPhase	NumDays	15,500.00	627.00
tblConstructionPhase	NumDays	155,000.00	6,266.00
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	PhaseEndDate	5/1/2059	7/20/2022

Proposed Project - Village Focused - 2050 - San Diego County, Winter

tblConstructionPhase	PhaseEndDate	4/30/2082	6/26/2023
tblConstructionPhase	PhaseEndDate	9/28/2141	11/19/2025
tblConstructionPhase	PhaseEndDate	11/14/2735	11/25/2049
tblConstructionPhase	PhaseEndDate	1/12/2778	11/25/2049
tblConstructionPhase	PhaseEndDate	3/12/2820	11/25/2049
tblConstructionPhase	PhaseStartDate	5/2/2059	7/21/2022
tblConstructionPhase	PhaseStartDate	5/1/2082	6/27/2023
tblConstructionPhase	PhaseStartDate	9/29/2141	11/20/2025
tblConstructionPhase	PhaseStartDate	11/15/2735	3/13/2048
tblConstructionPhase	PhaseStartDate	1/13/2778	3/13/2048
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00

Proposed Project - Village Focused - 2050 - San Diego County, Winter

tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	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					
2021	3.2240	31.4785	21.9390	0.0400	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,862.6271	3,862.6271	1.0582	0.0000	3,889.0819
2022	3.2371	33.1249	20.9411	0.0399	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,857.2600	3,857.2600	1.1958	0.0000	3,883.6463
2023	3.3923	34.5576	28.4801	0.0635	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,153.1570	6,153.1570	1.9479	0.0000	6,201.8547
2024	3.2854	32.4155	28.1232	0.0634	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,145.8511	6,145.8511	1.9471	0.0000	6,194.5273
2025	20.3491	119.8624	141.0918	0.6909	50.2214	1.1319	51.1311	13.5269	1.0414	14.3791	0.0000	71,631.5942	71,631.5942	3.9348	0.0000	71,729.9642
2026	19.6373	117.8399	134.9683	0.6765	50.2213	0.8978	51.1191	13.5269	0.8410	14.3679	0.0000	70,229.7497	70,229.7497	3.8527	0.0000	70,326.0672
2027	18.9303	115.9434	129.5616	0.6638	50.2213	0.8810	51.1024	13.5269	0.8255	14.3524	0.0000	68,986.3964	68,986.3964	3.7815	0.0000	69,080.9328
2028	18.1893	114.3397	124.9933	0.6527	50.2213	0.8607	51.0820	13.5269	0.8066	14.3335	0.0000	67,903.7459	67,903.7459	3.7194	0.0000	67,996.7315

Proposed Project - Village Focused - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	17.3870	112.7398	120.6149	0.6427	50.2213	0.8417	51.0630	13.5269	0.7891	14.3159	0.0000	66,936.24 82	66,936.24 82	3.6662	0.0000	67,027.90 26
2030	16.4598	106.7976	116.6197	0.6381	50.2213	0.4453	50.6666	13.5269	0.4252	13.9521	0.0000	66,436.15 41	66,436.15 41	3.1326	0.0000	66,514.46 89
2031	15.5437	105.5541	112.7685	0.6306	50.2213	0.4299	50.6512	13.5269	0.4110	13.9378	0.0000	65,704.30 53	65,704.30 53	3.0881	0.0000	65,781.50 83
2032	14.7337	104.4685	109.4957	0.6242	50.2213	0.4160	50.6373	13.5269	0.3981	13.9250	0.0000	65,081.66 87	65,081.66 87	3.0515	0.0000	65,157.95 61
2033	14.0294	103.5084	106.6875	0.6187	50.2213	0.4033	50.6247	13.5269	0.3864	13.9133	0.0000	64,548.95 95	64,548.95 95	3.0203	0.0000	64,624.46 80
2034	13.4230	102.6809	103.9759	0.6141	50.2214	0.3916	50.6130	13.5269	0.3756	13.9025	0.0000	64,095.97 38	64,095.97 38	2.9924	0.0000	64,170.78 49
2035	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2036	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2037	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2038	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2039	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2040	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2041	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2042	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2043	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2044	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2045	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78
2046	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78

Proposed Project - Village Focused - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2047	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.7378	62,173.7378	2.7844	0.0000	62,243.3478
2048	317.6711	103.2055	117.6342	0.6748	58.5681	0.4012	58.9694	15.7409	0.3882	16.1291	0.0000	70,020.9863	70,020.9863	2.9584	0.0000	70,094.9465
2049	317.6711	103.2055	117.6342	0.6748	58.5681	0.4012	58.9694	15.7409	0.3882	16.1291	0.0000	70,020.9863	70,020.9863	2.9584	0.0000	70,094.9465
Maximum	317.6711	119.8624	141.0918	0.6909	58.5681	1.6136	58.9694	15.7409	1.4845	16.1291	0.0000	71,631.5942	71,631.5942	3.9348	0.0000	71,729.9642

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	3.2240	31.4785	21.9390	0.0400	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,862.6271	3,862.6271	1.0582	0.0000	3,889.0819
2022	3.2371	33.1249	20.9411	0.0399	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,857.2600	3,857.2600	1.1958	0.0000	3,883.6463
2023	3.3923	34.5576	28.4801	0.0635	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,153.1570	6,153.1570	1.9479	0.0000	6,201.8547
2024	3.2854	32.4155	28.1232	0.0634	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,145.8511	6,145.8511	1.9471	0.0000	6,194.5273
2025	20.3491	119.8624	141.0918	0.6909	50.2214	1.1319	51.1311	13.5269	1.0414	14.3791	0.0000	71,631.5942	71,631.5942	3.9348	0.0000	71,729.9642
2026	19.6373	117.8399	134.9683	0.6765	50.2213	0.8978	51.1191	13.5269	0.8410	14.3679	0.0000	70,229.7497	70,229.7497	3.8527	0.0000	70,326.0672
2027	18.9303	115.9434	129.5616	0.6638	50.2213	0.8810	51.1024	13.5269	0.8255	14.3524	0.0000	68,986.3964	68,986.3964	3.7815	0.0000	69,080.9328
2028	18.1893	114.3397	124.9933	0.6527	50.2213	0.8607	51.0820	13.5269	0.8066	14.3335	0.0000	67,903.7459	67,903.7459	3.7194	0.0000	67,996.7315

Proposed Project - Village Focused - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	17.3870	112.7398	120.6149	0.6427	50.2213	0.8417	51.0630	13.5269	0.7891	14.3159	0.0000	66,936.24 82	66,936.24 82	3.6662	0.0000	67,027.90 26
2030	16.4598	106.7976	116.6197	0.6381	50.2213	0.4453	50.6666	13.5269	0.4252	13.9521	0.0000	66,436.15 41	66,436.15 41	3.1326	0.0000	66,514.46 89
2031	15.5437	105.5541	112.7685	0.6306	50.2213	0.4299	50.6512	13.5269	0.4110	13.9378	0.0000	65,704.30 53	65,704.30 53	3.0881	0.0000	65,781.50 83
2032	14.7337	104.4685	109.4957	0.6242	50.2213	0.4160	50.6373	13.5269	0.3981	13.9250	0.0000	65,081.66 87	65,081.66 87	3.0515	0.0000	65,157.95 61
2033	14.0294	103.5084	106.6875	0.6187	50.2213	0.4033	50.6247	13.5269	0.3864	13.9133	0.0000	64,548.95 95	64,548.95 95	3.0203	0.0000	64,624.46 80
2034	13.4230	102.6809	103.9759	0.6141	50.2214	0.3916	50.6130	13.5269	0.3756	13.9025	0.0000	64,095.97 38	64,095.97 38	2.9924	0.0000	64,170.78 49
2035	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2036	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2037	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2038	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2039	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2040	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2041	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2042	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2043	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2044	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2045	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78
2046	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78

Proposed Project - Village Focused - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2047	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78
2048	317.6711	103.2055	117.6342	0.6748	58.5681	0.4012	58.9694	15.7409	0.3882	16.1291	0.0000	70,020.98 63	70,020.98 63	2.9584	0.0000	70,094.94 64
2049	317.6711	103.2055	117.6342	0.6748	58.5681	0.4012	58.9694	15.7409	0.3882	16.1291	0.0000	70,020.98 63	70,020.98 63	2.9584	0.0000	70,094.94 64
Maximum	317.6711	119.8624	141.0918	0.6909	58.5681	1.6136	58.9694	15.7409	1.4845	16.1291	0.0000	71,631.59 42	71,631.59 42	3.9348	0.0000	71,729.96 42

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Proposed Project - Village Focused - 2050 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395
Energy	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
Mobile	0.0000	0.0000	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	9,613.2190	219.2105	12,002.3743	21.0249	0.0000	1,615.1528	1,615.1528	0.0000	1,615.1528	1,615.1528	168,796.5794	110,951.5786	279,748.1580	157.3855	13.9968	287,853.8513

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	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395
Energy	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
Mobile	0.0000	0.0000	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	9,613.2190	219.2105	12,002.3743	21.0249	0.0000	1,615.1528	1,615.1528	0.0000	1,615.1528	1,615.1528	168,796.5794	110,951.5786	279,748.1580	157.3855	13.9968	287,853.8513

Proposed Project - Village Focused - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1567.5

Acres of Paving: 0

Residential Indoor: 15,622,470; Residential Outdoor: 5,207,490; Non-Residential Indoor: 6,351,000; Non-Residential Outdoor: 2,117,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Proposed Project - Village Focused - 2050 - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Proposed Project - Village Focused - 2050 - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,006.00	1,344.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,001.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.2 Demolition - 2022

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	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.2 Demolition - 2022

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	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.3 Site Preparation - 2022

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	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.3 Site Preparation - 2022

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	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954		3,687.3081	3,687.3081	1.1926		3,717.1219

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.3 Site Preparation - 2023

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	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940
Total	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.3 Site Preparation - 2023

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	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940
Total	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070		6,011.4777	6,011.4777	1.9442		6,060.0836

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.4 Grading - 2023

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	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.4 Grading - 2023

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	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251		6,009.7487	6,009.7487	1.9437		6,058.3405

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.4 Grading - 2024

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	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.4 Grading - 2024

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	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868

3.4 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369		6,008.2814	6,008.2814	1.9432		6,056.8614

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.4 Grading - 2025

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	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790
Total	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.4 Grading - 2025

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	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790
Total	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2025

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	2.8771	98.5067	31.4993	0.3361	9.0983	0.1189	9.2172	2.6191	0.1137	2.7328		36,385.66 54	36,385.66 54	2.5544		36,449.52 42
Worker	16.1045	8.8860	93.5078	0.3278	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		32,689.45 44	32,689.45 44	0.7795		32,708.94 19
Total	18.9817	107.3928	125.0071	0.6639	50.2214	0.3822	50.6035	13.5269	0.3560	13.8829		69,075.11 98	69,075.11 98	3.3339		69,158.46 62

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2025

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	2.8771	98.5067	31.4993	0.3361	9.0983	0.1189	9.2172	2.6191	0.1137	2.7328		36,385.66 54	36,385.66 54	2.5544		36,449.52 42
Worker	16.1045	8.8860	93.5078	0.3278	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		32,689.45 44	32,689.45 44	0.7795		32,708.94 19
Total	18.9817	107.3928	125.0071	0.6639	50.2214	0.3822	50.6035	13.5269	0.3560	13.8829		69,075.11 98	69,075.11 98	3.3339		69,158.46 62

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2026

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	2.8026	97.1060	31.0363	0.3338	9.0982	0.1151	9.2134	2.6191	0.1100	2.7292		36,180.94 44	36,180.94 44	2.5258		36,244.08 81
Worker	15.4673	8.2642	87.8474	0.3157	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		31,492.33 10	31,492.33 10	0.7260		31,510.48 10
Total	18.2699	105.3702	118.8837	0.6495	50.2213	0.3702	50.5915	13.5269	0.3448	13.8716		67,673.27 53	67,673.27 53	3.2518		67,754.56 91

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2026

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	2.8026	97.1060	31.0363	0.3338	9.0982	0.1151	9.2134	2.6191	0.1100	2.7292		36,180.94 44	36,180.94 44	2.5258		36,244.08 81
Worker	15.4673	8.2642	87.8474	0.3157	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		31,492.33 10	31,492.33 10	0.7260		31,510.48 10
Total	18.2699	105.3702	118.8837	0.6495	50.2213	0.3702	50.5915	13.5269	0.3448	13.8716		67,673.27 53	67,673.27 53	3.2518		67,754.56 91

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2027

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	2.7400	95.7602	30.6446	0.3317	9.0982	0.1122	9.2104	2.6191	0.1072	2.7263		35,992.66 50	35,992.66 50	2.5011		36,055.19 17
Worker	14.8229	7.7135	82.8324	0.3051	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		30,437.25 71	30,437.25 71	0.6794		30,454.24 31
Total	17.5629	103.4737	113.4770	0.6368	50.2213	0.3535	50.5748	13.5269	0.3292	13.8561		66,429.92 21	66,429.92 21	3.1805		66,509.43 47

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2027

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	2.7400	95.7602	30.6446	0.3317	9.0982	0.1122	9.2104	2.6191	0.1072	2.7263		35,992.66 50	35,992.66 50	2.5011		36,055.19 17
Worker	14.8229	7.7135	82.8324	0.3051	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		30,437.25 71	30,437.25 71	0.6794		30,454.24 31
Total	17.5629	103.4737	113.4770	0.6368	50.2213	0.3535	50.5748	13.5269	0.3292	13.8561		66,429.92 21	66,429.92 21	3.1805		66,509.43 47

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2028

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	2.6908	94.6436	30.4357	0.3299	9.0982	0.1096	9.2078	2.6191	0.1048	2.7239		35,835.9000	35,835.9000	2.4784		35,897.8598
Worker	14.1311	7.2264	78.4729	0.2958	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		29,511.3716	29,511.3716	0.6401		29,527.3736
Total	16.8219	101.8700	108.9086	0.6257	50.2213	0.3331	50.5544	13.5269	0.3104	13.8372		65,347.2715	65,347.2715	3.1185		65,425.2334

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2028

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	2.6908	94.6436	30.4357	0.3299	9.0982	0.1096	9.2078	2.6191	0.1048	2.7239		35,835.9000	35,835.9000	2.4784		35,897.8598
Worker	14.1311	7.2264	78.4729	0.2958	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		29,511.3716	29,511.3716	0.6401		29,527.3736
Total	16.8219	101.8700	108.9086	0.6257	50.2213	0.3331	50.5544	13.5269	0.3104	13.8372		65,347.2715	65,347.2715	3.1185		65,425.2334

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2029

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	2.6435	93.4923	30.2033	0.3282	9.0982	0.1067	9.2049	2.6191	0.1020	2.7211		35,682.49 07	35,682.49 07	2.4616		35,744.03 14
Worker	13.3761	6.7778	74.3269	0.2876	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		28,697.28 31	28,697.28 31	0.6036		28,712.37 32
Total	16.0196	100.2701	104.5302	0.6158	50.2213	0.3142	50.5355	13.5269	0.2928	13.8197		64,379.77 39	64,379.77 39	3.0652		64,456.40 46

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2029

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	2.6435	93.4923	30.2033	0.3282	9.0982	0.1067	9.2049	2.6191	0.1020	2.7211		35,682.49 07	35,682.49 07	2.4616		35,744.03 14
Worker	13.3761	6.7778	74.3269	0.2876	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		28,697.28 31	28,697.28 31	0.6036		28,712.37 32
Total	16.0196	100.2701	104.5302	0.6158	50.2213	0.3142	50.5355	13.5269	0.2928	13.8197		64,379.77 39	64,379.77 39	3.0652		64,456.40 46

3.5 Building Construction - 2030

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2030

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	2.6072	92.5182	30.0766	0.3267	9.0982	0.1043	9.2025	2.6191	0.0997	2.7188		35,557.20 31	35,557.20 31	2.4471		35,618.38 10
Worker	12.5435	6.3448	70.3861	0.2804	41.1231	0.1928	41.3159	10.9078	0.1774	11.0851		27,981.40 43	27,981.40 43	0.5692		27,995.63 50
Total	15.1507	98.8630	100.4627	0.6071	50.2213	0.2972	50.5184	13.5269	0.2771	13.8039		63,538.60 74	63,538.60 74	3.0164		63,614.01 61

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2030

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	2.6072	92.5182	30.0766	0.3267	9.0982	0.1043	9.2025	2.6191	0.0997	2.7188		35,557.20 31	35,557.20 31	2.4471		35,618.38 10
Worker	12.5435	6.3448	70.3861	0.2804	41.1231	0.1928	41.3159	10.9078	0.1774	11.0851		27,981.40 43	27,981.40 43	0.5692		27,995.63 50
Total	15.1507	98.8630	100.4627	0.6071	50.2213	0.2972	50.5184	13.5269	0.2771	13.8039		63,538.60 74	63,538.60 74	3.0164		63,614.01 61

3.5 Building Construction - 2031

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2031

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	2.5779	91.6790	29.9682	0.3256	9.0982	0.1024	9.2006	2.6191	0.0978	2.7169		35,451.87 39	35,451.87 39	2.4337		35,512.71 68
Worker	11.6567	5.9404	66.6432	0.2741	41.1231	0.1794	41.3025	10.9078	0.1650	11.0728		27,354.88 47	27,354.88 47	0.5382		27,368.33 87
Total	14.2346	97.6195	96.6115	0.5996	50.2213	0.2817	50.5030	13.5269	0.2628	13.7897		62,806.75 86	62,806.75 86	2.9719		62,881.05 55

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2031

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	2.5779	91.6790	29.9682	0.3256	9.0982	0.1024	9.2006	2.6191	0.0978	2.7169		35,451.87 39	35,451.87 39	2.4337		35,512.71 68
Worker	11.6567	5.9404	66.6432	0.2741	41.1231	0.1794	41.3025	10.9078	0.1650	11.0728		27,354.88 47	27,354.88 47	0.5382		27,368.33 87
Total	14.2346	97.6195	96.6115	0.5996	50.2213	0.2817	50.5030	13.5269	0.2628	13.7897		62,806.75 86	62,806.75 86	2.9719		62,881.05 55

3.5 Building Construction - 2032

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2032

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	2.5546	90.9299	29.9164	0.3246	9.0982	0.1007	9.1990	2.6191	0.0963	2.7154		35,372.96 69	35,372.96 69	2.4226		35,433.53 18
Worker	10.8701	5.6040	63.4223	0.2686	41.1231	0.1671	41.2902	10.9078	0.1537	11.0614		26,811.155 0	26,811.155 0	0.5127		26,823.97 14
Total	13.4246	96.5339	93.3387	0.5933	50.2213	0.2678	50.4891	13.5269	0.2499	13.7768		62,184.12 19	62,184.12 19	2.9353		62,257.50 33

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2032

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	2.5546	90.9299	29.9164	0.3246	9.0982	0.1007	9.1990	2.6191	0.0963	2.7154		35,372.9669	35,372.9669	2.4226		35,433.5318
Worker	10.8701	5.6040	63.4223	0.2686	41.1231	0.1671	41.2902	10.9078	0.1537	11.0614		26,811.1550	26,811.1550	0.5127		26,823.9714
Total	13.4246	96.5339	93.3387	0.5933	50.2213	0.2678	50.4891	13.5269	0.2499	13.7768		62,184.1219	62,184.1219	2.9353		62,257.5033

3.5 Building Construction - 2033

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2033

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	2.5379	90.2549	29.8905	0.3239	9.0982	0.0993	9.1975	2.6191	0.0948	2.7140		35,308.46 65	35,308.46 65	2.4133		35,368.79 94
Worker	10.1823	5.3190	60.6401	0.2639	41.1231	0.1559	41.2791	10.9078	0.1434	11.0512		26,342.94 63	26,342.94 63	0.4908		26,355.21 57
Total	12.7202	95.5738	90.5306	0.5878	50.2213	0.2552	50.4765	13.5269	0.2383	13.7652		61,651.41 28	61,651.41 28	2.9041		61,724.01 51

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2033

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	2.5379	90.2549	29.8905	0.3239	9.0982	0.0993	9.1975	2.6191	0.0948	2.7140		35,308.46 65	35,308.46 65	2.4133		35,368.79 94
Worker	10.1823	5.3190	60.6401	0.2639	41.1231	0.1559	41.2791	10.9078	0.1434	11.0512		26,342.94 63	26,342.94 63	0.4908		26,355.21 57
Total	12.7202	95.5738	90.5306	0.5878	50.2213	0.2552	50.4765	13.5269	0.2383	13.7652		61,651.41 28	61,651.41 28	2.9041		61,724.01 51

3.5 Building Construction - 2034

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2034

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	2.5236	89.6677	29.8527	0.3233	9.0983	0.0979	9.1962	2.6191	0.0936	2.7127		35,258.91 98	35,258.91 98	2.4064		35,319.07 95
Worker	9.5903	5.0786	57.9662	0.2598	41.1231	0.1456	41.2687	10.9078	0.1339	11.0417		25,939.50 72	25,939.50 72	0.4698		25,951.25 25
Total	12.1139	94.7463	87.8189	0.5831	50.2214	0.2435	50.4649	13.5269	0.2275	13.7543		61,198.42 70	61,198.42 70	2.8762		61,270.33 20

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2034

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	2.5236	89.6677	29.8527	0.3233	9.0983	0.0979	9.1962	2.6191	0.0936	2.7127		35,258.9198	35,258.9198	2.4064		35,319.0795
Worker	9.5903	5.0786	57.9662	0.2598	41.1231	0.1456	41.2687	10.9078	0.1339	11.0417		25,939.5072	25,939.5072	0.4698		25,951.2525
Total	12.1139	94.7463	87.8189	0.5831	50.2214	0.2435	50.4649	13.5269	0.2275	13.7543		61,198.4270	61,198.4270	2.8762		61,270.3320

3.5 Building Construction - 2035

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2035

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2035

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2036

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2036

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2036

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2037

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2037

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2037

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2038

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2038

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2038

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2039

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2039

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2039

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2040

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2040

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2040

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2041

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2041

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2041

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2042

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2042

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2042

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2043

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2043

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2043

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2044

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2044

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2044

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2045

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2045

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2045

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

3.5 Building Construction - 2046

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2046

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2046

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

3.5 Building Construction - 2047

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2047

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2047

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

3.5 Building Construction - 2048

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2048

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2048

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

3.5 Building Construction - 2049

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2049

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.5 Building Construction - 2049

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.3385	35,087.3385	2.3116		35,145.1290
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.8523	24,188.8523	0.3687		24,198.0685
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.1907	59,276.1907	2.6803		59,343.1975

3.6 Paving - 2048

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.6 Paving - 2048

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.6 Paving - 2048

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

3.6 Paving - 2049

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.6 Paving - 2049

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.6 Paving - 2049

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

3.7 Architectural Coating - 2048

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2048

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	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9
Total	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2048

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	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9
Total	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9

3.7 Architectural Coating - 2049

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2049

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	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9
Total	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - San Diego County, Winter

3.7 Architectural Coating - 2049

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	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9
Total	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Proposed Project - Village Focused - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Proposed Project - Village Focused - 2050 - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
NaturalGas Unmitigated	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

Proposed Project - Village Focused - 2050 - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	82754.1	0.8925	7.6264	3.2453	0.0487		0.6166	0.6166		0.6166	0.6166		9,735.7757	9,735.7757	0.1866	0.1785	9,793.6306
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

Proposed Project - Village Focused - 2050 - San Diego County, Winter

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					
Apartments Low Rise	82.7541	0.8925	7.6264	3.2453	0.0487		0.6166	0.6166		0.6166	0.6166		9,735.7757	9,735.7757	0.1866	0.1785	9,793.6306
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74.033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

6.0 Area Detail

6.1 Mitigation Measures Area

Proposed Project - Village Focused - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395
Unmitigated	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395

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	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9,301.7406	181.6523	11,481.9884	20.8021		1,609.8842	1,609.8842		1,609.8842	1,609.8842	168,796.5794	70,790.8235	239,587.4029	155.7712	13.2771	247,438.2670
Landscaping	14.9712	5.7664	499.6694	0.0265		2.7823	2.7823		2.7823	2.7823		903.8275	903.8275	0.8618		925.3725
Total	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9,301.7406	181.6523	11,481.9884	20.8021		1,609.8842	1,609.8842		1,609.8842	1,609.8842	168,796.5794	70,790.8235	239,587.4029	155.7712	13.2771	247,438.2670
Landscaping	14.9712	5.7664	499.6694	0.0265		2.7823	2.7823		2.7823	2.7823		903.8275	903.8275	0.8618		925.3725
Total	9,609.6205	187.4186	11,981.6578	20.8286		1,612.6665	1,612.6665		1,612.6665	1,612.6665	168,796.5794	71,694.6510	240,491.2304	156.6330	13.2771	248,363.6395

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,118.00	1000sqft	94.54	4,118,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	4,032.00	Dwelling Unit	252.00	4,032,000.00	11532
Single Family Housing	2,046.00	Dwelling Unit	664.29	3,682,800.00	5852

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

Woodstoves - Fireplaces = natural gas only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	NumDays	155,000.00	6,266.00
tblConstructionPhase	NumDays	10,000.00	404.00
tblConstructionPhase	NumDays	15,500.00	627.00
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	NumDays	6,000.00	243.00

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tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblFireplaces	NumberGas	2,217.60	3,628.80
tblFireplaces	NumberGas	1,125.30	1,841.40
tblFireplaces	NumberWood	1,411.20	0.00
tblFireplaces	NumberWood	716.10	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

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2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4199	4.1079	2.8631	5.2200e-003	0.0157	0.2026	0.2183	4.1700e-003	0.1882	0.1923	0.0000	457.4230	457.4230	0.1253	0.0000	460.5550
2022	0.3812	3.7791	2.6741	5.1600e-003	1.0739	0.1833	1.2572	0.5855	0.1695	0.7550	0.0000	452.9944	452.9944	0.1319	0.0000	456.2924
2023	0.3978	4.0517	3.0820	6.7400e-003	2.3927	0.1753	2.5680	0.9424	0.1613	1.1037	0.0000	592.1832	592.1832	0.1868	0.0000	596.8518
2024	0.4294	4.2463	3.6843	8.3100e-003	1.6411	0.1751	1.8162	0.5290	0.1611	0.6900	0.0000	730.5418	730.5418	0.2314	0.0000	736.3266
2025	0.6167	5.0429	5.1857	0.0178	2.2812	0.1443	2.4256	0.6756	0.1330	0.8087	0.0000	1,630.0420	1,630.0420	0.2566	0.0000	1,636.4578
2026	2.3071	15.4936	17.4850	0.0893	6.4029	0.1168	6.5197	1.7282	0.1094	1.8376	0.0000	8,415.8907	8,415.8907	0.4491	0.0000	8,427.1172
2027	2.2230	15.2446	16.7829	0.0877	6.4029	0.1147	6.5176	1.7282	0.1074	1.8356	0.0000	8,266.8023	8,266.8023	0.4409	0.0000	8,277.8246
2028	2.1278	14.9763	16.1272	0.0859	6.3784	0.1116	6.4900	1.7216	0.1046	1.8262	0.0000	8,105.7590	8,105.7590	0.4322	0.0000	8,116.5627
2029	2.0424	14.8237	15.6207	0.0849	6.4029	0.1096	6.5125	1.7282	0.1028	1.8310	0.0000	8,020.8393	8,020.8393	0.4277	0.0000	8,031.5323
2030	1.9344	14.0472	15.1015	0.0843	6.4029	0.0579	6.4608	1.7282	0.0553	1.7835	0.0000	7,960.3668	7,960.3668	0.3647	0.0000	7,969.4852
2031	1.8291	13.8839	14.6010	0.0833	6.4029	0.0559	6.4588	1.7282	0.0535	1.7817	0.0000	7,872.6459	7,872.6459	0.3596	0.0000	7,881.6365
2032	1.7429	13.7942	14.2297	0.0827	6.4274	0.0543	6.4818	1.7348	0.0520	1.7868	0.0000	7,827.9856	7,827.9856	0.3568	0.0000	7,836.9051
2033	1.6493	13.5635	13.7571	0.0814	6.3784	0.0523	6.4307	1.7216	0.0501	1.7717	0.0000	7,704.7829	7,704.7829	0.3505	0.0000	7,713.5451

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2034	1.5805	13.4555	13.4055	0.0808	6.3784	0.0508	6.4292	1.7216	0.0487	1.7703	0.0000	7,650.9016	7,650.9016	0.3473	0.0000	7,659.5837
2035	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.0397	7,635.0397	0.3447	0.0000	7,643.6580
2036	1.5208	13.3681	13.1986	0.0809	6.4275	0.0423	6.4697	1.7348	0.0403	1.7751	0.0000	7,664.2928	7,664.2928	0.3461	0.0000	7,672.9441
2037	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.0397	7,635.0397	0.3447	0.0000	7,643.6580
2038	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.0397	7,635.0397	0.3447	0.0000	7,643.6580
2039	1.5092	13.2660	13.0978	0.0803	6.3784	0.0420	6.4203	1.7216	0.0400	1.7616	0.0000	7,605.7867	7,605.7867	0.3434	0.0000	7,614.3720
2040	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.6758	7,508.6758	0.3334	0.0000	7,517.0107
2041	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.6758	7,508.6758	0.3334	0.0000	7,517.0107
2042	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.6758	7,508.6758	0.3334	0.0000	7,517.0107
2043	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.6758	7,508.6758	0.3334	0.0000	7,517.0107
2044	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.6758	7,508.6758	0.3334	0.0000	7,517.0107
2045	1.1973	12.8445	11.6962	0.0782	6.3785	0.0336	6.4120	1.7216	0.0321	1.7537	0.0000	7,422.4922	7,422.4922	0.3231	0.0000	7,430.5707
2046	1.2019	12.8939	11.7412	0.0785	6.4030	0.0337	6.4367	1.7282	0.0322	1.7604	0.0000	7,451.0403	7,451.0403	0.3244	0.0000	7,459.1498
2047	1.2019	12.8939	11.7412	0.0785	6.4030	0.0337	6.4367	1.7282	0.0322	1.7604	0.0000	7,451.0403	7,451.0403	0.3244	0.0000	7,459.1498
2048	33.4864	13.4883	14.6167	0.0873	7.2830	0.0488	7.3318	1.9622	0.0471	2.0093	0.0000	8,231.7940	8,231.7940	0.3423	0.0000	8,240.3512
2049	37.2050	12.2193	13.7390	0.0802	6.7225	0.0471	6.7696	1.8105	0.0456	1.8560	0.0000	7,550.5450	7,550.5450	0.3107	0.0000	7,558.3130
Maximum	37.2050	15.4936	17.4850	0.0893	7.2830	0.2026	7.3318	1.9622	0.1882	2.0093	0.0000	8,415.8907	8,415.8907	0.4491	0.0000	8,427.1172

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2.1 Overall Construction

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	tons/yr										MT/yr					
2021	0.4199	4.1079	2.8631	5.2200e-003	0.0157	0.2026	0.2183	4.1700e-003	0.1882	0.1923	0.0000	457.4224	457.4224	0.1253	0.0000	460.5544
2022	0.3812	3.7791	2.6741	5.1600e-003	1.0739	0.1833	1.2572	0.5855	0.1695	0.7550	0.0000	452.9938	452.9938	0.1319	0.0000	456.2919
2023	0.3978	4.0517	3.0820	6.7400e-003	2.3927	0.1753	2.5680	0.9424	0.1613	1.1037	0.0000	592.1825	592.1825	0.1868	0.0000	596.8511
2024	0.4293	4.2463	3.6843	8.3100e-003	1.6411	0.1751	1.8162	0.5290	0.1611	0.6900	0.0000	730.5409	730.5409	0.2314	0.0000	736.3258
2025	0.6167	5.0428	5.1857	0.0178	2.2812	0.1443	2.4256	0.6756	0.1330	0.8087	0.0000	1,630.041 2	1,630.041 2	0.2566	0.0000	1,636.457 0
2026	2.3071	15.4936	17.4850	0.0893	6.4029	0.1168	6.5197	1.7282	0.1094	1.8376	0.0000	8,415.890 4	8,415.890 4	0.4491	0.0000	8,427.1168
2027	2.2230	15.2446	16.7829	0.0877	6.4029	0.1147	6.5176	1.7282	0.1074	1.8356	0.0000	8,266.801 9	8,266.801 9	0.4409	0.0000	8,277.824 2
2028	2.1278	14.9763	16.1272	0.0859	6.3784	0.1116	6.4900	1.7216	0.1046	1.8262	0.0000	8,105.758 7	8,105.758 7	0.4322	0.0000	8,116.562 3
2029	2.0424	14.8237	15.6207	0.0849	6.4029	0.1096	6.5125	1.7282	0.1028	1.8310	0.0000	8,020.838 9	8,020.838 9	0.4277	0.0000	8,031.531 9
2030	1.9344	14.0472	15.1015	0.0843	6.4029	0.0579	6.4608	1.7282	0.0553	1.7835	0.0000	7,960.366 4	7,960.366 4	0.3647	0.0000	7,969.484 8
2031	1.8291	13.8839	14.6010	0.0833	6.4029	0.0559	6.4588	1.7282	0.0535	1.7817	0.0000	7,872.645 5	7,872.645 5	0.3596	0.0000	7,881.636 1
2032	1.7429	13.7942	14.2297	0.0827	6.4274	0.0543	6.4818	1.7348	0.0520	1.7868	0.0000	7,827.985 2	7,827.985 2	0.3568	0.0000	7,836.904 7
2033	1.6493	13.5635	13.7571	0.0814	6.3784	0.0523	6.4307	1.7216	0.0501	1.7717	0.0000	7,704.782 5	7,704.782 5	0.3505	0.0000	7,713.544 7
2034	1.5805	13.4555	13.4055	0.0808	6.3784	0.0508	6.4292	1.7216	0.0487	1.7703	0.0000	7,650.901 2	7,650.901 2	0.3473	0.0000	7,659.583 3
2035	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.039 3	7,635.039 3	0.3447	0.0000	7,643.657 6

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2036	1.5208	13.3681	13.1986	0.0809	6.4275	0.0423	6.4697	1.7348	0.0403	1.7751	0.0000	7,664.292 3	7,664.292 3	0.3461	0.0000	7,672.943 7
2037	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.039 3	7,635.039 3	0.3447	0.0000	7,643.657 6
2038	1.5150	13.3171	13.1482	0.0806	6.4029	0.0421	6.4450	1.7282	0.0401	1.7683	0.0000	7,635.039 3	7,635.039 3	0.3447	0.0000	7,643.657 6
2039	1.5092	13.2660	13.0978	0.0803	6.3784	0.0420	6.4203	1.7216	0.0400	1.7616	0.0000	7,605.786 3	7,605.786 3	0.3434	0.0000	7,614.371 6
2040	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2041	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2042	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2043	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2044	1.2936	12.9995	12.1640	0.0791	6.4030	0.0355	6.4385	1.7282	0.0339	1.7621	0.0000	7,508.675 4	7,508.675 4	0.3334	0.0000	7,517.010 3
2045	1.1973	12.8445	11.6962	0.0782	6.3785	0.0336	6.4120	1.7216	0.0321	1.7537	0.0000	7,422.491 8	7,422.491 8	0.3231	0.0000	7,430.570 3
2046	1.2019	12.8939	11.7412	0.0785	6.4030	0.0337	6.4367	1.7282	0.0322	1.7604	0.0000	7,451.039 9	7,451.039 9	0.3244	0.0000	7,459.149 4
2047	1.2019	12.8939	11.7412	0.0785	6.4030	0.0337	6.4367	1.7282	0.0322	1.7604	0.0000	7,451.039 9	7,451.039 9	0.3244	0.0000	7,459.149 4
2048	33.4864	13.4883	14.6167	0.0873	7.2830	0.0488	7.3318	1.9622	0.0471	2.0093	0.0000	8,231.793 3	8,231.793 3	0.3423	0.0000	8,240.350 5
2049	37.2050	12.2193	13.7390	0.0802	6.7225	0.0471	6.7696	1.8105	0.0456	1.8560	0.0000	7,550.544 3	7,550.544 3	0.3107	0.0000	7,558.312 2
Maximum	37.2050	15.4936	17.4850	0.0893	7.2830	0.2026	7.3318	1.9622	0.1882	2.0093	0.0000	8,415.890 4	8,415.890 4	0.4491	0.0000	8,427.116 8

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	1.1154	1.1154
2	4-1-2021	6-30-2021	1.1275	1.1275
3	7-1-2021	9-30-2021	1.1399	1.1399
4	10-1-2021	12-31-2021	1.1402	1.1402
5	1-1-2022	3-31-2022	0.9144	0.9144
6	4-1-2022	6-30-2022	0.9242	0.9242
7	7-1-2022	9-30-2022	1.1378	1.1378
8	10-1-2022	12-31-2022	1.1948	1.1948
9	1-1-2023	3-31-2023	0.9734	0.9734
10	4-1-2023	6-30-2023	0.9948	0.9948
11	7-1-2023	9-30-2023	1.2465	1.2465
12	10-1-2023	12-31-2023	1.2469	1.2469
13	1-1-2024	3-31-2024	1.1603	1.1603
14	4-1-2024	6-30-2024	1.1599	1.1599
15	7-1-2024	9-30-2024	1.1726	1.1726
16	10-1-2024	12-31-2024	1.1730	1.1730
17	1-1-2025	3-31-2025	0.9946	0.9946
18	4-1-2025	6-30-2025	1.0053	1.0053
19	7-1-2025	9-30-2025	1.0163	1.0163
20	10-1-2025	12-31-2025	2.6557	2.6557
21	1-1-2026	3-31-2026	4.4189	4.4189
22	4-1-2026	6-30-2026	4.3831	4.3831
23	7-1-2026	9-30-2026	4.4313	4.4313
24	10-1-2026	12-31-2026	4.5171	4.5171
25	1-1-2027	3-31-2027	4.3352	4.3352
26	4-1-2027	6-30-2027	4.3024	4.3024

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27	7-1-2027	9-30-2027	4.3497	4.3497
28	10-1-2027	12-31-2027	4.4316	4.4316
29	1-1-2028	3-31-2028	4.3072	4.3072
30	4-1-2028	6-30-2028	4.2302	4.2302
31	7-1-2028	9-30-2028	4.2767	4.2767
32	10-1-2028	12-31-2028	4.3545	4.3545
33	1-1-2029	3-31-2029	4.1826	4.1826
34	4-1-2029	6-30-2029	4.1565	4.1565
35	7-1-2029	9-30-2029	4.2021	4.2021
36	10-1-2029	12-31-2029	4.2756	4.2756
37	1-1-2030	3-31-2030	3.9618	3.9618
38	4-1-2030	6-30-2030	3.9381	3.9381
39	7-1-2030	9-30-2030	3.9814	3.9814
40	10-1-2030	12-31-2030	4.0499	4.0499
41	1-1-2031	3-31-2031	3.8924	3.8924
42	4-1-2031	6-30-2031	3.8730	3.8730
43	7-1-2031	9-30-2031	3.9156	3.9156
44	10-1-2031	12-31-2031	3.9789	3.9789
45	1-1-2032	3-31-2032	3.8741	3.8741
46	4-1-2032	6-30-2032	3.8160	3.8160
47	7-1-2032	9-30-2032	3.8579	3.8579
48	10-1-2032	12-31-2032	3.9166	3.9166
49	1-1-2033	3-31-2033	3.7780	3.7780
50	4-1-2033	6-30-2033	3.7659	3.7659
51	7-1-2033	9-30-2033	3.8073	3.8073
52	10-1-2033	12-31-2033	3.8620	3.8620
53	1-1-2034	3-31-2034	3.7319	3.7319

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54	4-1-2034	6-30-2034	3.7228	3.7228
55	7-1-2034	9-30-2034	3.7637	3.7637
56	10-1-2034	12-31-2034	3.8148	3.8148
57	1-1-2035	3-31-2035	3.6655	3.6655
58	4-1-2035	6-30-2035	3.6584	3.6584
59	7-1-2035	9-30-2035	3.6986	3.6986
60	10-1-2035	12-31-2035	3.7469	3.7469
61	1-1-2036	3-31-2036	3.7062	3.7062
62	4-1-2036	6-30-2036	3.6584	3.6584
63	7-1-2036	9-30-2036	3.6986	3.6986
64	10-1-2036	12-31-2036	3.7469	3.7469
65	1-1-2037	3-31-2037	3.6655	3.6655
66	4-1-2037	6-30-2037	3.6584	3.6584
67	7-1-2037	9-30-2037	3.6986	3.6986
68	10-1-2037	12-31-2037	3.7469	3.7469
69	1-1-2038	3-31-2038	3.6655	3.6655
70	4-1-2038	6-30-2038	3.6584	3.6584
71	7-1-2038	9-30-2038	3.6986	3.6986
72	10-1-2038	12-31-2038	3.7469	3.7469
73	1-1-2039	3-31-2039	3.6655	3.6655
74	4-1-2039	6-30-2039	3.6584	3.6584
75	7-1-2039	9-30-2039	3.6986	3.6986
76	10-1-2039	12-31-2039	3.7469	3.7469
77	1-1-2040	3-31-2040	3.5640	3.5640
78	4-1-2040	6-30-2040	3.5272	3.5272
79	7-1-2040	9-30-2040	3.5660	3.5660
80	10-1-2040	12-31-2040	3.6031	3.6031

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81	1-1-2041	3-31-2041	3.5248	3.5248
82	4-1-2041	6-30-2041	3.5272	3.5272
83	7-1-2041	9-30-2041	3.5660	3.5660
84	10-1-2041	12-31-2041	3.6031	3.6031
85	1-1-2042	3-31-2042	3.5248	3.5248
86	4-1-2042	6-30-2042	3.5272	3.5272
87	7-1-2042	9-30-2042	3.5660	3.5660
88	10-1-2042	12-31-2042	3.6031	3.6031
89	1-1-2043	3-31-2043	3.5248	3.5248
90	4-1-2043	6-30-2043	3.5272	3.5272
91	7-1-2043	9-30-2043	3.5660	3.5660
92	10-1-2043	12-31-2043	3.6031	3.6031
93	1-1-2044	3-31-2044	3.5640	3.5640
94	4-1-2044	6-30-2044	3.5272	3.5272
95	7-1-2044	9-30-2044	3.5660	3.5660
96	10-1-2044	12-31-2044	3.6031	3.6031
97	1-1-2045	3-31-2045	3.4741	3.4741
98	4-1-2045	6-30-2045	3.4789	3.4789
99	7-1-2045	9-30-2045	3.5171	3.5171
100	10-1-2045	12-31-2045	3.5513	3.5513
101	1-1-2046	3-31-2046	3.4741	3.4741
102	4-1-2046	6-30-2046	3.4789	3.4789
103	7-1-2046	9-30-2046	3.5171	3.5171
104	10-1-2046	12-31-2046	3.5513	3.5513
105	1-1-2047	3-31-2047	3.4741	3.4741
106	4-1-2047	6-30-2047	3.4789	3.4789
107	7-1-2047	9-30-2047	3.5171	3.5171

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108	10-1-2047	12-31-2047	3.5513	3.5513
109	1-1-2048	3-31-2048	5.6352	5.6352
110	4-1-2048	6-30-2048	13.6358	13.6358
111	7-1-2048	9-30-2048	13.7856	13.7856
112	10-1-2048	12-31-2048	13.8288	13.8288
113	1-1-2049	3-31-2049	13.5282	13.5282
114	4-1-2049	6-30-2049	13.6358	13.6358
115	7-1-2049	9-30-2049	13.7856	13.7856
		Highest	13.8288	13.8288

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	tons/yr										MT/yr					
Area	61.4320	5.1569	102.7983	0.2096		9.7266	9.7266		9.7266	9.7266	1,228.5835	4,382.3965	5,610.9800	5.8963	0.0790	5,781.9274
Energy	0.6567	5.8020	3.7808	0.0358		0.4537	0.4537		0.4537	0.4537	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,670.1325	0.0000	1,670.1325	98.7020	0.0000	4,137.6826
Water						0.0000	0.0000		0.0000	0.0000	366.3453	0.0000	366.3453	37.6272	0.8885	1,571.7856
Total	62.0887	10.9589	106.5790	0.2455	0.0000	10.1803	10.1803	0.0000	10.1803	10.1803	3,265.0613	10,881.8211	14,146.8824	142.3501	1.0866	18,029.4430

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	61.4320	5.1569	102.7983	0.2096		9.7266	9.7266		9.7266	9.7266	1,228.5835	4,382.3965	5,610.9800	5.8963	0.0790	5,781.9274
Energy	0.6567	5.8020	3.7808	0.0358		0.4537	0.4537		0.4537	0.4537	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,670.1325	0.0000	1,670.1325	98.7020	0.0000	4,137.6826
Water						0.0000	0.0000		0.0000	0.0000	366.3453	0.0000	366.3453	37.6272	0.8885	1,571.7856
Total	62.0887	10.9589	106.5790	0.2455	0.0000	10.1803	10.1803	0.0000	10.1803	10.1803	3,265.0613	10,881.8211	14,146.8824	142.3501	1.0866	18,029.4430

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1567.5

Acres of Paving: 0

Residential Indoor: 15,622,470; Residential Outdoor: 5,207,490; Non-Residential Indoor: 6,351,000; Non-Residential Outdoor: 2,117,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,006.00	1,344.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,001.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7102	443.7102	0.1249	0.0000	446.8324
Total	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7102	443.7102	0.1249	0.0000	446.8324

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226
Total	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226

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	tons/yr										MT/yr					
Off-Road	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7097	443.7097	0.1249	0.0000	446.8319
Total	0.4131	4.1030	2.8142	5.0700e-003		0.2025	0.2025		0.1881	0.1881	0.0000	443.7097	443.7097	0.1249	0.0000	446.8319

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3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226
Total	6.8000e-003	4.8500e-003	0.0489	1.5000e-004	0.0157	1.1000e-004	0.0158	4.1700e-003	1.0000e-004	4.2700e-003	0.0000	13.7127	13.7127	3.9000e-004	0.0000	13.7226

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0301	243.0301	0.0683	0.0000	244.7367
Total	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0301	243.0301	0.0683	0.0000	244.7367

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3.2 Demolition - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426
Total	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426

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	tons/yr										MT/yr					
Off-Road	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0298	243.0298	0.0683	0.0000	244.7365
Total	0.1887	1.8389	1.4725	2.7800e-003		0.0889	0.0889		0.0826	0.0826	0.0000	243.0298	243.0298	0.0683	0.0000	244.7365

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3.2 Demolition - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426
Total	3.5300e-003	2.4300e-003	0.0249	8.0000e-005	8.6000e-003	6.0000e-005	8.6600e-003	2.2900e-003	5.0000e-005	2.3400e-003	0.0000	7.2377	7.2377	2.0000e-004	0.0000	7.2426

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0569	0.0000	1.0569	0.5809	0.0000	0.5809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1855	1.9354	1.1523	2.2300e-003		0.0943	0.0943		0.0868	0.0868	0.0000	195.6204	195.6204	0.0633	0.0000	197.2021
Total	0.1855	1.9354	1.1523	2.2300e-003	1.0569	0.0943	1.1512	0.5809	0.0868	0.6677	0.0000	195.6204	195.6204	0.0633	0.0000	197.2021

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3.3 Site Preparation - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109
Total	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109

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	tons/yr										MT/yr					
Fugitive Dust					1.0569	0.0000	1.0569	0.5809	0.0000	0.5809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1855	1.9354	1.1523	2.2300e-003		0.0943	0.0943		0.0868	0.0868	0.0000	195.6202	195.6202	0.0633	0.0000	197.2019
Total	0.1855	1.9354	1.1523	2.2300e-003	1.0569	0.0943	1.1512	0.5809	0.0868	0.6677	0.0000	195.6202	195.6202	0.0633	0.0000	197.2019

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3.3 Site Preparation - 2022

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109
Total	3.4600e-003	2.3800e-003	0.0244	8.0000e-005	8.4400e-003	6.0000e-005	8.5000e-003	2.2400e-003	5.0000e-005	2.3000e-003	0.0000	7.1061	7.1061	1.9000e-004	0.0000	7.1109

3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
Fugitive Dust					1.1382	0.0000	1.1382	0.6256	0.0000	0.6256	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1676	1.7340	1.1494	2.4000e-003		0.0798	0.0798		0.0734	0.0734	0.0000	210.7394	210.7394	0.0682	0.0000	212.4433
Total	0.1676	1.7340	1.1494	2.4000e-003	1.1382	0.0798	1.2179	0.6256	0.0734	0.6990	0.0000	210.7394	210.7394	0.0682	0.0000	212.4433

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3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652
Total	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652

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	tons/yr										MT/yr					
Fugitive Dust					1.1382	0.0000	1.1382	0.6256	0.0000	0.6256	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1675	1.7340	1.1494	2.4000e-003		0.0798	0.0798		0.0734	0.0734	0.0000	210.7391	210.7391	0.0682	0.0000	212.4431
Total	0.1675	1.7340	1.1494	2.4000e-003	1.1382	0.0798	1.2179	0.6256	0.0734	0.6990	0.0000	210.7391	210.7391	0.0682	0.0000	212.4431

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3.3 Site Preparation - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652
Total	3.5400e-003	2.3400e-003	0.0244	8.0000e-005	9.0900e-003	6.0000e-005	9.1600e-003	2.4200e-003	6.0000e-005	2.4700e-003	0.0000	7.3604	7.3604	1.9000e-004	0.0000	7.3652

3.4 Grading - 2023

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	tons/yr										MT/yr					
Fugitive Dust					1.2347	0.0000	1.2347	0.3115	0.0000	0.3115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2226	2.3126	1.8794	4.1600e-003		0.0954	0.0954		0.0878	0.0878	0.0000	365.3859	365.3859	0.1182	0.0000	368.3402
Total	0.2226	2.3126	1.8794	4.1600e-003	1.2347	0.0954	1.3301	0.3115	0.0878	0.3993	0.0000	365.3859	365.3859	0.1182	0.0000	368.3402

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3.4 Grading - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031
Total	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031

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	tons/yr										MT/yr					
Fugitive Dust					1.2347	0.0000	1.2347	0.3115	0.0000	0.3115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2226	2.3125	1.8794	4.1600e-003		0.0954	0.0954		0.0878	0.0878	0.0000	365.3855	365.3855	0.1182	0.0000	368.3398
Total	0.2226	2.3125	1.8794	4.1600e-003	1.2347	0.0954	1.3301	0.3115	0.0878	0.3993	0.0000	365.3855	365.3855	0.1182	0.0000	368.3398

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3.4 Grading - 2023

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031
Total	4.1800e-003	2.7700e-003	0.0288	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	7.0000e-005	2.9200e-003	0.0000	8.6975	8.6975	2.3000e-004	0.0000	8.7031

3.4 Grading - 2024

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	tons/yr										MT/yr					
Fugitive Dust					1.6201	0.0000	1.6201	0.5234	0.0000	0.5234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4216	4.2414	3.6317	8.1300e-003		0.1749	0.1749		0.1609	0.1609	0.0000	714.2058	714.2058	0.2310	0.0000	719.9805
Total	0.4216	4.2414	3.6317	8.1300e-003	1.6201	0.1749	1.7950	0.5234	0.1609	0.6843	0.0000	714.2058	714.2058	0.2310	0.0000	719.9805

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3.4 Grading - 2024

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462
Total	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462

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	tons/yr										MT/yr					
Fugitive Dust					1.6201	0.0000	1.6201	0.5234	0.0000	0.5234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4216	4.2414	3.6317	8.1300e-003		0.1749	0.1749		0.1609	0.1609	0.0000	714.2049	714.2049	0.2310	0.0000	719.9796
Total	0.4216	4.2414	3.6317	8.1300e-003	1.6201	0.1749	1.7950	0.5234	0.1609	0.6843	0.0000	714.2049	714.2049	0.2310	0.0000	719.9796

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3.4 Grading - 2024

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462
Total	7.7700e-003	4.9600e-003	0.0526	1.8000e-004	0.0210	1.4000e-004	0.0212	5.5800e-003	1.3000e-004	5.7100e-003	0.0000	16.3360	16.3360	4.0000e-004	0.0000	16.3462

3.4 Grading - 2025

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	tons/yr										MT/yr					
Fugitive Dust					1.5267	0.0000	1.5267	0.4721	0.0000	0.4721	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3351	3.2274	3.0412	7.1700e-003		0.1306	0.1306		0.1202	0.1202	0.0000	629.5468	629.5468	0.2036	0.0000	634.6370
Total	0.3351	3.2274	3.0412	7.1700e-003	1.5267	0.1306	1.6573	0.4721	0.1202	0.5923	0.0000	629.5468	629.5468	0.2036	0.0000	634.6370

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3.4 Grading - 2025

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291
Total	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291

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	tons/yr										MT/yr					
Fugitive Dust					1.5267	0.0000	1.5267	0.4721	0.0000	0.4721	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3351	3.2274	3.0412	7.1700e-003		0.1306	0.1306		0.1202	0.1202	0.0000	629.5460	629.5460	0.2036	0.0000	634.6362
Total	0.3351	3.2274	3.0412	7.1700e-003	1.5267	0.1306	1.6573	0.4721	0.1202	0.5923	0.0000	629.5460	629.5460	0.2036	0.0000	634.6362

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3.4 Grading - 2025

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291
Total	6.5400e-003	4.0300e-003	0.0433	1.5000e-004	0.0185	1.2000e-004	0.0187	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.8209	13.8209	3.3000e-004	0.0000	13.8291

3.5 Building Construction - 2025

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	tons/yr										MT/yr					
Off-Road	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9924
Total	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9924

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.0419	1.4933	0.4519	5.1200e-003	0.1338	1.7400e-003	0.1356	0.0386	1.6600e-003	0.0403	0.0000	502.6182	502.6182	0.0338	0.0000	503.4636
Worker	0.2126	0.1311	1.4079	4.9700e-003	0.6022	3.9500e-003	0.6061	0.1600	3.6300e-003	0.1637	0.0000	449.2682	449.2682	0.0107	0.0000	449.5358
Total	0.2545	1.6244	1.8598	0.0101	0.7360	5.6900e-003	0.7417	0.1986	5.2900e-003	0.2039	0.0000	951.8864	951.8864	0.0445	0.0000	952.9994

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	tons/yr										MT/yr					
Off-Road	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9923
Total	0.0205	0.1871	0.2413	4.0000e-004		7.9100e-003	7.9100e-003		7.4400e-003	7.4400e-003	0.0000	34.7879	34.7879	8.1800e-003	0.0000	34.9923

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3.5 Building Construction - 2025

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.0419	1.4933	0.4519	5.1200e-003	0.1338	1.7400e-003	0.1356	0.0386	1.6600e-003	0.0403	0.0000	502.6182	502.6182	0.0338	0.0000	503.4636
Worker	0.2126	0.1311	1.4079	4.9700e-003	0.6022	3.9500e-003	0.6061	0.1600	3.6300e-003	0.1637	0.0000	449.2682	449.2682	0.0107	0.0000	449.5358
Total	0.2545	1.6244	1.8598	0.0101	0.7360	5.6900e-003	0.7417	0.1986	5.2900e-003	0.2039	0.0000	951.8864	951.8864	0.0445	0.0000	952.9994

3.5 Building Construction - 2026

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3549	12.8055	3.8754	0.0442	1.1641	0.0147	1.1788	0.3361	0.0140	0.3501	0.0000	4,347.7472	4,347.7472	0.2912	0.0000	4,355.0259
Worker	1.7737	1.0608	11.5106	0.0416	5.2388	0.0333	5.2721	1.3921	0.0306	1.4227	0.0000	3,765.4886	3,765.4886	0.0868	0.0000	3,767.6578
Total	2.1287	13.8663	15.3860	0.0858	6.4029	0.0480	6.4509	1.7282	0.0447	1.7729	0.0000	8,113.2359	8,113.2359	0.3779	0.0000	8,122.6837

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2026

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3549	12.8055	3.8754	0.0442	1.1641	0.0147	1.1788	0.3361	0.0140	0.3501	0.0000	4,347.747 2	4,347.747 2	0.2912	0.0000	4,355.025 9
Worker	1.7737	1.0608	11.5106	0.0416	5.2388	0.0333	5.2721	1.3921	0.0306	1.4227	0.0000	3,765.488 6	3,765.488 6	0.0868	0.0000	3,767.657 8
Total	2.1287	13.8663	15.3860	0.0858	6.4029	0.0480	6.4509	1.7282	0.0447	1.7729	0.0000	8,113.235 9	8,113.235 9	0.3779	0.0000	8,122.683 7

3.5 Building Construction - 2027

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3471	12.6271	3.8276	0.0439	1.1641	0.0143	1.1785	0.3361	0.0137	0.3498	0.0000	4,324.7993	4,324.7993	0.2885	0.0000	4,332.0124
Worker	1.6974	0.9902	10.8563	0.0402	5.2388	0.0315	5.2703	1.3921	0.0290	1.4211	0.0000	3,639.3480	3,639.3480	0.0812	0.0000	3,641.3786
Total	2.0445	13.6173	14.6838	0.0841	6.4029	0.0458	6.4487	1.7282	0.0427	1.7709	0.0000	7,964.1474	7,964.1474	0.3697	0.0000	7,973.3910

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2027

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3471	12.6271	3.8276	0.0439	1.1641	0.0143	1.1785	0.3361	0.0137	0.3498	0.0000	4,324.7993	4,324.7993	0.2885	0.0000	4,332.0124
Worker	1.6974	0.9902	10.8563	0.0402	5.2388	0.0315	5.2703	1.3921	0.0290	1.4211	0.0000	3,639.3480	3,639.3480	0.0812	0.0000	3,641.3786
Total	2.0445	13.6173	14.6838	0.0841	6.4029	0.0458	6.4487	1.7282	0.0427	1.7709	0.0000	7,964.1474	7,964.1474	0.3697	0.0000	7,973.3910

3.5 Building Construction - 2028

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3396	12.4311	3.7884	0.0435	1.1597	0.0140	1.1737	0.3348	0.0134	0.3482	0.0000	4,289.1195	4,289.1195	0.2850	0.0000	4,296.2453
Worker	1.6104	0.9242	10.2478	0.0388	5.2187	0.0291	5.2478	1.3868	0.0267	1.4135	0.0000	3,515.1442	3,515.1442	0.0762	0.0000	3,517.0502
Total	1.9500	13.3553	14.0362	0.0824	6.3784	0.0430	6.4214	1.7216	0.0401	1.7617	0.0000	7,804.2637	7,804.2637	0.3613	0.0000	7,813.2956

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	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

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3.5 Building Construction - 2028

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3396	12.4311	3.7884	0.0435	1.1597	0.0140	1.1737	0.3348	0.0134	0.3482	0.0000	4,289.1195	4,289.1195	0.2850	0.0000	4,296.2453
Worker	1.6104	0.9242	10.2478	0.0388	5.2187	0.0291	5.2478	1.3868	0.0267	1.4135	0.0000	3,515.1442	3,515.1442	0.0762	0.0000	3,517.0502
Total	1.9500	13.3553	14.0362	0.0824	6.3784	0.0430	6.4214	1.7216	0.0401	1.7617	0.0000	7,804.2637	7,804.2637	0.3613	0.0000	7,813.2956

3.5 Building Construction - 2029

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	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3350	12.3262	3.7753	0.0434	1.1641	0.0137	1.1778	0.3361	0.0131	0.3492	0.0000	4,286.8274	4,286.8274	0.2844	0.0000	4,293.9371
Worker	1.5289	0.8702	9.7464	0.0379	5.2388	0.0271	5.2659	1.3921	0.0249	1.4170	0.0000	3,431.3570	3,431.3570	0.0722	0.0000	3,433.1617
Total	1.8640	13.1964	13.5216	0.0814	6.4029	0.0408	6.4437	1.7282	0.0380	1.7662	0.0000	7,718.1844	7,718.1844	0.3566	0.0000	7,727.0988

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	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

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3.5 Building Construction - 2029

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3350	12.3262	3.7753	0.0434	1.1641	0.0137	1.1778	0.3361	0.0131	0.3492	0.0000	4,286.8274	4,286.8274	0.2844	0.0000	4,293.9371
Worker	1.5289	0.8702	9.7464	0.0379	5.2388	0.0271	5.2659	1.3921	0.0249	1.4170	0.0000	3,431.3570	3,431.3570	0.0722	0.0000	3,433.1617
Total	1.8640	13.1964	13.5216	0.0814	6.4029	0.0408	6.4437	1.7282	0.0380	1.7662	0.0000	7,718.1844	7,718.1844	0.3566	0.0000	7,727.0988

3.5 Building Construction - 2030

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

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3.5 Building Construction - 2030

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3305	12.1970	3.7607	0.0433	1.1641	0.0134	1.1775	0.3361	0.0128	0.3489	0.0000	4,271.5337	4,271.5337	0.2829	0.0000	4,278.6057
Worker	1.4331	0.8147	9.2323	0.0370	5.2388	0.0252	5.2639	1.3921	0.0231	1.4152	0.0000	3,345.7995	3,345.7995	0.0681	0.0000	3,347.5018
Total	1.7636	13.0117	12.9930	0.0802	6.4029	0.0386	6.4415	1.7282	0.0360	1.7642	0.0000	7,617.3331	7,617.3331	0.3510	0.0000	7,626.1075

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

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3.5 Building Construction - 2030

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3305	12.1970	3.7607	0.0433	1.1641	0.0134	1.1775	0.3361	0.0128	0.3489	0.0000	4,271.5337	4,271.5337	0.2829	0.0000	4,278.6057
Worker	1.4331	0.8147	9.2323	0.0370	5.2388	0.0252	5.2639	1.3921	0.0231	1.4152	0.0000	3,345.7995	3,345.7995	0.0681	0.0000	3,347.5018
Total	1.7636	13.0117	12.9930	0.0802	6.4029	0.0386	6.4415	1.7282	0.0360	1.7642	0.0000	7,617.3331	7,617.3331	0.3510	0.0000	7,626.1075

3.5 Building Construction - 2031

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

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3.5 Building Construction - 2031

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3268	12.0856	3.7482	0.0431	1.1641	0.0132	1.1773	0.3361	0.0126	0.3487	0.0000	4,258.6823	4,258.6823	0.2815	0.0000	4,265.7191
Worker	1.3314	0.7629	8.7443	0.0361	5.2388	0.0234	5.2622	1.3921	0.0215	1.4136	0.0000	3,270.9299	3,270.9299	0.0644	0.0000	3,272.5397
Total	1.6582	12.8485	12.4925	0.0792	6.4029	0.0366	6.4395	1.7282	0.0341	1.7623	0.0000	7,529.6122	7,529.6122	0.3459	0.0000	7,538.2589

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	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

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3.5 Building Construction - 2031

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3268	12.0856	3.7482	0.0431	1.1641	0.0132	1.1773	0.3361	0.0126	0.3487	0.0000	4,258.6823	4,258.6823	0.2815	0.0000	4,265.7191
Worker	1.3314	0.7629	8.7443	0.0361	5.2388	0.0234	5.2622	1.3921	0.0215	1.4136	0.0000	3,270.9299	3,270.9299	0.0644	0.0000	3,272.5397
Total	1.6582	12.8485	12.4925	0.0792	6.4029	0.0366	6.4395	1.7282	0.0341	1.7623	0.0000	7,529.6122	7,529.6122	0.3459	0.0000	7,538.2589

3.5 Building Construction - 2032

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	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933

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3.5 Building Construction - 2032

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3252	12.0322	3.7568	0.0431	1.1686	0.0130	1.1816	0.3374	0.0125	0.3498	0.0000	4,265.3988	4,265.3988	0.2814	0.0000	4,272.4332
Worker	1.2462	0.7225	8.3562	0.0355	5.2589	0.0219	5.2807	1.3974	0.0201	1.4176	0.0000	3,218.2389	3,218.2389	0.0616	0.0000	3,219.7786
Total	1.5714	12.7547	12.1131	0.0787	6.4274	0.0349	6.4624	1.7348	0.0326	1.7674	0.0000	7,483.6377	7,483.6377	0.3430	0.0000	7,492.2118

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	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929

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3.5 Building Construction - 2032

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3252	12.0322	3.7568	0.0431	1.1686	0.0130	1.1816	0.3374	0.0125	0.3498	0.0000	4,265.3988	4,265.3988	0.2814	0.0000	4,272.4332
Worker	1.2462	0.7225	8.3562	0.0355	5.2589	0.0219	5.2807	1.3974	0.0201	1.4176	0.0000	3,218.2389	3,218.2389	0.0616	0.0000	3,219.7786
Total	1.5714	12.7547	12.1131	0.0787	6.4274	0.0349	6.4624	1.7348	0.0326	1.7674	0.0000	7,483.6377	7,483.6377	0.3430	0.0000	7,492.2118

3.5 Building Construction - 2033

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

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3.5 Building Construction - 2033

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3206	11.8514	3.7256	0.0427	1.1597	0.0128	1.1724	0.3348	0.0122	0.3470	0.0000	4,225.1267	4,225.1267	0.2783	0.0000	4,232.0832
Worker	1.1585	0.6806	7.9311	0.0347	5.2187	0.0203	5.2390	1.3868	0.0187	1.4054	0.0000	3,137.9368	3,137.9368	0.0585	0.0000	3,139.3998
Total	1.4791	12.5320	11.6567	0.0774	6.3784	0.0330	6.4114	1.7216	0.0308	1.7524	0.0000	7,363.0635	7,363.0635	0.3368	0.0000	7,371.4831

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

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3.5 Building Construction - 2033

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3206	11.8514	3.7256	0.0427	1.1597	0.0128	1.1724	0.3348	0.0122	0.3470	0.0000	4,225.1267	4,225.1267	0.2783	0.0000	4,232.0832
Worker	1.1585	0.6806	7.9311	0.0347	5.2187	0.0203	5.2390	1.3868	0.0187	1.4054	0.0000	3,137.9368	3,137.9368	0.0585	0.0000	3,139.3998
Total	1.4791	12.5320	11.6567	0.0774	6.3784	0.0330	6.4114	1.7216	0.0308	1.7524	0.0000	7,363.0635	7,363.0635	0.3368	0.0000	7,371.4831

3.5 Building Construction - 2034

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

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3.5 Building Construction - 2034

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3188	11.7740	3.7212	0.0426	1.1597	0.0126	1.1723	0.3348	0.0120	0.3469	0.0000	4,219.2705	4,219.2705	0.2775	0.0000	4,226.2090
Worker	1.0914	0.6499	7.5839	0.0341	5.2187	0.0189	5.2376	1.3868	0.0174	1.4042	0.0000	3,089.9118	3,089.9118	0.0560	0.0000	3,091.3126
Total	1.4103	12.4239	11.3051	0.0768	6.3784	0.0315	6.4099	1.7216	0.0295	1.7510	0.0000	7,309.1823	7,309.1823	0.3336	0.0000	7,317.5216

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	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

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3.5 Building Construction - 2034

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3188	11.7740	3.7212	0.0426	1.1597	0.0126	1.1723	0.3348	0.0120	0.3469	0.0000	4,219.2705	4,219.2705	0.2775	0.0000	4,226.2090
Worker	1.0914	0.6499	7.5839	0.0341	5.2187	0.0189	5.2376	1.3868	0.0174	1.4042	0.0000	3,089.9118	3,089.9118	0.0560	0.0000	3,091.3126
Total	1.4103	12.4239	11.3051	0.0768	6.3784	0.0315	6.4099	1.7216	0.0295	1.7510	0.0000	7,309.1823	7,309.1823	0.3336	0.0000	7,317.5216

3.5 Building Construction - 2035

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2035

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2035

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

3.5 Building Construction - 2036

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	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686

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3.5 Building Construction - 2036

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3197	11.7990	3.7439	0.0429	1.1686	0.0126	1.1812	0.3374	0.0120	0.3494	0.0000	4,247.140 4	4,247.140 4	0.2790	0.0000	4,254.1152
Worker	1.0418	0.6309	7.3432	0.0339	5.2589	0.0179	5.2767	1.3974	0.0164	1.4139	0.0000	3,072.804 4	3,072.804 4	0.0542	0.0000	3,074.160 3
Total	1.3614	12.4299	11.0871	0.0768	6.4275	0.0304	6.4579	1.7348	0.0284	1.7633	0.0000	7,319.944 8	7,319.944 8	0.3332	0.0000	7,328.275 5

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	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682

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3.5 Building Construction - 2036

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3197	11.7990	3.7439	0.0429	1.1686	0.0126	1.1812	0.3374	0.0120	0.3494	0.0000	4,247.1404	4,247.1404	0.2790	0.0000	4,254.1152
Worker	1.0418	0.6309	7.3432	0.0339	5.2589	0.0179	5.2767	1.3974	0.0164	1.4139	0.0000	3,072.8044	3,072.8044	0.0542	0.0000	3,074.1603
Total	1.3614	12.4299	11.0871	0.0768	6.4275	0.0304	6.4579	1.7348	0.0284	1.7633	0.0000	7,319.9448	7,319.9448	0.3332	0.0000	7,328.2755

3.5 Building Construction - 2037

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2037

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2037

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

3.5 Building Construction - 2038

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

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3.5 Building Construction - 2038

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

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	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

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3.5 Building Construction - 2038

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3184	11.7540	3.7296	0.0427	1.1641	0.0125	1.1767	0.3361	0.0120	0.3481	0.0000	4,230.9300	4,230.9300	0.2779	0.0000	4,237.8782
Worker	1.0378	0.6285	7.3152	0.0338	5.2388	0.0178	5.2566	1.3921	0.0164	1.4085	0.0000	3,061.0761	3,061.0761	0.0540	0.0000	3,062.4268
Total	1.3562	12.3825	11.0448	0.0765	6.4029	0.0303	6.4332	1.7282	0.0283	1.7565	0.0000	7,292.0061	7,292.0061	0.3320	0.0000	7,300.3050

3.5 Building Construction - 2039

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	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375

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3.5 Building Construction - 2039

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3172	11.7090	3.7153	0.0426	1.1597	0.0125	1.1721	0.3348	0.0119	0.3467	0.0000	4,214.7195	4,214.7195	0.2769	0.0000	4,221.6411
Worker	1.0338	0.6261	7.2872	0.0337	5.2187	0.0177	5.2364	1.3868	0.0163	1.4031	0.0000	3,049.3479	3,049.3479	0.0538	0.0000	3,050.6934
Total	1.3510	12.3351	11.0025	0.0762	6.3784	0.0302	6.4086	1.7216	0.0282	1.7498	0.0000	7,264.0674	7,264.0674	0.3307	0.0000	7,272.3345

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	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371

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3.5 Building Construction - 2039

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3172	11.7090	3.7153	0.0426	1.1597	0.0125	1.1721	0.3348	0.0119	0.3467	0.0000	4,214.7195	4,214.7195	0.2769	0.0000	4,221.6411
Worker	1.0338	0.6261	7.2872	0.0337	5.2187	0.0177	5.2364	1.3868	0.0163	1.4031	0.0000	3,049.3479	3,049.3479	0.0538	0.0000	3,050.6934
Total	1.3510	12.3351	11.0025	0.0762	6.3784	0.0302	6.4086	1.7216	0.0282	1.7498	0.0000	7,264.0674	7,264.0674	0.3307	0.0000	7,272.3345

3.5 Building Construction - 2040

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2040

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2040

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2041

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2041

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2041

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2042

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2042

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2042

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2043

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2043

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2043

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2044

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2044

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2044

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3141	11.5523	3.6867	0.0427	1.1642	0.0121	1.1763	0.3361	0.0116	0.3477	0.0000	4,226.5173	4,226.5173	0.2745	0.0000	4,233.3786
Worker	0.8233	0.5480	6.3738	0.0324	5.2388	0.0138	5.2526	1.3921	0.0127	1.4048	0.0000	2,939.1248	2,939.1248	0.0466	0.0000	2,940.2902
Total	1.1373	12.1003	10.0605	0.0751	6.4030	0.0259	6.4289	1.7282	0.0243	1.7525	0.0000	7,165.6421	7,165.6421	0.3211	0.0000	7,173.6688

3.5 Building Construction - 2045

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	tons/yr										MT/yr					
Off-Road	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7194	341.7194	0.0123	0.0000	342.0264
Total	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7194	341.7194	0.0123	0.0000	342.0264

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3.5 Building Construction - 2045

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3103	11.4318	3.6137	0.0424	1.1598	0.0119	1.1717	0.3348	0.0114	0.3462	0.0000	4,199.2863	4,199.2863	0.2668	0.0000	4,205.9570
Worker	0.7314	0.5170	5.9872	0.0318	5.2187	0.0121	5.2308	1.3868	0.0111	1.3979	0.0000	2,881.4866	2,881.4866	0.0440	0.0000	2,882.5873
Total	1.0417	11.9487	9.6008	0.0742	6.3785	0.0240	6.4024	1.7216	0.0225	1.7441	0.0000	7,080.7729	7,080.7729	0.3109	0.0000	7,088.5443

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	tons/yr										MT/yr					
Off-Road	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7190	341.7190	0.0123	0.0000	342.0260
Total	0.1556	0.8957	2.0954	4.0200e-003		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003	0.0000	341.7190	341.7190	0.0123	0.0000	342.0260

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3.5 Building Construction - 2045

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3103	11.4318	3.6137	0.0424	1.1598	0.0119	1.1717	0.3348	0.0114	0.3462	0.0000	4,199.2863	4,199.2863	0.2668	0.0000	4,205.9570
Worker	0.7314	0.5170	5.9872	0.0318	5.2187	0.0121	5.2308	1.3868	0.0111	1.3979	0.0000	2,881.4866	2,881.4866	0.0440	0.0000	2,882.5873
Total	1.0417	11.9487	9.6008	0.0742	6.3785	0.0240	6.4024	1.7216	0.0225	1.7441	0.0000	7,080.7729	7,080.7729	0.3109	0.0000	7,088.5443

3.5 Building Construction - 2046

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2046

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3115	11.4758	3.6276	0.0426	1.1642	0.0120	1.1762	0.3361	0.0114	0.3476	0.0000	4,215.4374	4,215.4374	0.2679	0.0000	4,222.1337
Worker	0.7342	0.5189	6.0102	0.0319	5.2388	0.0121	5.2509	1.3921	0.0111	1.4032	0.0000	2,892.5692	2,892.5692	0.0442	0.0000	2,893.6742
Total	1.0457	11.9947	9.6377	0.0745	6.4030	0.0241	6.4271	1.7282	0.0226	1.7508	0.0000	7,108.0066	7,108.0066	0.3121	0.0000	7,115.8079

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2046

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3115	11.4758	3.6276	0.0426	1.1642	0.0120	1.1762	0.3361	0.0114	0.3476	0.0000	4,215.4374	4,215.4374	0.2679	0.0000	4,222.1337
Worker	0.7342	0.5189	6.0102	0.0319	5.2388	0.0121	5.2509	1.3921	0.0111	1.4032	0.0000	2,892.5692	2,892.5692	0.0442	0.0000	2,893.6742
Total	1.0457	11.9947	9.6377	0.0745	6.4030	0.0241	6.4271	1.7282	0.0226	1.7508	0.0000	7,108.0066	7,108.0066	0.3121	0.0000	7,115.8079

3.5 Building Construction - 2047

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

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3.5 Building Construction - 2047

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3115	11.4758	3.6276	0.0426	1.1642	0.0120	1.1762	0.3361	0.0114	0.3476	0.0000	4,215.4374	4,215.4374	0.2679	0.0000	4,222.1337
Worker	0.7342	0.5189	6.0102	0.0319	5.2388	0.0121	5.2509	1.3921	0.0111	1.4032	0.0000	2,892.5692	2,892.5692	0.0442	0.0000	2,893.6742
Total	1.0457	11.9947	9.6377	0.0745	6.4030	0.0241	6.4271	1.7282	0.0226	1.7508	0.0000	7,108.0066	7,108.0066	0.3121	0.0000	7,115.8079

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	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

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3.5 Building Construction - 2047

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3115	11.4758	3.6276	0.0426	1.1642	0.0120	1.1762	0.3361	0.0114	0.3476	0.0000	4,215.4374	4,215.4374	0.2679	0.0000	4,222.1337
Worker	0.7342	0.5189	6.0102	0.0319	5.2388	0.0121	5.2509	1.3921	0.0111	1.4032	0.0000	2,892.5692	2,892.5692	0.0442	0.0000	2,893.6742
Total	1.0457	11.9947	9.6377	0.0745	6.4030	0.0241	6.4271	1.7282	0.0226	1.7508	0.0000	7,108.0066	7,108.0066	0.3121	0.0000	7,115.8079

3.5 Building Construction - 2048

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	tons/yr										MT/yr					
Off-Road	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3480	344.3480	0.0124	0.0000	344.6574
Total	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3480	344.3480	0.0124	0.0000	344.6574

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3.5 Building Construction - 2048

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3127	11.5197	3.6415	0.0427	1.1687	0.0120	1.1807	0.3374	0.0115	0.3489	0.0000	4,231.5885	4,231.5885	0.2689	0.0000	4,238.3105
Worker	0.7371	0.5209	6.0332	0.0320	5.2589	0.0122	5.2710	1.3974	0.0112	1.4086	0.0000	2,903.6519	2,903.6519	0.0444	0.0000	2,904.7611
Total	1.0497	12.0407	9.6747	0.0748	6.4275	0.0242	6.4517	1.7349	0.0226	1.7575	0.0000	7,135.2404	7,135.2404	0.3133	0.0000	7,143.0716

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	tons/yr										MT/yr					
Off-Road	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3476	344.3476	0.0124	0.0000	344.6569
Total	0.1568	0.9026	2.1115	4.0600e-003		9.6600e-003	9.6600e-003		9.6600e-003	9.6600e-003	0.0000	344.3476	344.3476	0.0124	0.0000	344.6569

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3.5 Building Construction - 2048

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.3127	11.5197	3.6415	0.0427	1.1687	0.0120	1.1807	0.3374	0.0115	0.3489	0.0000	4,231.5885	4,231.5885	0.2689	0.0000	4,238.3105
Worker	0.7371	0.5209	6.0332	0.0320	5.2589	0.0122	5.2710	1.3974	0.0112	1.4086	0.0000	2,903.6519	2,903.6519	0.0444	0.0000	2,904.7611
Total	1.0497	12.0407	9.6747	0.0748	6.4275	0.0242	6.4517	1.7349	0.0226	1.7575	0.0000	7,135.2404	7,135.2404	0.3133	0.0000	7,143.0716

3.5 Building Construction - 2049

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	tons/yr										MT/yr					
Off-Road	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8617	308.8617	0.0111	0.0000	309.1392
Total	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8617	308.8617	0.0111	0.0000	309.1392

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3.5 Building Construction - 2049

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2805	10.3326	3.2662	0.0383	1.0482	0.0108	1.0590	0.3026	0.0103	0.3129	0.0000	3,795.5088	3,795.5088	0.2412	0.0000	3,801.5380
Worker	0.6611	0.4673	5.4115	0.0287	4.7169	0.0109	4.7278	1.2534	0.0100	1.2635	0.0000	2,604.4206	2,604.4206	0.0398	0.0000	2,605.4155
Total	0.9416	10.7998	8.6777	0.0671	5.7651	0.0217	5.7868	1.5561	0.0203	1.5764	0.0000	6,399.9293	6,399.9293	0.2810	0.0000	6,406.9535

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	tons/yr										MT/yr					
Off-Road	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8614	308.8614	0.0111	0.0000	309.1389
Total	0.1407	0.8096	1.8939	3.6400e-003		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	308.8614	308.8614	0.0111	0.0000	309.1389

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3.5 Building Construction - 2049

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	tons/yr										MT/yr					
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	0.0000	0.0000
Vendor	0.2805	10.3326	3.2662	0.0383	1.0482	0.0108	1.0590	0.3026	0.0103	0.3129	0.0000	3,795.5088	3,795.5088	0.2412	0.0000	3,801.5380
Worker	0.6611	0.4673	5.4115	0.0287	4.7169	0.0109	4.7278	1.2534	0.0100	1.2635	0.0000	2,604.4206	2,604.4206	0.0398	0.0000	2,605.4155
Total	0.9416	10.7998	8.6777	0.0671	5.7651	0.0217	5.7868	1.5561	0.0203	1.5764	0.0000	6,399.9293	6,399.9293	0.2810	0.0000	6,406.9535

3.6 Paving - 2048

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	tons/yr										MT/yr					
Off-Road	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0449	253.0449	8.5000e-003	0.0000	253.2575
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0449	253.0449	8.5000e-003	0.0000	253.2575

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3.6 Paving - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764
Total	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764

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	tons/yr										MT/yr					
Off-Road	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0446	253.0446	8.5000e-003	0.0000	253.2572
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1062	0.3839	1.6609	2.9400e-003		0.0122	0.0122		0.0122	0.0122	0.0000	253.0446	253.0446	8.5000e-003	0.0000	253.2572

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3.6 Paving - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764
Total	1.7700e-003	1.2500e-003	0.0145	8.0000e-005	0.0126	3.0000e-005	0.0127	3.3600e-003	3.0000e-005	3.3800e-003	0.0000	6.9737	6.9737	1.1000e-004	0.0000	6.9764

3.6 Paving - 2049

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	tons/yr										MT/yr					
Off-Road	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1693	283.1693	9.5200e-003	0.0000	283.4072
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1693	283.1693	9.5200e-003	0.0000	283.4072

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3.6 Paving - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069
Total	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069

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	tons/yr										MT/yr					
Off-Road	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1690	283.1690	9.5200e-003	0.0000	283.4069
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1188	0.4297	1.8586	3.3000e-003		0.0137	0.0137		0.0137	0.0137	0.0000	283.1690	283.1690	9.5200e-003	0.0000	283.4069

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3.6 Paving - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069
Total	1.9800e-003	1.4000e-003	0.0162	9.0000e-005	0.0141	3.0000e-005	0.0142	3.7600e-003	3.0000e-005	3.7900e-003	0.0000	7.8039	7.8039	1.2000e-004	0.0000	7.8069

3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
Archit. Coating	32.0418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8092	26.8092	9.4000e-004	0.0000	26.8328
Total	32.0538	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8092	26.8092	9.4000e-004	0.0000	26.8328

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3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1181	0.0835	0.9670	5.1400e-003	0.8429	1.9500e-003	0.8448	0.2240	1.7900e-003	0.2258	0.0000	465.3779	465.3779	7.1100e-003	0.0000	465.5557
Total	0.1181	0.0835	0.9670	5.1400e-003	0.8429	1.9500e-003	0.8448	0.2240	1.7900e-003	0.2258	0.0000	465.3779	465.3779	7.1100e-003	0.0000	465.5557

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	tons/yr										MT/yr					
Archit. Coating	32.0418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8091	26.8091	9.4000e-004	0.0000	26.8327
Total	32.0538	0.0763	0.1882	3.1000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	26.8091	26.8091	9.4000e-004	0.0000	26.8327

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3.7 Architectural Coating - 2048

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1181	0.0835	0.9670	5.1400e-003	0.8429	1.9500e-003	0.8448	0.2240	1.7900e-003	0.2258	0.0000	465.3779	465.3779	7.1100e-003	0.0000	465.5557
Total	0.1181	0.0835	0.9670	5.1400e-003	0.8429	1.9500e-003	0.8448	0.2240	1.7900e-003	0.2258	0.0000	465.3779	465.3779	7.1100e-003	0.0000	465.5557

3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
Archit. Coating	35.8563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271
Total	35.8698	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271

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3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1322	0.0934	1.0821	5.7500e-003	0.9432	2.1800e-003	0.9454	0.2506	2.0000e-003	0.2526	0.0000	520.7801	520.7801	7.9600e-003	0.0000	520.9790
Total	0.1322	0.0934	1.0821	5.7500e-003	0.9432	2.1800e-003	0.9454	0.2506	2.0000e-003	0.2526	0.0000	520.7801	520.7801	7.9600e-003	0.0000	520.9790

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	tons/yr										MT/yr					
Archit. Coating	35.8563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271
Total	35.8698	0.0854	0.2106	3.5000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	30.0007	30.0007	1.0600e-003	0.0000	30.0271

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3.7 Architectural Coating - 2049

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	tons/yr										MT/yr					
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	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	0.0000	0.0000
Worker	0.1322	0.0934	1.0821	5.7500e-003	0.9432	2.1800e-003	0.9454	0.2506	2.0000e-003	0.2526	0.0000	520.7801	520.7801	7.9600e-003	0.0000	520.9790
Total	0.1322	0.0934	1.0821	5.7500e-003	0.9432	2.1800e-003	0.9454	0.2506	2.0000e-003	0.2526	0.0000	520.7801	520.7801	7.9600e-003	0.0000	520.9790

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.6567	5.8020	3.7808	0.0358		0.4537	0.4537		0.4537	0.4537	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475
NaturalGas Unmitigated	0.6567	5.8020	3.7808	0.0358		0.4537	0.4537		0.4537	0.4537	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

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	tons/yr										MT/yr					
Apartments Low Rise	3.02052e+007	0.1629	1.3918	0.5923	8.8800e-003		0.1125	0.1125		0.1125	0.1125	0.0000	1,611.8669	1,611.8669	0.0309	0.0296	1,621.4454
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.3376e+007	0.3417	3.1067	2.6096	0.0186		0.2361	0.2361		0.2361	0.2361	0.0000	3,381.9858	3,381.9858	0.0648	0.0620	3,402.0832
Single Family Housing	2.7022e+007	0.1457	1.2451	0.5298	7.9500e-003		0.1007	0.1007		0.1007	0.1007	0.0000	1,441.9986	1,441.9986	0.0276	0.0264	1,450.5677
Total		0.6567	5.8020	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475

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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	tons/yr										MT/yr					
Apartments Low Rise	3.02052e+007	0.1629	1.3918	0.5923	8.8800e-003		0.1125	0.1125		0.1125	0.1125	0.0000	1,611.8669	1,611.8669	0.0309	0.0296	1,621.4454
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.3376e+007	0.3417	3.1067	2.6096	0.0186		0.2361	0.2361		0.2361	0.2361	0.0000	3,381.9858	3,381.9858	0.0648	0.0620	3,402.0832
Single Family Housing	2.7022e+007	0.1457	1.2451	0.5298	7.9500e-003		0.1007	0.1007		0.1007	0.1007	0.0000	1,441.9986	1,441.9986	0.0276	0.0264	1,450.5677
Total		0.6567	5.8020	3.7808	0.0358		0.4538	0.4538		0.4538	0.4538	0.0000	6,499.4246	6,499.4246	0.1246	0.1192	6,538.0475

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.65543e+007	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	4.95807e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.62052e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.65543e+007	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	4.95807e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.62052e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	61.4320	5.1569	102.7983	0.2096		9.7266	9.7266		9.7266	9.7266	1,228.5835	4,382.3965	5,610.9800	5.8963	0.0790	5,781.9274
Unmitigated	61.4320	5.1569	102.7983	0.2096		9.7266	9.7266		9.7266	9.7266	1,228.5835	4,382.3965	5,610.9800	5.8963	0.0790	5,781.9274

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	tons/yr										MT/yr					
Architectural Coating	6.7898					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	46.6660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.6287	4.6379	57.8280	0.2073		9.4762	9.4762		9.4762	9.4762	1,228.5835	4,308.6020	5,537.1855	5.8260	0.0790	5,706.3738
Landscaping	1.3474	0.5190	44.9703	2.3900e-003		0.2504	0.2504		0.2504	0.2504	0.0000	73.7945	73.7945	0.0704	0.0000	75.5536
Total	61.4320	5.1569	102.7983	0.2096		9.7266	9.7266		9.7266	9.7266	1,228.5835	4,382.3965	5,610.9800	5.8963	0.0790	5,781.9274

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

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	tons/yr										MT/yr					
Architectural Coating	6.7898					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	46.6660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.6287	4.6379	57.8280	0.2073		9.4762	9.4762		9.4762	9.4762	1,228.5835	4,308.6020	5,537.1855	5.8260	0.0790	5,706.3738
Landscaping	1.3474	0.5190	44.9703	2.3900e-003		0.2504	0.2504		0.2504	0.2504	0.0000	73.7945	73.7945	0.0704	0.0000	75.5536
Total	61.4320	5.1569	102.7983	0.2096		9.7266	9.7266		9.7266	9.7266	1,228.5835	4,382.3965	5,610.9800	5.8963	0.0790	5,781.9274

7.0 Water Detail

7.1 Mitigation Measures Water

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	366.3453	37.6272	0.8885	1,571.7856
Unmitigated	366.3453	37.6272	0.8885	1,571.7856

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	262.701 / 165.616	83.3429	8.5601	0.2021	357.5785
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	731.908 / 448.589	232.2005	23.8492	0.5631	996.2442
Single Family Housing	133.305 / 84.0402	42.2916	4.3438	0.1026	181.4498
Total		366.3453	37.6272	0.8885	1,571.7856

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	262.701 / 165.616	83.3429	8.5601	0.2021	357.5785
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	731.908 / 448.589	232.2005	23.8492	0.5631	996.2442
Single Family Housing	133.305 / 84.0402	42.2916	4.3438	0.1026	181.4498
Total		366.3453	37.6272	0.8885	1,571.7856

8.0 Waste Detail

8.1 Mitigation Measures Waste

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,670.1325	98.7020	0.0000	4,137.6826
Unmitigated	1,670.1325	98.7020	0.0000	4,137.6826

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1854.72	376.4914	22.2500	0.0000	932.7415
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3829.74	777.4026	45.9432	0.0000	1,925.9821
Single Family Housing	2399.32	487.0403	28.7833	0.0000	1,206.6217
Total		1,670.1325	98.7020	0.0000	4,137.6826

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1854.72	376.4914	22.2500	0.0000	932.7415
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3829.74	777.4026	45.9432	0.0000	1,925.9821
Single Family Housing	2399.32	487.0403	28.7833	0.0000	1,206.6217
Total		1,670.1325	98.7020	0.0000	4,137.6826

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Annual

Equipment Type	Number
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11.0 Vegetation

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

**Proposed Project - Village Focused - 2050 - Mitigated
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,118.00	1000sqft	94.54	4,118,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	4,032.00	Dwelling Unit	252.00	4,032,000.00	11532
Single Family Housing	2,046.00	Dwelling Unit	664.29	3,682,800.00	5852

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

Woodstoves - Fireplaces = natural gas only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	NumDays	155,000.00	6,266.00
tblConstructionPhase	NumDays	10,000.00	404.00
tblConstructionPhase	NumDays	15,500.00	627.00
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	NumDays	6,000.00	243.00

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblFireplaces	NumberGas	2,217.60	3,628.80
tblFireplaces	NumberGas	1,125.30	1,841.40
tblFireplaces	NumberWood	1,411.20	0.00
tblFireplaces	NumberWood	716.10	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

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					
2021	3.2170	31.4744	21.9629	0.0401	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,870.1111	3,870.1111	1.0584	0.0000	3,896.5706
2022	3.2290	33.1204	20.9640	0.0400	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,864.4651	3,864.4651	1.1960	0.0000	3,890.8559
2023	3.3837	34.5530	28.5094	0.0636	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,162.3911	6,162.3911	1.9481	0.0000	6,211.0945
2024	3.2770	32.4113	28.1512	0.0635	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,154.7161	6,154.7161	1.9473	0.0000	6,203.3976
2025	18.1421	119.3442	144.9927	0.7208	50.2214	1.1319	51.1260	13.5269	1.0414	14.3742	0.0000	74,708.4901	74,708.4901	3.8601	0.0000	74,804.9920
2026	17.4788	117.3866	138.6368	0.7055	50.2213	0.8933	51.1146	13.5269	0.8368	14.3637	0.0000	73,216.7993	73,216.7993	3.7806	0.0000	73,311.3140
2027	16.8284	115.5530	133.0178	0.6920	50.2213	0.8771	51.0984	13.5269	0.8217	14.3486	0.0000	71,895.9108	71,895.9108	3.7116	0.0000	71,988.7000
2028	16.1617	113.9978	128.2528	0.6802	50.2213	0.8571	51.0785	13.5269	0.8033	14.3301	0.0000	70,745.1613	70,745.1613	3.6518	0.0000	70,836.4574
2029	15.4472	112.4439	123.6996	0.6697	50.2213	0.8387	51.0600	13.5269	0.7862	14.3130	0.0000	69,717.3261	69,717.3261	3.6004	0.0000	69,807.3361
2030	14.6245	106.5471	119.5358	0.6645	50.2213	0.4426	50.6639	13.5269	0.4226	13.9495	0.0000	69,166.0744	69,166.0744	3.0682	0.0000	69,242.7803
2031	13.8253	105.3451	115.5300	0.6566	50.2213	0.4275	50.6488	13.5269	0.4087	13.9356	0.0000	68,390.2301	68,390.2301	3.0249	0.0000	68,465.8513
2032	13.1207	104.2949	112.1159	0.6498	50.2213	0.4138	50.6351	13.5269	0.3960	13.9229	0.0000	67,731.0950	67,731.0950	2.9892	0.0000	67,805.8243
2033	12.5082	103.3664	109.1824	0.6441	50.2213	0.4014	50.6228	13.5269	0.3846	13.9114	0.0000	67,168.2103	67,168.2103	2.9588	0.0000	67,242.1792

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2034	11.9793	102.5671	106.3470	0.6391	50.2214	0.3899	50.6112	13.5269	0.3739	13.9008	0.0000	66,690.3688	66,690.3688	2.9312	0.0000	66,763.6500
2035	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2036	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2037	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2038	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2039	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877
2040	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2041	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2042	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2043	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2044	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.6740	65,171.6740	2.8010	0.0000	65,241.6996
2045	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.1700	64,663.1700	2.7250	0.0000	64,731.2959
2046	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.1700	64,663.1700	2.7250	0.0000	64,731.2959
2047	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.1700	64,663.1700	2.7250	0.0000	64,731.2959
2048	316.4371	103.1260	120.4024	0.7020	58.5681	0.4004	58.9685	15.7409	0.3874	16.1283	0.0000	72,833.7961	72,833.7961	2.9049	0.0000	72,906.4181
2049	316.4371	103.1260	120.4024	0.7020	58.5681	0.4004	58.9685	15.7409	0.3874	16.1283	0.0000	72,833.7961	72,833.7961	2.9049	0.0000	72,906.4181
Maximum	316.4371	119.3442	144.9927	0.7208	58.5681	1.6136	58.9685	15.7409	1.4845	16.1283	0.0000	74,708.4901	74,708.4901	3.8601	0.0000	74,804.9920

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	3.2170	31.4744	21.9629	0.0401	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,870.1111	3,870.1111	1.0584	0.0000	3,896.5706
2022	3.2290	33.1204	20.9640	0.0400	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,864.4651	3,864.4651	1.1960	0.0000	3,890.8559
2023	3.3837	34.5530	28.5094	0.0636	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,162.3911	6,162.3911	1.9481	0.0000	6,211.0945
2024	3.2770	32.4113	28.1512	0.0635	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,154.7161	6,154.7161	1.9473	0.0000	6,203.3976
2025	18.1421	119.3442	144.9927	0.7208	50.2214	1.1319	51.1260	13.5269	1.0414	14.3742	0.0000	74,708.4901	74,708.4901	3.8601	0.0000	74,804.9920
2026	17.4788	117.3866	138.6368	0.7055	50.2213	0.8933	51.1146	13.5269	0.8368	14.3637	0.0000	73,216.7993	73,216.7993	3.7806	0.0000	73,311.3140
2027	16.8284	115.5530	133.0178	0.6920	50.2213	0.8771	51.0984	13.5269	0.8217	14.3486	0.0000	71,895.9108	71,895.9108	3.7116	0.0000	71,988.7000
2028	16.1617	113.9978	128.2528	0.6802	50.2213	0.8571	51.0785	13.5269	0.8033	14.3301	0.0000	70,745.1613	70,745.1613	3.6518	0.0000	70,836.4574
2029	15.4472	112.4439	123.6996	0.6697	50.2213	0.8387	51.0600	13.5269	0.7862	14.3130	0.0000	69,717.3261	69,717.3261	3.6004	0.0000	69,807.3361
2030	14.6245	106.5471	119.5358	0.6645	50.2213	0.4426	50.6639	13.5269	0.4226	13.9495	0.0000	69,166.0744	69,166.0744	3.0682	0.0000	69,242.7803
2031	13.8253	105.3451	115.5300	0.6566	50.2213	0.4275	50.6488	13.5269	0.4087	13.9356	0.0000	68,390.2301	68,390.2301	3.0249	0.0000	68,465.8513
2032	13.1207	104.2949	112.1159	0.6498	50.2213	0.4138	50.6351	13.5269	0.3960	13.9229	0.0000	67,731.0950	67,731.0950	2.9892	0.0000	67,805.8243
2033	12.5082	103.3664	109.1824	0.6441	50.2213	0.4014	50.6228	13.5269	0.3846	13.9114	0.0000	67,168.2103	67,168.2103	2.9588	0.0000	67,242.1792
2034	11.9793	102.5671	106.3470	0.6391	50.2214	0.3899	50.6112	13.5269	0.3739	13.9008	0.0000	66,690.3688	66,690.3688	2.9312	0.0000	66,763.6500
2035	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.2359	66,290.2359	2.8981	0.0000	66,362.6877

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2036	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.23 59	66,290.23 59	2.8981	0.0000	66,362.68 77
2037	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.23 59	66,290.23 59	2.8981	0.0000	66,362.68 77
2038	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.23 59	66,290.23 59	2.8981	0.0000	66,362.68 77
2039	11.4308	101.1355	103.8685	0.6350	50.2214	0.3220	50.5434	13.5269	0.3068	13.8337	0.0000	66,290.23 59	66,290.23 59	2.8981	0.0000	66,362.68 77
2040	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.67 40	65,171.67 40	2.8010	0.0000	65,241.69 96
2041	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.67 40	65,171.67 40	2.8010	0.0000	65,241.69 96
2042	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.67 40	65,171.67 40	2.8010	0.0000	65,241.69 96
2043	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.67 40	65,171.67 40	2.8010	0.0000	65,241.69 96
2044	9.7404	98.7890	95.9986	0.6236	50.2216	0.2717	50.4933	13.5270	0.2591	13.7861	0.0000	65,171.67 40	65,171.67 40	2.8010	0.0000	65,241.69 96
2045	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.17 00	64,663.17 00	2.7250	0.0000	64,731.29 59
2046	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.17 00	64,663.17 00	2.7250	0.0000	64,731.29 59
2047	9.0346	98.0083	92.6574	0.6186	50.2219	0.2577	50.4796	13.5271	0.2462	13.7733	0.0000	64,663.17 00	64,663.17 00	2.7250	0.0000	64,731.29 59
2048	316.4371	103.1260	120.4024	0.7020	58.5681	0.4004	58.9685	15.7409	0.3874	16.1283	0.0000	72,833.79 61	72,833.79 61	2.9049	0.0000	72,906.41 81
2049	316.4371	103.1260	120.4024	0.7020	58.5681	0.4004	58.9685	15.7409	0.3874	16.1283	0.0000	72,833.79 61	72,833.79 61	2.9049	0.0000	72,906.41 81
Maximum	316.4371	119.3442	144.9927	0.7208	58.5681	1.6136	58.9685	15.7409	1.4845	16.1283	0.0000	74,708.49 01	74,708.49 01	3.8601	0.0000	74,804.99 20

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	469.5561	118.8863	1,910.1091	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.2557	116,743.3569	149,774.6126	157.4965	2.1237	154,344.8942
Energy	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
Mobile	0.0000	0.0000	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	473.1546	150.6781	1,930.8256	5.2778	0.0000	236.3941	236.3941	0.0000	236.3941	236.3941	33,031.2557	156,000.2844	189,031.5401	158.2489	2.8434	193,835.1060

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	469.5561	118.8863	1,910.1091	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.2557	116,743.3569	149,774.6126	157.4965	2.1237	154,344.8942
Energy	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
Mobile	0.0000	0.0000	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	473.1546	150.6781	1,930.8256	5.2778	0.0000	236.3941	236.3941	0.0000	236.3941	236.3941	33,031.2557	156,000.2844	189,031.5401	158.2489	2.8434	193,835.1060

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1567.5

Acres of Paving: 0

Residential Indoor: 15,622,470; Residential Outdoor: 5,207,490; Non-Residential Indoor: 6,351,000; Non-Residential Outdoor: 2,117,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,006.00	1,344.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,001.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.2 Demolition - 2022

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	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.2 Demolition - 2022

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	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.3 Site Preparation - 2022

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	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.3 Site Preparation - 2022

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	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0589	0.0369	0.4440	1.4200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		141.2208	141.2208	3.8400e-003		141.3166

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954		3,687.3081	3,687.3081	1.1926		3,717.1219

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.3 Site Preparation - 2023

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	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099
Total	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.3 Site Preparation - 2023

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	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099
Total	0.0557	0.0337	0.4124	1.3600e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		135.8221	135.8221	3.5100e-003		135.9099

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070		6,011.4777	6,011.4777	1.9442		6,060.0836

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.4 Grading - 2023

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	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.4 Grading - 2023

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	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0619	0.0374	0.4582	1.5100e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		150.9134	150.9134	3.9000e-003		151.0109

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251		6,009.7487	6,009.7487	1.9437		6,058.3405

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.4 Grading - 2024

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	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.4 Grading - 2024

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	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0588	0.0343	0.4284	1.4500e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		144.9674	144.9674	3.5900e-003		145.0571

3.4 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369		6,008.2814	6,008.2814	1.9432		6,056.8614

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.4 Grading - 2025

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	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851
Total	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.4 Grading - 2025

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	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851
Total	0.0561	0.0317	0.4002	1.3900e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		139.1023	139.1023	3.3100e-003		139.1851

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2025

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	2.7287	98.9499	28.7416	0.3447	9.0983	0.1138	9.2121	2.6191	0.1088	2.7279		37,334.70 39	37,334.70 39	2.4302		37,395.45 82
Worker	14.0460	7.9247	100.1664	0.3491	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		34,817.311 8	34,817.311 8	0.8290		34,838.03 57
Total	16.7747	106.8746	128.9081	0.6938	50.2214	0.3770	50.5984	13.5269	0.3511	13.8779		72,152.01 57	72,152.01 57	3.2591		72,233.49 39

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2025

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	2.7287	98.9499	28.7416	0.3447	9.0983	0.1138	9.2121	2.6191	0.1088	2.7279		37,334.70 39	37,334.70 39	2.4302		37,395.45 82
Worker	14.0460	7.9247	100.1664	0.3491	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		34,817.311 8	34,817.311 8	0.8290		34,838.03 57
Total	16.7747	106.8746	128.9081	0.6938	50.2214	0.3770	50.5984	13.5269	0.3511	13.8779		72,152.01 57	72,152.01 57	3.2591		72,233.49 39

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2026

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	2.6595	97.5453	28.3470	0.3423	9.0982	0.1107	9.2089	2.6191	0.1058	2.7249		37,118.4076	37,118.4076	2.4069		37,178.5792
Worker	13.4519	7.3716	94.2052	0.3363	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		33,541.9173	33,541.9173	0.7728		33,561.2368
Total	16.1114	104.9169	122.5521	0.6786	50.2213	0.3657	50.5871	13.5269	0.3405	13.8674		70,660.3249	70,660.3249	3.1796		70,739.8159

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2026

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	2.6595	97.5453	28.3470	0.3423	9.0982	0.1107	9.2089	2.6191	0.1058	2.7249		37,118.4076	37,118.4076	2.4069		37,178.5792
Worker	13.4519	7.3716	94.2052	0.3363	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		33,541.9173	33,541.9173	0.7728		33,561.2368
Total	16.1114	104.9169	122.5521	0.6786	50.2213	0.3657	50.5871	13.5269	0.3405	13.8674		70,660.3249	70,660.3249	3.1796		70,739.8159

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2027

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	2.6010	96.2015	28.0103	0.3401	9.0982	0.1082	9.2064	2.6191	0.1034	2.7225		36,920.54 65	36,920.54 65	2.3868		36,980.21 57
Worker	12.8600	6.8818	88.9229	0.3250	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		32,418.88 99	32,418.88 99	0.7239		32,436.98 63
Total	15.4610	103.0833	116.9331	0.6651	50.2213	0.3495	50.5708	13.5269	0.3254	13.8523		69,339.43 64	69,339.43 64	3.1106		69,417.20 19

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2027

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	2.6010	96.2015	28.0103	0.3401	9.0982	0.1082	9.2064	2.6191	0.1034	2.7225		36,920.54 65	36,920.54 65	2.3868		36,980.21 57
Worker	12.8600	6.8818	88.9229	0.3250	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		32,418.88 99	32,418.88 99	0.7239		32,436.98 63
Total	15.4610	103.0833	116.9331	0.6651	50.2213	0.3495	50.5708	13.5269	0.3254	13.8523		69,339.43 64	69,339.43 64	3.1106		69,417.20 19

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2028

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	2.5553	95.0795	27.8427	0.3382	9.0982	0.1061	9.2043	2.6191	0.1014	2.7205		36,754.69 13	36,754.69 13	2.3685		36,813.90 33
Worker	12.2390	6.4487	84.3254	0.3151	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		31,433.99 57	31,433.99 57	0.6824		31,451.05 59
Total	14.7943	101.5282	112.1681	0.6533	50.2213	0.3296	50.5509	13.5269	0.3070	13.8339		68,188.68 70	68,188.68 70	3.0509		68,264.95 93

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2028

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	2.5553	95.0795	27.8427	0.3382	9.0982	0.1061	9.2043	2.6191	0.1014	2.7205		36,754.69 13	36,754.69 13	2.3685		36,813.90 33
Worker	12.2390	6.4487	84.3254	0.3151	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		31,433.99 57	31,433.99 57	0.6824		31,451.05 59
Total	14.7943	101.5282	112.1681	0.6533	50.2213	0.3296	50.5509	13.5269	0.3070	13.8339		68,188.68 70	68,188.68 70	3.0509		68,264.95 93

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2029

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	2.5114	93.9237	27.6521	0.3363	9.0982	0.1036	9.2018	2.6191	0.0990	2.7181		36,592.1511	36,592.1511	2.3554		36,651.0355
Worker	11.5684	6.0504	79.9628	0.3064	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		30,568.7007	30,568.7007	0.6441		30,584.8025
Total	14.0798	99.9742	107.6150	0.6427	50.2213	0.3111	50.5324	13.5269	0.2899	13.8168		67,160.8517	67,160.8517	2.9995		67,235.8380

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2029

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	2.5114	93.9237	27.6521	0.3363	9.0982	0.1036	9.2018	2.6191	0.0990	2.7181		36,592.1511	36,592.1511	2.3554		36,651.0355
Worker	11.5684	6.0504	79.9628	0.3064	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		30,568.7007	30,568.7007	0.6441		30,584.8025
Total	14.0798	99.9742	107.6150	0.6427	50.2213	0.3111	50.5324	13.5269	0.2899	13.8168		67,160.8517	67,160.8517	2.9995		67,235.8380

3.5 Building Construction - 2030

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2030

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	2.4776	92.9462	27.5548	0.3348	9.0982	0.1017	9.1998	2.6191	0.0972	2.7162		36,460.1463	36,460.1463	2.3440		36,518.7474
Worker	10.8378	5.6663	75.8241	0.2987	41.1231	0.1928	41.3159	10.9078	0.1774	11.0851		29,808.3813	29,808.3813	0.6080		29,823.5800
Total	13.3153	98.6125	103.3788	0.6336	50.2213	0.2945	50.5158	13.5269	0.2745	13.8014		66,268.5276	66,268.5276	2.9520		66,342.3274

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2030

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	2.4776	92.9462	27.5548	0.3348	9.0982	0.1017	9.1998	2.6191	0.0972	2.7162		36,460.1463	36,460.1463	2.3440		36,518.7474
Worker	10.8378	5.6663	75.8241	0.2987	41.1231	0.1928	41.3159	10.9078	0.1774	11.0851		29,808.3813	29,808.3813	0.6080		29,823.5800
Total	13.3153	98.6125	103.3788	0.6336	50.2213	0.2945	50.5158	13.5269	0.2745	13.8014		66,268.5276	66,268.5276	2.9520		66,342.3274

3.5 Building Construction - 2031

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2031

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	2.4504	92.1022	27.4713	0.3336	9.0982	0.1000	9.1982	2.6191	0.0956	2.7147		36,349.2586	36,349.2586	2.3333		36,407.5903
Worker	10.0658	5.3082	71.9017	0.2920	41.1231	0.1794	41.3025	10.9078	0.1650	11.0728		29,143.4247	29,143.4247	0.5753		29,157.8082
Total	12.5162	97.4104	99.3730	0.6256	50.2213	0.2794	50.5007	13.5269	0.2605	13.7874		65,492.6833	65,492.6833	2.9086		65,565.3985

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2031

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	2.4504	92.1022	27.4713	0.3336	9.0982	0.1000	9.1982	2.6191	0.0956	2.7147		36,349.2586	36,349.2586	2.3333		36,407.5903
Worker	10.0658	5.3082	71.9017	0.2920	41.1231	0.1794	41.3025	10.9078	0.1650	11.0728		29,143.4247	29,143.4247	0.5753		29,157.8082
Total	12.5162	97.4104	99.3730	0.6256	50.2213	0.2794	50.5007	13.5269	0.2605	13.7874		65,492.6833	65,492.6833	2.9086		65,565.3985

3.5 Building Construction - 2032

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2032

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	2.4286	91.3502	27.4353	0.3327	9.0982	0.0986	9.1968	2.6191	0.0942	2.7133		36,267.1170	36,267.1170	2.3244		36,325.2258
Worker	9.3829	5.0101	68.5237	0.2862	41.1231	0.1671	41.2902	10.9078	0.1537	11.0614		28,566.4313	28,566.4313	0.5486		28,580.1457
Total	11.8116	96.3603	95.9589	0.6189	50.2213	0.2657	50.4870	13.5269	0.2479	13.7748		64,833.5482	64,833.5482	2.8729		64,905.3714

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2032

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	2.4286	91.3502	27.4353	0.3327	9.0982	0.0986	9.1968	2.6191	0.0942	2.7133		36,267.1170	36,267.1170	2.3244		36,325.2258
Worker	9.3829	5.0101	68.5237	0.2862	41.1231	0.1671	41.2902	10.9078	0.1537	11.0614		28,566.4313	28,566.4313	0.5486		28,580.1457
Total	11.8116	96.3603	95.9589	0.6189	50.2213	0.2657	50.4870	13.5269	0.2479	13.7748		64,833.5482	64,833.5482	2.8729		64,905.3714

3.5 Building Construction - 2033

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2033

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	2.4131	90.6745	27.4196	0.3319	9.0982	0.0973	9.1956	2.6191	0.0930	2.7121		36,201.08 27	36,201.08 27	2.3169		36,259.00 58
Worker	8.7860	4.7573	65.6058	0.2812	41.1231	0.1559	41.2791	10.9078	0.1434	11.0512		28,069.58 08	28,069.58 08	0.5256		28,082.72 06
Total	11.1990	95.4318	93.0254	0.6131	50.2213	0.2533	50.4746	13.5269	0.2364	13.7633		64,270.66 35	64,270.66 35	2.8425		64,341.72 64

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2033

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	2.4131	90.6745	27.4196	0.3319	9.0982	0.0973	9.1956	2.6191	0.0930	2.7121		36,201.08 27	36,201.08 27	2.3169		36,259.00 58
Worker	8.7860	4.7573	65.6058	0.2812	41.1231	0.1559	41.2791	10.9078	0.1434	11.0512		28,069.58 08	28,069.58 08	0.5256		28,082.72 06
Total	11.1990	95.4318	93.0254	0.6131	50.2213	0.2533	50.4746	13.5269	0.2364	13.7633		64,270.66 35	64,270.66 35	2.8425		64,341.72 64

3.5 Building Construction - 2034

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2034

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	2.3996	90.0886	27.3899	0.3313	9.0983	0.0962	9.1944	2.6191	0.0919	2.7110		36,151.34 57	36,151.34 57	2.3115		36,209.13 19
Worker	8.2706	4.5439	62.8001	0.2769	41.1231	0.1456	41.2687	10.9078	0.1339	11.0417		27,641.47 64	27,641.47 64	0.5036		27,654.06 52
Total	10.6702	94.6325	90.1900	0.6082	50.2214	0.2417	50.4631	13.5269	0.2258	13.7527		63,792.82 20	63,792.82 20	2.8150		63,863.19 72

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2034

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	2.3996	90.0886	27.3899	0.3313	9.0983	0.0962	9.1944	2.6191	0.0919	2.7110		36,151.34 57	36,151.34 57	2.3115		36,209.13 19
Worker	8.2706	4.5439	62.8001	0.2769	41.1231	0.1456	41.2687	10.9078	0.1339	11.0417		27,641.47 64	27,641.47 64	0.5036		27,654.06 52
Total	10.6702	94.6325	90.1900	0.6082	50.2214	0.2417	50.4631	13.5269	0.2258	13.7527		63,792.82 20	63,792.82 20	2.8150		63,863.19 72

3.5 Building Construction - 2035

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2035

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2035

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2036

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2036

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2036

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2037

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2037

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2037

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2038

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2038

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2038

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2039

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2039

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2039

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	2.3874	89.5961	27.3479	0.3308	9.0983	0.0952	9.1935	2.6191	0.0910	2.7101		36,112.8818	36,112.8818	2.3062		36,170.5365
Worker	7.8266	4.3780	60.4028	0.2732	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		27,279.8073	27,279.8073	0.4840		27,291.9064
Total	10.2140	93.9742	87.7507	0.6041	50.2214	0.2316	50.4530	13.5269	0.2164	13.7433		63,392.6891	63,392.6891	2.7902		63,462.4429

3.5 Building Construction - 2040

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2040

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2040

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2041

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2041

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2041

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2042

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2042

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2042

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2043

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2043

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2043

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2044

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2044

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2044

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	2.3546	88.0799	27.0342	0.3303	9.0985	0.0925	9.1910	2.6192	0.0884	2.7076		36,077.69 30	36,077.69 30	2.2783		36,134.65 07
Worker	6.1889	3.8188	52.8459	0.2623	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		26,196.43 39	26,196.43 39	0.4186		26,206.89 85
Total	8.5435	91.8987	79.8801	0.5926	50.2216	0.1980	50.4196	13.5270	0.1854	13.7124		62,274.12 68	62,274.12 68	2.6969		62,341.54 93

3.5 Building Construction - 2045

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2045

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2045

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.5 Building Construction - 2046

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2046

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2046

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.5 Building Construction - 2047

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2047

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2047

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.5 Building Construction - 2048

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2048

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2048

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.5 Building Construction - 2049

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2049

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.5 Building Construction - 2049

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	2.3352	87.5008	26.6017	0.3296	9.0988	0.0912	9.1900	2.6193	0.0872	2.7065		35,983.43 54	35,983.43 54	2.2235		36,039.02 30
Worker	5.5024	3.6172	49.9372	0.2581	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		25,782.18 75	25,782.18 75	0.3974		25,792.12 26
Total	7.8376	91.1180	76.5389	0.5877	50.2219	0.1840	50.4059	13.5271	0.1725	13.6996		61,765.62 29	61,765.62 29	2.6209		61,831.14 56

3.6 Paving - 2048

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.6 Paving - 2048

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.6 Paving - 2048

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

3.6 Paving - 2049

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.6 Paving - 2049

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.6 Paving - 2049

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	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836
Total	0.0165	0.0108	0.1496	7.7000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		77.2539	77.2539	1.1900e-003		77.2836

3.7 Architectural Coating - 2048

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.7 Architectural Coating - 2048

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	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941
Total	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.7 Architectural Coating - 2048

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	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941
Total	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941

3.7 Architectural Coating - 2049

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.7 Architectural Coating - 2049

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	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941
Total	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

3.7 Architectural Coating - 2049

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	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941
Total	1.1003	0.7233	9.9854	0.0516	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		5,155.4075	5,155.4075	0.0795		5,157.3941

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
NaturalGas Unmitigated	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	82754.1	0.8925	7.6264	3.2453	0.0487		0.6166	0.6166		0.6166	0.6166		9,735.7757	9,735.7757	0.1866	0.1785	9,793.6306
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

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					
Apartments Low Rise	82.7541	0.8925	7.6264	3.2453	0.0487		0.6166	0.6166		0.6166	0.6166		9,735.7757	9,735.7757	0.1866	0.1785	9,793.6306
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74.033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

6.0 Area Detail

6.1 Mitigation Measures Area

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	469.5561	118.8863	1,910.109 1	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.25 57	116,743.35 69	149,774.6 126	157.4965	2.1237	154,344.8 942
Unmitigated	469.5561	118.8863	1,910.109 1	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.25 57	116,743.35 69	149,774.6 126	157.4965	2.1237	154,344.8 942

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	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	161.6762	113.1199	1,410.439 7	5.0550		231.1255	231.1255		231.1255	231.1255	33,031.25 57	115,839.52 94	148,870.7 851	156.6347	2.1237	153,419.5 217
Landscaping	14.9712	5.7664	499.6694	0.0265		2.7823	2.7823		2.7823	2.7823		903.8275	903.8275	0.8618		925.3725
Total	469.5561	118.8863	1,910.109 1	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.25 57	116,743.3 569	149,774.6 126	157.4965	2.1237	154,344.8 942

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	161.6762	113.1199	1,410.4397	5.0550		231.1255	231.1255		231.1255	231.1255	33,031.2557	115,839.5294	148,870.7851	156.6347	2.1237	153,419.5217
Landscaping	14.9712	5.7664	499.6694	0.0265		2.7823	2.7823		2.7823	2.7823		903.8275	903.8275	0.8618		925.3725
Total	469.5561	118.8863	1,910.1091	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.2557	116,743.3569	149,774.6126	157.4965	2.1237	154,344.8942

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

**Proposed Project - Village Focused - 2050 - Mitigated
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,118.00	1000sqft	94.54	4,118,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	4,032.00	Dwelling Unit	252.00	4,032,000.00	11532
Single Family Housing	2,046.00	Dwelling Unit	664.29	3,682,800.00	5852

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

Project Characteristics - SDG&E intensity factors adjusted for 2050

Land Use -

Construction Phase - Adjusted schedule to meet 2050 buildout

Grading -

Architectural Coating - Rule 67.0.1

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted for 2019 Title 24 Standards

Woodstoves - Fireplaces = natural gas only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	NumDays	155,000.00	6,266.00
tblConstructionPhase	NumDays	10,000.00	404.00
tblConstructionPhase	NumDays	15,500.00	627.00
tblConstructionPhase	NumDays	11,000.00	445.00
tblConstructionPhase	NumDays	6,000.00	243.00

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblFireplaces	NumberGas	2,217.60	3,628.80
tblFireplaces	NumberGas	1,125.30	1,841.40
tblFireplaces	NumberWood	1,411.20	0.00
tblFireplaces	NumberWood	716.10	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

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					
2021	3.2240	31.4785	21.9390	0.0400	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,862.6271	3,862.6271	1.0582	0.0000	3,889.0819
2022	3.2371	33.1249	20.9411	0.0399	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,857.2600	3,857.2600	1.1958	0.0000	3,883.6463
2023	3.3923	34.5576	28.4801	0.0635	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,153.1570	6,153.1570	1.9479	0.0000	6,201.8547
2024	3.2854	32.4155	28.1232	0.0634	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,145.8511	6,145.8511	1.9471	0.0000	6,194.5273
2025	20.3491	119.8624	141.0918	0.6909	50.2214	1.1319	51.1311	13.5269	1.0414	14.3791	0.0000	71,631.5942	71,631.5942	3.9348	0.0000	71,729.9642
2026	19.6373	117.8399	134.9683	0.6765	50.2213	0.8978	51.1191	13.5269	0.8410	14.3679	0.0000	70,229.7497	70,229.7497	3.8527	0.0000	70,326.0672
2027	18.9303	115.9434	129.5616	0.6638	50.2213	0.8810	51.1024	13.5269	0.8255	14.3524	0.0000	68,986.3964	68,986.3964	3.7815	0.0000	69,080.9328
2028	18.1893	114.3397	124.9933	0.6527	50.2213	0.8607	51.0820	13.5269	0.8066	14.3335	0.0000	67,903.7459	67,903.7459	3.7194	0.0000	67,996.7315
2029	17.3870	112.7398	120.6149	0.6427	50.2213	0.8417	51.0630	13.5269	0.7891	14.3159	0.0000	66,936.2482	66,936.2482	3.6662	0.0000	67,027.9026
2030	16.4598	106.7976	116.6197	0.6381	50.2213	0.4453	50.6666	13.5269	0.4252	13.9521	0.0000	66,436.1541	66,436.1541	3.1326	0.0000	66,514.4689
2031	15.5437	105.5541	112.7685	0.6306	50.2213	0.4299	50.6512	13.5269	0.4110	13.9378	0.0000	65,704.3053	65,704.3053	3.0881	0.0000	65,781.5083
2032	14.7337	104.4685	109.4957	0.6242	50.2213	0.4160	50.6373	13.5269	0.3981	13.9250	0.0000	65,081.6687	65,081.6687	3.0515	0.0000	65,157.9561
2033	14.0294	103.5084	106.6875	0.6187	50.2213	0.4033	50.6247	13.5269	0.3864	13.9133	0.0000	64,548.9595	64,548.9595	3.0203	0.0000	64,624.4680

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2034	13.4230	102.6809	103.9759	0.6141	50.2214	0.3916	50.6130	13.5269	0.3756	13.9025	0.0000	64,095.97 38	64,095.97 38	2.9924	0.0000	64,170.78 49
2035	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2036	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2037	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2038	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2039	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2040	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2041	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2042	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2043	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2044	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2045	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78
2046	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78
2047	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78
2048	317.6711	103.2055	117.6342	0.6748	58.5681	0.4012	58.9694	15.7409	0.3882	16.1291	0.0000	70,020.98 63	70,020.98 63	2.9584	0.0000	70,094.94 65
2049	317.6711	103.2055	117.6342	0.6748	58.5681	0.4012	58.9694	15.7409	0.3882	16.1291	0.0000	70,020.98 63	70,020.98 63	2.9584	0.0000	70,094.94 65
Maximum	317.6711	119.8624	141.0918	0.6909	58.5681	1.6136	58.9694	15.7409	1.4845	16.1291	0.0000	71,631.59 42	71,631.59 42	3.9348	0.0000	71,729.96 42

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)

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					
2021	3.2240	31.4785	21.9390	0.0400	0.1232	1.5522	1.6754	0.0327	1.4419	1.4746	0.0000	3,862.6271	3,862.6271	1.0582	0.0000	3,889.0819
2022	3.2371	33.1249	20.9411	0.0399	18.2141	1.6136	19.8277	9.9699	1.4845	11.4544	0.0000	3,857.2600	3,857.2600	1.1958	0.0000	3,883.6463
2023	3.3923	34.5576	28.4801	0.0635	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,153.1570	6,153.1570	1.9479	0.0000	6,201.8547
2024	3.2854	32.4155	28.1232	0.0634	8.8376	1.3365	10.1741	3.6401	1.2296	4.8696	0.0000	6,145.8511	6,145.8511	1.9471	0.0000	6,194.5273
2025	20.3491	119.8624	141.0918	0.6909	50.2214	1.1319	51.1311	13.5269	1.0414	14.3791	0.0000	71,631.5942	71,631.5942	3.9348	0.0000	71,729.9642
2026	19.6373	117.8399	134.9683	0.6765	50.2213	0.8978	51.1191	13.5269	0.8410	14.3679	0.0000	70,229.7497	70,229.7497	3.8527	0.0000	70,326.0672
2027	18.9303	115.9434	129.5616	0.6638	50.2213	0.8810	51.1024	13.5269	0.8255	14.3524	0.0000	68,986.3964	68,986.3964	3.7815	0.0000	69,080.9328
2028	18.1893	114.3397	124.9933	0.6527	50.2213	0.8607	51.0820	13.5269	0.8066	14.3335	0.0000	67,903.7459	67,903.7459	3.7194	0.0000	67,996.7315
2029	17.3870	112.7398	120.6149	0.6427	50.2213	0.8417	51.0630	13.5269	0.7891	14.3159	0.0000	66,936.2482	66,936.2482	3.6662	0.0000	67,027.9026
2030	16.4598	106.7976	116.6197	0.6381	50.2213	0.4453	50.6666	13.5269	0.4252	13.9521	0.0000	66,436.1541	66,436.1541	3.1326	0.0000	66,514.4689
2031	15.5437	105.5541	112.7685	0.6306	50.2213	0.4299	50.6512	13.5269	0.4110	13.9378	0.0000	65,704.3053	65,704.3053	3.0881	0.0000	65,781.5083
2032	14.7337	104.4685	109.4957	0.6242	50.2213	0.4160	50.6373	13.5269	0.3981	13.9250	0.0000	65,081.6687	65,081.6687	3.0515	0.0000	65,157.9561
2033	14.0294	103.5084	106.6875	0.6187	50.2213	0.4033	50.6247	13.5269	0.3864	13.9133	0.0000	64,548.9595	64,548.9595	3.0203	0.0000	64,624.4680
2034	13.4230	102.6809	103.9759	0.6141	50.2214	0.3916	50.6130	13.5269	0.3756	13.9025	0.0000	64,095.9738	64,095.9738	2.9924	0.0000	64,170.7849
2035	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.4635	63,716.4635	2.9591	0.0000	63,790.4406

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2036	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2037	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2038	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2039	12.8103	101.2268	101.6025	0.6102	50.2214	0.3236	50.5450	13.5269	0.3084	13.8353	0.0000	63,716.46 35	63,716.46 35	2.9591	0.0000	63,790.44 06
2040	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2041	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2042	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2043	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2044	10.8598	98.8005	94.0294	0.5993	50.2216	0.2729	50.4945	13.5270	0.2603	13.7872	0.0000	62,655.85 23	62,655.85 23	2.8617	0.0000	62,727.39 54
2045	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78
2046	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78
2047	10.0808	98.0025	90.7592	0.5946	50.2219	0.2586	50.4805	13.5271	0.2470	13.7741	0.0000	62,173.73 78	62,173.73 78	2.7844	0.0000	62,243.34 78
2048	317.6711	103.2055	117.6342	0.6748	58.5681	0.4012	58.9694	15.7409	0.3882	16.1291	0.0000	70,020.98 63	70,020.98 63	2.9584	0.0000	70,094.94 64
2049	317.6711	103.2055	117.6342	0.6748	58.5681	0.4012	58.9694	15.7409	0.3882	16.1291	0.0000	70,020.98 63	70,020.98 63	2.9584	0.0000	70,094.94 64
Maximum	317.6711	119.8624	141.0918	0.6909	58.5681	1.6136	58.9694	15.7409	1.4845	16.1291	0.0000	71,631.59 42	71,631.59 42	3.9348	0.0000	71,729.96 42

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	469.5561	118.8863	1,910.1091	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.2557	116,743.3569	149,774.6126	157.4965	2.1237	154,344.8942
Energy	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
Mobile	0.0000	0.0000	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	473.1546	150.6781	1,930.8256	5.2778	0.0000	236.3941	236.3941	0.0000	236.3941	236.3941	33,031.2557	156,000.2844	189,031.5401	158.2489	2.8434	193,835.1060

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	469.5561	118.8863	1,910.1091	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.2557	116,743.3569	149,774.6126	157.4965	2.1237	154,344.8942
Energy	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
Mobile	0.0000	0.0000	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	473.1546	150.6781	1,930.8256	5.2778	0.0000	236.3941	236.3941	0.0000	236.3941	236.3941	33,031.2557	156,000.2844	189,031.5401	158.2489	2.8434	193,835.1060

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	7/20/2022	5	404	
2	Site Preparation	Site Preparation	7/21/2022	6/26/2023	5	243	
3	Grading	Grading	6/27/2023	11/19/2025	5	627	
4	Building Construction	Building Construction	11/20/2025	11/25/2049	5	6266	
5	Paving	Paving	3/13/2048	11/25/2049	5	445	
6	Architectural Coating	Architectural Coating	3/13/2048	11/25/2049	5	445	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1567.5

Acres of Paving: 0

Residential Indoor: 15,622,470; Residential Outdoor: 5,207,490; Non-Residential Indoor: 6,351,000; Non-Residential Outdoor: 2,117,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,006.00	1,344.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,001.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

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	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.2 Demolition - 2022

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	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.2 Demolition - 2022

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	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.3 Site Preparation - 2022

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	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.3 Site Preparation - 2022

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	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0669	0.0414	0.4164	1.3300e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0401		132.5746	132.5746	3.6200e-003		132.6651

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954		3,687.3081	3,687.3081	1.1926		3,717.1219

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.3 Site Preparation - 2023

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	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940
Total	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.3 Site Preparation - 2023

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	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940
Total	0.0635	0.0378	0.3860	1.2800e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		127.5113	127.5113	3.3100e-003		127.5940

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070		6,011.4777	6,011.4777	1.9442		6,060.0836

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.4 Grading - 2023

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	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.4 Grading - 2023

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	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0706	0.0420	0.4289	1.4200e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		141.6792	141.6792	3.6800e-003		141.7711

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251		6,009.7487	6,009.7487	1.9437		6,058.3405

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.4 Grading - 2024

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	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.4 Grading - 2024

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	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0673	0.0385	0.4004	1.3600e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		136.1024	136.1024	3.3800e-003		136.1868

3.4 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369		6,008.2814	6,008.2814	1.9432		6,056.8614

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.4 Grading - 2025

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	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790
Total	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	8.6733	1.1309	9.8042	3.5965	1.0404	4.6369	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.4 Grading - 2025

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	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790
Total	0.0643	0.0355	0.3736	1.3100e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		130.6011	130.6011	3.1100e-003		130.6790

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2025

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	2.8771	98.5067	31.4993	0.3361	9.0983	0.1189	9.2172	2.6191	0.1137	2.7328		36,385.66 54	36,385.66 54	2.5544		36,449.52 42
Worker	16.1045	8.8860	93.5078	0.3278	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		32,689.45 44	32,689.45 44	0.7795		32,708.94 19
Total	18.9817	107.3928	125.0071	0.6639	50.2214	0.3822	50.6035	13.5269	0.3560	13.8829		69,075.11 98	69,075.11 98	3.3339		69,158.46 62

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2025

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	2.8771	98.5067	31.4993	0.3361	9.0983	0.1189	9.2172	2.6191	0.1137	2.7328		36,385.66 54	36,385.66 54	2.5544		36,449.52 42
Worker	16.1045	8.8860	93.5078	0.3278	41.1231	0.2632	41.3863	10.9078	0.2423	11.1501		32,689.45 44	32,689.45 44	0.7795		32,708.94 19
Total	18.9817	107.3928	125.0071	0.6639	50.2214	0.3822	50.6035	13.5269	0.3560	13.8829		69,075.11 98	69,075.11 98	3.3339		69,158.46 62

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2026

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	2.8026	97.1060	31.0363	0.3338	9.0982	0.1151	9.2134	2.6191	0.1100	2.7292		36,180.94 44	36,180.94 44	2.5258		36,244.08 81
Worker	15.4673	8.2642	87.8474	0.3157	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		31,492.33 10	31,492.33 10	0.7260		31,510.48 10
Total	18.2699	105.3702	118.8837	0.6495	50.2213	0.3702	50.5915	13.5269	0.3448	13.8716		67,673.27 53	67,673.27 53	3.2518		67,754.56 91

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2026

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	2.8026	97.1060	31.0363	0.3338	9.0982	0.1151	9.2134	2.6191	0.1100	2.7292		36,180.94 44	36,180.94 44	2.5258		36,244.08 81
Worker	15.4673	8.2642	87.8474	0.3157	41.1231	0.2551	41.3782	10.9078	0.2347	11.1425		31,492.33 10	31,492.33 10	0.7260		31,510.48 10
Total	18.2699	105.3702	118.8837	0.6495	50.2213	0.3702	50.5915	13.5269	0.3448	13.8716		67,673.27 53	67,673.27 53	3.2518		67,754.56 91

3.5 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2027

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	2.7400	95.7602	30.6446	0.3317	9.0982	0.1122	9.2104	2.6191	0.1072	2.7263		35,992.66 50	35,992.66 50	2.5011		36,055.19 17
Worker	14.8229	7.7135	82.8324	0.3051	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		30,437.25 71	30,437.25 71	0.6794		30,454.24 31
Total	17.5629	103.4737	113.4770	0.6368	50.2213	0.3535	50.5748	13.5269	0.3292	13.8561		66,429.92 21	66,429.92 21	3.1805		66,509.43 47

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2027

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	2.7400	95.7602	30.6446	0.3317	9.0982	0.1122	9.2104	2.6191	0.1072	2.7263		35,992.66 50	35,992.66 50	2.5011		36,055.19 17
Worker	14.8229	7.7135	82.8324	0.3051	41.1231	0.2413	41.3644	10.9078	0.2220	11.1298		30,437.25 71	30,437.25 71	0.6794		30,454.24 31
Total	17.5629	103.4737	113.4770	0.6368	50.2213	0.3535	50.5748	13.5269	0.3292	13.8561		66,429.92 21	66,429.92 21	3.1805		66,509.43 47

3.5 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2028

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	2.6908	94.6436	30.4357	0.3299	9.0982	0.1096	9.2078	2.6191	0.1048	2.7239		35,835.9000	35,835.9000	2.4784		35,897.8598
Worker	14.1311	7.2264	78.4729	0.2958	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		29,511.3716	29,511.3716	0.6401		29,527.3736
Total	16.8219	101.8700	108.9086	0.6257	50.2213	0.3331	50.5544	13.5269	0.3104	13.8372		65,347.2715	65,347.2715	3.1185		65,425.2334

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2028

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	2.6908	94.6436	30.4357	0.3299	9.0982	0.1096	9.2078	2.6191	0.1048	2.7239		35,835.9000	35,835.9000	2.4784		35,897.8598
Worker	14.1311	7.2264	78.4729	0.2958	41.1231	0.2235	41.3466	10.9078	0.2056	11.1134		29,511.3716	29,511.3716	0.6401		29,527.3736
Total	16.8219	101.8700	108.9086	0.6257	50.2213	0.3331	50.5544	13.5269	0.3104	13.8372		65,347.2715	65,347.2715	3.1185		65,425.2334

3.5 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2029

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	2.6435	93.4923	30.2033	0.3282	9.0982	0.1067	9.2049	2.6191	0.1020	2.7211		35,682.49 07	35,682.49 07	2.4616		35,744.03 14
Worker	13.3761	6.7778	74.3269	0.2876	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		28,697.28 31	28,697.28 31	0.6036		28,712.37 32
Total	16.0196	100.2701	104.5302	0.6158	50.2213	0.3142	50.5355	13.5269	0.2928	13.8197		64,379.77 39	64,379.77 39	3.0652		64,456.40 46

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2029

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	2.6435	93.4923	30.2033	0.3282	9.0982	0.1067	9.2049	2.6191	0.1020	2.7211		35,682.49 07	35,682.49 07	2.4616		35,744.03 14
Worker	13.3761	6.7778	74.3269	0.2876	41.1231	0.2075	41.3306	10.9078	0.1909	11.0986		28,697.28 31	28,697.28 31	0.6036		28,712.37 32
Total	16.0196	100.2701	104.5302	0.6158	50.2213	0.3142	50.5355	13.5269	0.2928	13.8197		64,379.77 39	64,379.77 39	3.0652		64,456.40 46

3.5 Building Construction - 2030

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2030

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	2.6072	92.5182	30.0766	0.3267	9.0982	0.1043	9.2025	2.6191	0.0997	2.7188		35,557.20 31	35,557.20 31	2.4471		35,618.38 10
Worker	12.5435	6.3448	70.3861	0.2804	41.1231	0.1928	41.3159	10.9078	0.1774	11.0851		27,981.40 43	27,981.40 43	0.5692		27,995.63 50
Total	15.1507	98.8630	100.4627	0.6071	50.2213	0.2972	50.5184	13.5269	0.2771	13.8039		63,538.60 74	63,538.60 74	3.0164		63,614.01 61

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2030

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	2.6072	92.5182	30.0766	0.3267	9.0982	0.1043	9.2025	2.6191	0.0997	2.7188		35,557.20 31	35,557.20 31	2.4471		35,618.38 10
Worker	12.5435	6.3448	70.3861	0.2804	41.1231	0.1928	41.3159	10.9078	0.1774	11.0851		27,981.40 43	27,981.40 43	0.5692		27,995.63 50
Total	15.1507	98.8630	100.4627	0.6071	50.2213	0.2972	50.5184	13.5269	0.2771	13.8039		63,538.60 74	63,538.60 74	3.0164		63,614.01 61

3.5 Building Construction - 2031

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2031

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	2.5779	91.6790	29.9682	0.3256	9.0982	0.1024	9.2006	2.6191	0.0978	2.7169		35,451.87 39	35,451.87 39	2.4337		35,512.71 68
Worker	11.6567	5.9404	66.6432	0.2741	41.1231	0.1794	41.3025	10.9078	0.1650	11.0728		27,354.88 47	27,354.88 47	0.5382		27,368.33 87
Total	14.2346	97.6195	96.6115	0.5996	50.2213	0.2817	50.5030	13.5269	0.2628	13.7897		62,806.75 86	62,806.75 86	2.9719		62,881.05 55

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2031

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	2.5779	91.6790	29.9682	0.3256	9.0982	0.1024	9.2006	2.6191	0.0978	2.7169		35,451.87 39	35,451.87 39	2.4337		35,512.71 68
Worker	11.6567	5.9404	66.6432	0.2741	41.1231	0.1794	41.3025	10.9078	0.1650	11.0728		27,354.88 47	27,354.88 47	0.5382		27,368.33 87
Total	14.2346	97.6195	96.6115	0.5996	50.2213	0.2817	50.5030	13.5269	0.2628	13.7897		62,806.75 86	62,806.75 86	2.9719		62,881.05 55

3.5 Building Construction - 2032

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2032

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	2.5546	90.9299	29.9164	0.3246	9.0982	0.1007	9.1990	2.6191	0.0963	2.7154		35,372.9669	35,372.9669	2.4226		35,433.5318
Worker	10.8701	5.6040	63.4223	0.2686	41.1231	0.1671	41.2902	10.9078	0.1537	11.0614		26,811.1550	26,811.1550	0.5127		26,823.9714
Total	13.4246	96.5339	93.3387	0.5933	50.2213	0.2678	50.4891	13.5269	0.2499	13.7768		62,184.1219	62,184.1219	2.9353		62,257.5033

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2032

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	2.5546	90.9299	29.9164	0.3246	9.0982	0.1007	9.1990	2.6191	0.0963	2.7154		35,372.96 69	35,372.96 69	2.4226		35,433.53 18
Worker	10.8701	5.6040	63.4223	0.2686	41.1231	0.1671	41.2902	10.9078	0.1537	11.0614		26,811.155 0	26,811.155 0	0.5127		26,823.97 14
Total	13.4246	96.5339	93.3387	0.5933	50.2213	0.2678	50.4891	13.5269	0.2499	13.7768		62,184.12 19	62,184.12 19	2.9353		62,257.50 33

3.5 Building Construction - 2033

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2033

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	2.5379	90.2549	29.8905	0.3239	9.0982	0.0993	9.1975	2.6191	0.0948	2.7140		35,308.46 65	35,308.46 65	2.4133		35,368.79 94
Worker	10.1823	5.3190	60.6401	0.2639	41.1231	0.1559	41.2791	10.9078	0.1434	11.0512		26,342.94 63	26,342.94 63	0.4908		26,355.21 57
Total	12.7202	95.5738	90.5306	0.5878	50.2213	0.2552	50.4765	13.5269	0.2383	13.7652		61,651.41 28	61,651.41 28	2.9041		61,724.01 51

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2033

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	2.5379	90.2549	29.8905	0.3239	9.0982	0.0993	9.1975	2.6191	0.0948	2.7140		35,308.46 65	35,308.46 65	2.4133		35,368.79 94
Worker	10.1823	5.3190	60.6401	0.2639	41.1231	0.1559	41.2791	10.9078	0.1434	11.0512		26,342.94 63	26,342.94 63	0.4908		26,355.21 57
Total	12.7202	95.5738	90.5306	0.5878	50.2213	0.2552	50.4765	13.5269	0.2383	13.7652		61,651.41 28	61,651.41 28	2.9041		61,724.01 51

3.5 Building Construction - 2034

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2034

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	2.5236	89.6677	29.8527	0.3233	9.0983	0.0979	9.1962	2.6191	0.0936	2.7127		35,258.91 98	35,258.91 98	2.4064		35,319.07 95
Worker	9.5903	5.0786	57.9662	0.2598	41.1231	0.1456	41.2687	10.9078	0.1339	11.0417		25,939.50 72	25,939.50 72	0.4698		25,951.25 25
Total	12.1139	94.7463	87.8189	0.5831	50.2214	0.2435	50.4649	13.5269	0.2275	13.7543		61,198.42 70	61,198.42 70	2.8762		61,270.33 20

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2034

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	2.5236	89.6677	29.8527	0.3233	9.0983	0.0979	9.1962	2.6191	0.0936	2.7127		35,258.91 98	35,258.91 98	2.4064		35,319.07 95
Worker	9.5903	5.0786	57.9662	0.2598	41.1231	0.1456	41.2687	10.9078	0.1339	11.0417		25,939.50 72	25,939.50 72	0.4698		25,951.25 25
Total	12.1139	94.7463	87.8189	0.5831	50.2214	0.2435	50.4649	13.5269	0.2275	13.7543		61,198.42 70	61,198.42 70	2.8762		61,270.33 20

3.5 Building Construction - 2035

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2035

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2035

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2036

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2036

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2036

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2037

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2037

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2037

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2038

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2038

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2038

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2039

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2039

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2039

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	2.5106	89.1734	29.8038	0.3228	9.0983	0.0968	9.1951	2.6191	0.0925	2.7116		35,220.1578	35,220.1578	2.4000		35,280.1571
Worker	9.0830	4.8921	55.6810	0.2564	41.1231	0.1364	41.2595	10.9078	0.1254	11.0332		25,598.7589	25,598.7589	0.4512		25,610.0387
Total	11.5935	94.0655	85.4848	0.5792	50.2214	0.2332	50.4546	13.5269	0.2179	13.7448		60,818.9167	60,818.9167	2.8512		60,890.1958

3.5 Building Construction - 2040

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2040

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2040

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2041

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2041

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2041

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2042

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2042

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2042

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2043

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2043

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2043

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2044

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2044

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2044

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	2.4762	87.6467	29.4623	0.3223	9.0985	0.0936	9.1922	2.6192	0.0895	2.7087		35,180.00 61	35,180.00 61	2.3686		35,239.22 19
Worker	7.1866	4.2635	48.4487	0.2461	41.1231	0.1055	41.2286	10.9078	0.0971	11.0048		24,578.29 91	24,578.29 91	0.3890		24,588.02 32
Total	9.6628	91.9102	77.9110	0.5683	50.2216	0.1992	50.4208	13.5270	0.1865	13.7135		59,758.30 52	59,758.30 52	2.7576		59,827.24 51

3.5 Building Construction - 2045

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2045

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2045

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

3.5 Building Construction - 2046

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2046

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2046

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

3.5 Building Construction - 2047

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2047

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2047

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

3.5 Building Construction - 2048

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2048

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2048

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

3.5 Building Construction - 2049

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2049

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

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	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.5 Building Construction - 2049

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	2.4560	87.0753	28.9903	0.3215	9.0988	0.0921	9.1909	2.6193	0.0880	2.7073		35,087.33 85	35,087.33 85	2.3116		35,145.12 90
Worker	6.4278	4.0369	45.6504	0.2421	41.1231	0.0928	41.2159	10.9078	0.0853	10.9931		24,188.85 23	24,188.85 23	0.3687		24,198.06 85
Total	8.8838	91.1122	74.6407	0.5637	50.2219	0.1848	50.4067	13.5271	0.1733	13.7004		59,276.19 07	59,276.19 07	2.6803		59,343.19 75

3.6 Paving - 2048

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.6 Paving - 2048

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.6 Paving - 2048

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

3.6 Paving - 2049

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.6 Paving - 2049

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

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	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.6 Paving - 2049

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	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072
Total	0.0193	0.0121	0.1368	7.3000e-004	0.1232	2.8000e-004	0.1235	0.0327	2.6000e-004	0.0329		72.4796	72.4796	1.1000e-003		72.5072

3.7 Architectural Coating - 2048

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.7 Architectural Coating - 2048

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	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9
Total	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.7 Architectural Coating - 2048

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	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9
Total	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9

3.7 Architectural Coating - 2049

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.7 Architectural Coating - 2049

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	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9
Total	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9

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	305.1597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	305.2746	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

3.7 Architectural Coating - 2049

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	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9
Total	1.2853	0.8072	9.1283	0.0484	8.2230	0.0186	8.2415	2.1811	0.0171	2.1982		4,836.804 1	4,836.804 1	0.0737		4,838.646 9

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118
NaturalGas Unmitigated	3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	82754.1	0.8925	7.6264	3.2453	0.0487		0.6166	0.6166		0.6166	0.6166		9,735.7757	9,735.7757	0.1866	0.1785	9,793.6306
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

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					
Apartments Low Rise	82.7541	0.8925	7.6264	3.2453	0.0487		0.6166	0.6166		0.6166	0.6166		9,735.7757	9,735.7757	0.1866	0.1785	9,793.6306
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	173.633	1.8725	17.0228	14.2992	0.1021		1.2937	1.2937		1.2937	1.2937		20,427.4037	20,427.4037	0.3915	0.3745	20,548.7936
Single Family Housing	74.033	0.7984	6.8227	2.9033	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.7610	8,709.7610	0.1669	0.1597	8,761.5188
Total		3.5986	31.7918	20.7165	0.1963		2.4863	2.4863		2.4863	2.4863		39,256.9275	39,256.9275	0.7524	0.7197	39,490.2118

6.0 Area Detail

6.1 Mitigation Measures Area

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	469.5561	118.8863	1,910.109 1	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.25 57	116,743.35 69	149,774.6 126	157.4965	2.1237	154,344.8 942
Unmitigated	469.5561	118.8863	1,910.109 1	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.25 57	116,743.35 69	149,774.6 126	157.4965	2.1237	154,344.8 942

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	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	161.6762	113.1199	1,410.439 7	5.0550		231.1255	231.1255		231.1255	231.1255	33,031.25 57	115,839.52 94	148,870.7 851	156.6347	2.1237	153,419.5 217
Landscaping	14.9712	5.7664	499.6694	0.0265		2.7823	2.7823		2.7823	2.7823		903.8275	903.8275	0.8618		925.3725
Total	469.5561	118.8863	1,910.109 1	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.25 57	116,743.3 569	149,774.6 126	157.4965	2.1237	154,344.8 942

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	37.2044					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	255.7043					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	161.6762	113.1199	1,410.4397	5.0550		231.1255	231.1255		231.1255	231.1255	33,031.2557	115,839.5294	148,870.7851	156.6347	2.1237	153,419.5217
Landscaping	14.9712	5.7664	499.6694	0.0265		2.7823	2.7823		2.7823	2.7823		903.8275	903.8275	0.8618		925.3725
Total	469.5561	118.8863	1,910.1091	5.0815		233.9078	233.9078		233.9078	233.9078	33,031.2557	116,743.3569	149,774.6126	157.4965	2.1237	154,344.8942

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Proposed Project - Village Focused - 2050 - Mitigated - San Diego County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

**Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030
San Diego County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,025.00	1000sqft	92.40	4,025,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,282.00	Dwelling Unit	416.23	2,307,600.00	3667

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	PhaseEndDate	9/7/2023	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

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tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	tons/yr										MT/yr					
Area	271.1388	4.8238	312.3184	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.2844	1,638.9112	5,440.1955	3.5507	0.2990	5,618.0642
Energy	0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	15,358.5654	15,358.5654	0.5094	0.1903	15,428.0165
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,318.1502	0.0000	1,318.1502	77.9005	0.0000	3,265.6614
Water						0.0000	0.0000		0.0000	0.0000	311.5338	2,822.4363	3,133.9702	32.1115	0.7818	4,169.7480
Total	271.6674	9.5267	315.6024	0.5467	0.0000	40.4806	40.4806	0.0000	40.4806	40.4806	5,430.9684	19,819.9129	25,250.8814	114.0721	1.2712	28,481.4901

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	271.1388	4.8238	312.3184	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.2844	1,638.9112	5,440.1955	3.5507	0.2990	5,618.0642
Energy	0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	15,358.5654	15,358.5654	0.5094	0.1903	15,428.0165
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,318.1502	0.0000	1,318.1502	77.9005	0.0000	3,265.6614
Water						0.0000	0.0000		0.0000	0.0000	311.5338	2,822.4363	3,133.9702	32.1115	0.7818	4,169.7480
Total	271.6674	9.5267	315.6024	0.5467	0.0000	40.4806	40.4806	0.0000	40.4806	40.4806	5,430.9684	19,819.9129	25,250.8814	114.0721	1.2712	28,481.4901

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	10,127.96	10,127.96	0.4091	0.0944	10,165.5633
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	10,127.96	10,127.96	0.4091	0.0944	10,165.5633
NaturalGas Mitigated	0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532
NaturalGas Unmitigated	0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532

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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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.19448e+007	0.3340	3.0365	2.5507	0.0182		0.2308	0.2308		0.2308	0.2308	0.0000	3,305.6078	3,305.6078	0.0634	0.0606	3,325.2513
Single Family Housing	1.69317e+007	0.0913	0.7802	0.3320	4.9800e-003		0.0631	0.0631		0.0631	0.0631	0.0000	903.5397	903.5397	0.0173	0.0166	908.9090
Total		0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532

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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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.19448e+007	0.3340	3.0365	2.5507	0.0182		0.2308	0.2308		0.2308	0.2308	0.0000	3,305.6078	3,305.6078	0.0634	0.0606	3,325.2513
Single Family Housing	1.69317e+007	0.0913	0.7802	0.3320	4.9800e-003		0.0631	0.0631		0.0631	0.0631	0.0000	903.5397	903.5397	0.0173	0.0166	908.9090
Total		0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	1,437.0663	0.0581	0.0134	1,442.5101
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	4.8461e+007	7,073.4397	0.2858	0.0659	7,100.2352
Single Family Housing	1.0154e+007	1,482.0879	0.0599	0.0138	1,487.7024
Total		10,127.1996	0.4091	0.0944	10,165.5633

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	1,437.0663	0.0581	0.0134	1,442.5101
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	4.8461e+007	7,073.4397	0.2858	0.0659	7,100.2352
Single Family Housing	1.0154e+007	1,482.0879	0.0599	0.0138	1,487.7024
Total		10,127.1996	0.4091	0.0944	10,165.5633

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	271.1388	4.8238	312.3184	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.284 4	1,638.9112	5,440.195 5	3.5507	0.2990	5,618.064 2
Unmitigated	271.1388	4.8238	312.3184	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.284 4	1,638.9112	5,440.195 5	3.5507	0.2990	5,618.064 2

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	tons/yr										MT/yr					
Architectural Coating	4.8638					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	34.5504					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	230.9060	4.5093	285.0284	0.5164		39.9637	39.9637		39.9637	39.9637	3,801.284 4	1,594.203 2	5,395.487 6	3.5080	0.2990	5,572.288 3
Landscaping	0.8186	0.3145	27.2901	1.4500e-003		0.1517	0.1517		0.1517	0.1517	0.0000	44.7080	44.7080	0.0427	0.0000	45.7759
Total	271.1388	4.8238	312.3184	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.284 4	1,638.911 2	5,440.195 5	3.5507	0.2990	5,618.064 2

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

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	tons/yr										MT/yr					
Architectural Coating	4.8638					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	34.5504					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	230.9060	4.5093	285.0284	0.5164		39.9637	39.9637		39.9637	39.9637	3,801.284 4	1,594.203 2	5,395.487 6	3.5080	0.2990	5,572.288 3
Landscaping	0.8186	0.3145	27.2901	1.4500e-003		0.1517	0.1517		0.1517	0.1517	0.0000	44.7080	44.7080	0.0427	0.0000	45.7759
Total	271.1388	4.8238	312.3184	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.284 4	1,638.911 2	5,440.195 5	3.5507	0.2990	5,618.064 2

7.0 Water Detail

7.1 Mitigation Measures Water

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,133.970 2	32.1115	0.7818	4,169.748 0
Unmitigated	3,133.970 2	32.1115	0.7818	4,169.748 0

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	506.2392	5.1095	0.1245	671.0686
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	715.378 / 438.458	2,297.596 3	23.3943	0.5697	3,052.229 0
Single Family Housing	83.5275 / 52.6586	270.6417	2.7316	0.0665	358.7614
Total		3,133.970 2	32.1115	0.7818	4,169.748 0

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	506.2392	5.1095	0.1245	671.0686
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	715.378 / 438.458	2,297.5963	23.3943	0.5697	3,052.2290
Single Family Housing	83.5275 / 52.6586	270.6417	2.7316	0.0665	358.7614
Total		3,133.9702	32.1115	0.7818	4,169.7480

8.0 Waste Detail

8.1 Mitigation Measures Waste

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,318.150 2	77.9005	0.0000	3,265.661 4
Unmitigated	1,318.150 2	77.9005	0.0000	3,265.661 4

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3743.25	759.8459	44.9056	0.0000	1,882.486 1
Single Family Housing	1503.47	305.1908	18.0363	0.0000	756.0974
Total		1,318.150 2	77.9005	0.0000	3,265.661 4

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3743.25	759.8459	44.9056	0.0000	1,882.4861
Single Family Housing	1503.47	305.1908	18.0363	0.0000	756.0974
Total		1,318.1502	77.9005	0.0000	3,265.6614

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Annual

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

**Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,025.00	1000sqft	92.40	4,025,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,282.00	Dwelling Unit	416.23	2,307,600.00	3667

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	321.79	CH4 Intensity (lb/MW hr)	0.013	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	PhaseEndDate	9/7/2023	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061
Energy	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
Mobile	0.0000	0.0000	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	5,859.8135	139.2472	7,273.1287	12.7690	0.0000	978.4106	978.4106	0.0000	978.4106	978.4106	102,199.9691	75,006.5292	177,206.4983	95.4424	8.6181	182,160.7499

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	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061
Energy	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
Mobile	0.0000	0.0000	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	5,859.8135	139.2472	7,273.1287	12.7690	0.0000	978.4106	978.4106	0.0000	978.4106	978.4106	102,199.9691	75,006.5292	177,206.4983	95.4424	8.6181	182,160.7499

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.77 40	31,597.77 40	0.6056	0.5793	31,785.54 37
NaturalGas Unmitigated	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.77 40	31,597.77 40	0.6056	0.5793	31,785.54 37

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.275 3	5,790.275 3	0.1110	0.1062	5,824.684 1
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	169712	1.8302	16.6384	13.9763	0.0998		1.2645	1.2645		1.2645	1.2645		19,966.07 58	19,966.07 58	0.3827	0.3660	20,084.72 42
Single Family Housing	46388.2	0.5003	4.2750	1.8192	0.0273		0.3456	0.3456		0.3456	0.3456		5,457.435 8	5,457.435 8	0.1046	0.1001	5,489.866 6
Total		2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.77 40	31,597.77 40	0.6056	0.5793	31,785.54 37

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	169.712	1.8302	16.6384	13.9763	0.0998		1.2645	1.2645		1.2645	1.2645		19,966.0758	19,966.0758	0.3827	0.3660	20,084.7242
Single Family Housing	46.3882	0.5003	4.2750	1.8192	0.0273		0.3456	0.3456		0.3456	0.3456		5,457.4358	5,457.4358	0.1046	0.1001	5,489.8666
Total		2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437

6.0 Area Detail

6.1 Mitigation Measures Area

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061
Unmitigated	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061

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	26.6508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	189.3172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5,631.8535	109.9836	6,951.9114	12.5949		974.7243	974.7243		974.7243	974.7243	102,199.9691	42,861.1765	145,061.1456	94.3136	8.0388	149,814.5479
Landscaping	9.0955	3.4945	303.2230	0.0161		1.6852	1.6852		1.6852	1.6852		547.5787	547.5787	0.5232		560.6582
Total	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	26.6508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	189.3172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5,631.8535	109.9836	6,951.9114	12.5949		974.7243	974.7243		974.7243	974.7243	102,199.9691	42,861.1765	145,061.1456	94.3136	8.0388	149,814.5479
Landscaping	9.0955	3.4945	303.2230	0.0161		1.6852	1.6852		1.6852	1.6852		547.5787	547.5787	0.5232		560.6582
Total	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

**Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,025.00	1000sqft	92.40	4,025,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,282.00	Dwelling Unit	416.23	2,307,600.00	3667

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	PhaseEndDate	9/7/2023	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061
Energy	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
Mobile	0.0000	0.0000	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	5,859.8135	139.2472	7,273.1287	12.7690	0.0000	978.4106	978.4106	0.0000	978.4106	978.4106	102,199.9691	75,006.5292	177,206.4983	95.4424	8.6181	182,160.7499

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	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061
Energy	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
Mobile	0.0000	0.0000	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	5,859.8135	139.2472	7,273.1287	12.7690	0.0000	978.4106	978.4106	0.0000	978.4106	978.4106	102,199.9691	75,006.5292	177,206.4983	95.4424	8.6181	182,160.7499

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.77 40	31,597.77 40	0.6056	0.5793	31,785.54 37
NaturalGas Unmitigated	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.77 40	31,597.77 40	0.6056	0.5793	31,785.54 37

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.275 3	5,790.275 3	0.1110	0.1062	5,824.684 1
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	169712	1.8302	16.6384	13.9763	0.0998		1.2645	1.2645		1.2645	1.2645		19,966.07 58	19,966.07 58	0.3827	0.3660	20,084.72 42
Single Family Housing	46388.2	0.5003	4.2750	1.8192	0.0273		0.3456	0.3456		0.3456	0.3456		5,457.435 8	5,457.435 8	0.1046	0.1001	5,489.866 6
Total		2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.77 40	31,597.77 40	0.6056	0.5793	31,785.54 37

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	169.712	1.8302	16.6384	13.9763	0.0998		1.2645	1.2645		1.2645	1.2645		19,966.0758	19,966.0758	0.3827	0.3660	20,084.7242
Single Family Housing	46.3882	0.5003	4.2750	1.8192	0.0273		0.3456	0.3456		0.3456	0.3456		5,457.4358	5,457.4358	0.1046	0.1001	5,489.8666
Total		2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437

6.0 Area Detail

6.1 Mitigation Measures Area

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061
Unmitigated	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061

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	26.6508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	189.3172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5,631.8535	109.9836	6,951.9114	12.5949		974.7243	974.7243		974.7243	974.7243	102,199.9691	42,861.1765	145,061.1456	94.3136	8.0388	149,814.5479
Landscaping	9.0955	3.4945	303.2230	0.0161		1.6852	1.6852		1.6852	1.6852		547.5787	547.5787	0.5232		560.6582
Total	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	26.6508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	189.3172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5,631.8535	109.9836	6,951.9114	12.5949		974.7243	974.7243		974.7243	974.7243	102,199.9691	42,861.1765	145,061.1456	94.3136	8.0388	149,814.5479
Landscaping	9.0955	3.4945	303.2230	0.0161		1.6852	1.6852		1.6852	1.6852		547.5787	547.5787	0.5232		560.6582
Total	5,856.9170	113.4781	7,255.1344	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8368	8.0388	150,375.2061

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2030 - San Diego County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Annual

**Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050
San Diego County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,025.00	1000sqft	92.40	4,025,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,282.00	Dwelling Unit	416.23	2,307,600.00	3667

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	PhaseEndDate	9/7/2023	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

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tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	tons/yr										MT/yr					
Area	271.1373	4.8237	312.2706	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.2844	1,638.9112	5,440.1955	3.5506	0.2990	5,618.0632
Energy	0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,318.1502	0.0000	1,318.1502	77.9005	0.0000	3,265.6614
Water						0.0000	0.0000		0.0000	0.0000	311.5338	0.0000	311.5338	31.9975	0.7555	1,336.6197
Total	271.6659	9.5265	315.5545	0.5467	0.0000	40.4806	40.4806	0.0000	40.4806	40.4806	5,430.9684	6,870.2770	12,301.2454	113.5489	1.1504	15,482.7976

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	271.1373	4.8237	312.2706	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.2844	1,638.9112	5,440.1955	3.5506	0.2990	5,618.0632
Energy	0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,318.1502	0.0000	1,318.1502	77.9005	0.0000	3,265.6614
Water						0.0000	0.0000		0.0000	0.0000	311.5338	0.0000	311.5338	31.9975	0.7555	1,336.6197
Total	271.6659	9.5265	315.5545	0.5467	0.0000	40.4806	40.4806	0.0000	40.4806	40.4806	5,430.9684	6,870.2770	12,301.2454	113.5489	1.1504	15,482.7976

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532
NaturalGas Unmitigated	0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Annual

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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.19448e+007	0.3340	3.0365	2.5507	0.0182		0.2308	0.2308		0.2308	0.2308	0.0000	3,305.6078	3,305.6078	0.0634	0.0606	3,325.2513
Single Family Housing	1.69317e+007	0.0913	0.7802	0.3320	4.9800e-003		0.0631	0.0631		0.0631	0.0631	0.0000	903.5397	903.5397	0.0173	0.0166	908.9090
Total		0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Annual

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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.19448e+007	0.3340	3.0365	2.5507	0.0182		0.2308	0.2308		0.2308	0.2308	0.0000	3,305.6078	3,305.6078	0.0634	0.0606	3,325.2513
Single Family Housing	1.69317e+007	0.0913	0.7802	0.3320	4.9800e-003		0.0631	0.0631		0.0631	0.0631	0.0000	903.5397	903.5397	0.0173	0.0166	908.9090
Total		0.5286	4.7029	3.2840	0.0288		0.3652	0.3652		0.3652	0.3652	0.0000	5,231.3659	5,231.3659	0.1003	0.0959	5,262.4532

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	4.8461e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.0154e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	4.8461e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.0154e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	271.1373	4.8237	312.2706	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.2844	1,638.9112	5,440.1955	3.5506	0.2990	5,618.0632
Unmitigated	271.1373	4.8237	312.2706	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.2844	1,638.9112	5,440.1955	3.5506	0.2990	5,618.0632

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	tons/yr										MT/yr					
Architectural Coating	4.8638					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	34.5504					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	230.9060	4.5093	285.0284	0.5164		39.9637	39.9637		39.9637	39.9637	3,801.2844	1,594.2032	5,395.4876	3.5080	0.2990	5,572.2883
Landscaping	0.8171	0.3144	27.2422	1.4500e-003		0.1517	0.1517		0.1517	0.1517	0.0000	44.7080	44.7080	0.0427	0.0000	45.7748
Total	271.1373	4.8237	312.2706	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.2844	1,638.9112	5,440.1955	3.5506	0.2990	5,618.0632

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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	tons/yr										MT/yr					
Architectural Coating	4.8638					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	34.5504					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	230.9060	4.5093	285.0284	0.5164		39.9637	39.9637		39.9637	39.9637	3,801.284 4	1,594.203 2	5,395.487 6	3.5080	0.2990	5,572.288 3
Landscaping	0.8171	0.3144	27.2422	1.4500e-003		0.1517	0.1517		0.1517	0.1517	0.0000	44.7080	44.7080	0.0427	0.0000	45.7748
Total	271.1373	4.8237	312.2706	0.5178		40.1154	40.1154		40.1154	40.1154	3,801.284 4	1,638.911 2	5,440.195 5	3.5506	0.2990	5,618.063 2

7.0 Water Detail

7.1 Mitigation Measures Water

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	311.5338	31.9975	0.7555	1,336.6197
Unmitigated	311.5338	31.9975	0.7555	1,336.6197

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	49.5675	5.0911	0.1202	212.6670
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	715.378 / 438.458	226.9565	23.3106	0.5504	973.7453
Single Family Housing	83.5275 / 52.6586	26.4994	2.7217	0.0643	113.6943
Total		311.5338	31.9975	0.7555	1,336.6197

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	49.5675	5.0911	0.1202	212.6670
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	715.378 / 438.458	226.9565	23.3106	0.5504	973.7453
Single Family Housing	83.5275 / 52.6586	26.4994	2.7217	0.0643	113.6943
Total		311.5338	31.9975	0.7555	1,336.6197

8.0 Waste Detail

8.1 Mitigation Measures Waste

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,318.150 2	77.9005	0.0000	3,265.661 4
Unmitigated	1,318.150 2	77.9005	0.0000	3,265.661 4

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3743.25	759.8459	44.9056	0.0000	1,882.486 1
Single Family Housing	1503.47	305.1908	18.0363	0.0000	756.0974
Total		1,318.150 2	77.9005	0.0000	3,265.661 4

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3743.25	759.8459	44.9056	0.0000	1,882.4861
Single Family Housing	1503.47	305.1908	18.0363	0.0000	756.0974
Total		1,318.1502	77.9005	0.0000	3,265.6614

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Annual

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

**Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,025.00	1000sqft	92.40	4,025,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,282.00	Dwelling Unit	416.23	2,307,600.00	3667

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	PhaseEndDate	9/7/2023	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936
Energy	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
Mobile	0.0000	0.0000	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	5,859.7971	139.2455	7,272.5967	12.7690	0.0000	978.4106	978.4106	0.0000	978.4106	978.4106	102,199.9691	75,006.5292	177,206.4983	95.4419	8.6181	182,160.7374

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	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936
Energy	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
Mobile	0.0000	0.0000	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	5,859.7971	139.2455	7,272.5967	12.7690	0.0000	978.4106	978.4106	0.0000	978.4106	978.4106	102,199.9691	75,006.5292	177,206.4983	95.4419	8.6181	182,160.7374

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
NaturalGas Unmitigated	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	169712	1.8302	16.6384	13.9763	0.0998		1.2645	1.2645		1.2645	1.2645		19,966.0758	19,966.0758	0.3827	0.3660	20,084.7242
Single Family Housing	46388.2	0.5003	4.2750	1.8192	0.0273		0.3456	0.3456		0.3456	0.3456		5,457.4358	5,457.4358	0.1046	0.1001	5,489.8666
Total		2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	169.712	1.8302	16.6384	13.9763	0.0998		1.2645	1.2645		1.2645	1.2645		19,966.0758	19,966.0758	0.3827	0.3660	20,084.7242
Single Family Housing	46.3882	0.5003	4.2750	1.8192	0.0273		0.3456	0.3456		0.3456	0.3456		5,457.4358	5,457.4358	0.1046	0.1001	5,489.8666
Total		2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437

6.0 Area Detail

6.1 Mitigation Measures Area

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936
Unmitigated	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936

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	26.6508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	189.3172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5,631.8535	109.9836	6,951.9114	12.5949		974.7243	974.7243		974.7243	974.7243	102,199.9691	42,861.1765	145,061.1456	94.3136	8.0388	149,814.5479
Landscaping	9.0791	3.4928	302.6910	0.0161		1.6851	1.6851		1.6851	1.6851		547.5787	547.5787	0.5227		560.6457
Total	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	26.6508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	189.3172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5,631.8535	109.9836	6,951.9114	12.5949		974.7243	974.7243		974.7243	974.7243	102,199.9691	42,861.1765	145,061.1456	94.3136	8.0388	149,814.5479
Landscaping	9.0791	3.4928	302.6910	0.0161		1.6851	1.6851		1.6851	1.6851		547.5787	547.5787	0.5227		560.6457
Total	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

**Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,025.00	1000sqft	92.40	4,025,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,282.00	Dwelling Unit	416.23	2,307,600.00	3667

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
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tblConstructionPhase	PhaseEndDate	9/7/2023	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936
Energy	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
Mobile	0.0000	0.0000	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	5,859.7971	139.2455	7,272.5967	12.7690	0.0000	978.4106	978.4106	0.0000	978.4106	978.4106	102,199.9691	75,006.5292	177,206.4983	95.4419	8.6181	182,160.7374

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	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936
Energy	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
Mobile	0.0000	0.0000	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	5,859.7971	139.2455	7,272.5967	12.7690	0.0000	978.4106	978.4106	0.0000	978.4106	978.4106	102,199.9691	75,006.5292	177,206.4983	95.4419	8.6181	182,160.7374

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437
NaturalGas Unmitigated	2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	169712	1.8302	16.6384	13.9763	0.0998		1.2645	1.2645		1.2645	1.2645		19,966.0758	19,966.0758	0.3827	0.3660	20,084.7242
Single Family Housing	46388.2	0.5003	4.2750	1.8192	0.0273		0.3456	0.3456		0.3456	0.3456		5,457.4358	5,457.4358	0.1046	0.1001	5,489.8666
Total		2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	169.712	1.8302	16.6384	13.9763	0.0998		1.2645	1.2645		1.2645	1.2645		19,966.0758	19,966.0758	0.3827	0.3660	20,084.7242
Single Family Housing	46.3882	0.5003	4.2750	1.8192	0.0273		0.3456	0.3456		0.3456	0.3456		5,457.4358	5,457.4358	0.1046	0.1001	5,489.8666
Total		2.8965	25.7691	17.9943	0.1580		2.0012	2.0012		2.0012	2.0012		31,597.7740	31,597.7740	0.6056	0.5793	31,785.5437

6.0 Area Detail

6.1 Mitigation Measures Area

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936
Unmitigated	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936

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	26.6508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	189.3172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5,631.8535	109.9836	6,951.9114	12.5949		974.7243	974.7243		974.7243	974.7243	102,199.9691	42,861.1765	145,061.1456	94.3136	8.0388	149,814.5479
Landscaping	9.0791	3.4928	302.6910	0.0161		1.6851	1.6851		1.6851	1.6851		547.5787	547.5787	0.5227		560.6457
Total	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936

Former FCI Lands in Eastern Alpine Alternative - Very Low A - 2050 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	26.6508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	189.3172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5,631.8535	109.9836	6,951.9114	12.5949		974.7243	974.7243		974.7243	974.7243	102,199.9691	42,861.1765	145,061.1456	94.3136	8.0388	149,814.5479
Landscaping	9.0791	3.4928	302.6910	0.0161		1.6851	1.6851		1.6851	1.6851		547.5787	547.5787	0.5227		560.6457
Total	5,856.9006	113.4764	7,254.6024	12.6110		976.4094	976.4094		976.4094	976.4094	102,199.9691	43,408.7552	145,608.7243	94.8363	8.0388	150,375.1936

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

**Former FCI Lands in Alpine Alternative - Very Low B - 2030
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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,056.00	1000sqft	24.24	1,056,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	38.00	Dwelling Unit	2.38	38,000.00	109
Single Family Housing	932.00	Dwelling Unit	302.60	1,677,600.00	2666

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	400.00	0.00
tblConstructionPhase	PhaseEndDate	7/14/2022	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

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tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	tons/yr										MT/yr					
Area	73.9739	1.2715	82.3238	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9971	1,433.9660	0.9359	0.0788	1,480.8500
Energy	0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	4,693.5175	4,693.5175	0.1556	0.0582	4,714.7505
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	453.9812	0.0000	453.9812	26.8295	0.0000	1,124.7191
Water						0.0000	0.0000		0.0000	0.0000	88.1050	778.9616	867.0666	9.0807	0.2209	1,159.9223
Total	74.1358	2.7069	83.2890	0.1453	0.0000	10.6858	10.6858	0.0000	10.6858	10.6858	1,544.0551	5,904.4762	7,448.5313	37.0017	0.3579	8,480.2419

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	73.9739	1.2715	82.3238	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9971	1,433.9660	0.9359	0.0788	1,480.8500
Energy	0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	4,693.5175	4,693.5175	0.1556	0.0582	4,714.7505
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	453.9812	0.0000	453.9812	26.8295	0.0000	1,124.7191
Water						0.0000	0.0000		0.0000	0.0000	88.1050	778.9616	867.0666	9.0807	0.2209	1,159.9223
Total	74.1358	2.7069	83.2890	0.1453	0.0000	10.6858	10.6858	0.0000	10.6858	10.6858	1,544.0551	5,904.4762	7,448.5313	37.0017	0.3579	8,480.2419

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,090.6294	3,090.6294	0.1249	0.0288	3,102.3372
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,090.6294	3,090.6294	0.1249	0.0288	3,102.3372
NaturalGas Mitigated	0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133
NaturalGas Unmitigated	0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

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	tons/yr										MT/yr					
Apartments Low Rise	284672	1.5300e-003	0.0131	5.5800e-003	8.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	15.1912	15.1912	2.9000e-004	2.8000e-004	15.2815
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	1.62518e+007	0.0876	0.7967	0.6692	4.7800e-003		0.0606	0.0606		0.0606	0.0606	0.0000	867.2601	867.2601	0.0166	0.0159	872.4138
Single Family Housing	1.23092e+007	0.0664	0.5672	0.2414	3.6200e-003		0.0459	0.0459		0.0459	0.0459	0.0000	656.8635	656.8635	0.0126	0.0120	660.7669
Total		0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

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	tons/yr										MT/yr					
Apartments Low Rise	284672	1.5300e-003	0.0131	5.5800e-003	8.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	15.1912	15.1912	2.9000e-004	2.8000e-004	15.2815
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	1.62518e+007	0.0876	0.7967	0.6692	4.7800e-003		0.0606	0.0606		0.0606	0.0606	0.0000	867.2601	867.2601	0.0166	0.0159	872.4138
Single Family Housing	1.23092e+007	0.0664	0.5672	0.2414	3.6200e-003		0.0459	0.0459		0.0459	0.0459	0.0000	656.8635	656.8635	0.0126	0.0120	660.7669
Total		0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	156017	22.7725	9.2000e-004	2.1000e-004	22.8588
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	1.27142e+007	1,855.7894	0.0750	0.0173	1,862.8195
Single Family Housing	7.38182e+006	1,077.4618	0.0435	0.0101	1,081.5434
Total		3,090.6294	0.1249	0.0288	3,102.3372

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	156017	22.7725	9.2000e-004	2.1000e-004	22.8588
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	1.27142e+007	1,855.7894	0.0750	0.0173	1,862.8195
Single Family Housing	7.38182e+006	1,077.4618	0.0435	0.0101	1,081.5434
Total		3,090.6294	0.1249	0.0288	3,102.3372

6.0 Area Detail

6.1 Mitigation Measures Area

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	73.9739	1.2715	82.3238	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9971	1,433.9660	0.9359	0.0788	1,480.8500
Unmitigated	73.9739	1.2715	82.3238	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9971	1,433.9660	0.9359	0.0788	1,480.8500

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	tons/yr										MT/yr					
Architectural Coating	1.6167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.2775					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	60.8638	1.1886	75.1298	0.1361		10.5339	10.5339		10.5339	10.5339	1,001.9690	420.2112	1,422.1802	0.9247	0.0788	1,468.7825
Landscaping	0.2158	0.0829	7.1940	3.8000e-004		0.0400	0.0400		0.0400	0.0400	0.0000	11.7859	11.7859	0.0113	0.0000	12.0675
Total	73.9739	1.2715	82.3238	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9970	1,433.9660	0.9359	0.0788	1,480.8500

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

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	tons/yr										MT/yr					
Architectural Coating	1.6167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.2775					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	60.8638	1.1886	75.1298	0.1361		10.5339	10.5339		10.5339	10.5339	1,001.9690	420.2112	1,422.1802	0.9247	0.0788	1,468.7825
Landscaping	0.2158	0.0829	7.1940	3.8000e-004		0.0400	0.0400		0.0400	0.0400	0.0000	11.7859	11.7859	0.0113	0.0000	12.0675
Total	73.9739	1.2715	82.3238	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9970	1,433.9660	0.9359	0.0788	1,480.8500

7.0 Water Detail

7.1 Mitigation Measures Water

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	867.0666	9.0807	0.2209	1,159.9223
Unmitigated	867.0666	9.0807	0.2209	1,159.9223

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	2.47585 / 1.56086	8.0221	0.0810	1.9700e-003	10.6341
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	187.687 / 115.034	602.7979	6.1377	0.1495	800.7836
Single Family Housing	60.7236 / 38.2822	196.7535	1.9859	0.0484	260.8157
Total		867.0666	9.0807	0.2209	1,159.9223

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	2.47585 / 1.56086	8.0221	0.0810	1.9700e-003	10.6341
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	187.687 / 115.034	602.7979	6.1377	0.1495	800.7836
Single Family Housing	60.7236 / 38.2822	196.7535	1.9859	0.0484	260.8157
Total		867.0666	9.0807	0.2209	1,159.9223

8.0 Waste Detail

8.1 Mitigation Measures Waste

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	453.9812	26.8295	0.0000	1,124.719 1
Unmitigated	453.9812	26.8295	0.0000	1,124.719 1

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	17.48	3.5483	0.2097	0.0000	8.7907
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	982.08	199.3534	11.7815	0.0000	493.8895
Single Family Housing	1093.06	221.8813	13.1128	0.0000	549.7015
Total		453.9812	26.8295	0.0000	1,124.719 1

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	17.48	3.5483	0.2097	0.0000	8.7907
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	982.08	199.3534	11.7815	0.0000	493.8895
Single Family Housing	1093.06	221.8813	13.1128	0.0000	549.7015
Total		453.9812	26.8295	0.0000	1,124.7191

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Annual

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

**Former FCI Lands in Alpine Alternative - Very Low B - 2030
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,056.00	1000sqft	24.24	1,056,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	38.00	Dwelling Unit	2.38	38,000.00	109
Single Family Housing	932.00	Dwelling Unit	302.60	1,677,600.00	2666

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	321.79	CH4 Intensity (lb/MW hr)	0.013	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	400.00	0.00
tblConstructionPhase	PhaseEndDate	7/14/2022	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617
Energy	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
Mobile	0.0000	0.0000	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	1,558.4222	37.7764	1,917.6557	3.3725	0.0000	257.9820	257.9820	0.0000	257.9820	257.9820	26,938.5788	21,123.5430	48,062.1218	25.1834	2.2964	49,376.0380

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	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617
Energy	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
Mobile	0.0000	0.0000	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	1,558.4222	37.7764	1,917.6557	3.3725	0.0000	257.9820	257.9820	0.0000	257.9820	257.9820	26,938.5788	21,123.5430	48,062.1218	25.1834	2.2964	49,376.0380

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
NaturalGas Unmitigated	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	779.924	8.4100e-003	0.0719	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003		91.7558	91.7558	1.7600e-003	1.6800e-003	92.3011
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	44525.6	0.4802	4.3653	3.6668	0.0262		0.3318	0.3318		0.3318	0.3318		5,238.3046	5,238.3046	0.1004	0.0960	5,269.4332
Single Family Housing	33723.7	0.3637	3.1079	1.3225	0.0198		0.2513	0.2513		0.2513	0.2513		3,967.4962	3,967.4962	0.0760	0.0727	3,991.0731
Total		0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

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					
Apartments Low Rise	0.779924	8.4100e-003	0.0719	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003		91.7558	91.7558	1.7600e-003	1.6800e-003	92.3011
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	44.5256	0.4802	4.3653	3.6668	0.0262		0.3318	0.3318		0.3318	0.3318		5,238.3046	5,238.3046	0.1004	0.0960	5,269.4332
Single Family Housing	33.7237	0.3637	3.1079	1.3225	0.0198		0.2513	0.2513		0.2513	0.2513		3,967.4962	3,967.4962	0.0760	0.0727	3,991.0731
Total		0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

6.0 Area Detail

6.1 Mitigation Measures Area

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617
Unmitigated	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617

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	8.8587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.7946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,484.4831	28.9902	1,832.4332	3.3199		256.9246	256.9246		256.9246	256.9246	26,938.5788	11,297.6471	38,236.2259	24.8598	2.1189	39,489.1607
Landscaping	2.3982	0.9212	79.9338	4.2300e-003		0.4442	0.4442		0.4442	0.4442		144.3522	144.3522	0.1380		147.8009
Total	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	8.8587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.7946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,484.4831	28.9902	1,832.4332	3.3199		256.9246	256.9246		256.9246	256.9246	26,938.5788	11,297.6471	38,236.2259	24.8598	2.1189	39,489.1607
Landscaping	2.3982	0.9212	79.9338	4.2300e-003		0.4442	0.4442		0.4442	0.4442		144.3522	144.3522	0.1380		147.8009
Total	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Winter

**Former FCI Lands in Alpine Alternative - Very Low B - 2030
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,056.00	1000sqft	24.24	1,056,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	38.00	Dwelling Unit	2.38	38,000.00	109
Single Family Housing	932.00	Dwelling Unit	302.60	1,677,600.00	2666

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Winter

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	400.00	0.00
tblConstructionPhase	PhaseEndDate	7/14/2022	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Winter

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617
Energy	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
Mobile	0.0000	0.0000	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	1,558.4222	37.7764	1,917.6557	3.3725	0.0000	257.9820	257.9820	0.0000	257.9820	257.9820	26,938.5788	21,123.5430	48,062.1218	25.1834	2.2964	49,376.0380

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	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617
Energy	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
Mobile	0.0000	0.0000	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	1,558.4222	37.7764	1,917.6557	3.3725	0.0000	257.9820	257.9820	0.0000	257.9820	257.9820	26,938.5788	21,123.5430	48,062.1218	25.1834	2.2964	49,376.0380

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Former FCI Lands in Alpine Alternative - Very Low B - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
NaturalGas Unmitigated	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	779.924	8.4100e-003	0.0719	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003		91.7558	91.7558	1.7600e-003	1.6800e-003	92.3011
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	44525.6	0.4802	4.3653	3.6668	0.0262		0.3318	0.3318		0.3318	0.3318		5,238.3046	5,238.3046	0.1004	0.0960	5,269.4332
Single Family Housing	33723.7	0.3637	3.1079	1.3225	0.0198		0.2513	0.2513		0.2513	0.2513		3,967.4962	3,967.4962	0.0760	0.0727	3,991.0731
Total		0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

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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					
Apartments Low Rise	0.779924	8.4100e-003	0.0719	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003		91.7558	91.7558	1.7600e-003	1.6800e-003	92.3011
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	44.5256	0.4802	4.3653	3.6668	0.0262		0.3318	0.3318		0.3318	0.3318		5,238.3046	5,238.3046	0.1004	0.0960	5,269.4332
Single Family Housing	33.7237	0.3637	3.1079	1.3225	0.0198		0.2513	0.2513		0.2513	0.2513		3,967.4962	3,967.4962	0.0760	0.0727	3,991.0731
Total		0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617
Unmitigated	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617

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	8.8587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.7946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,484.4831	28.9902	1,832.4332	3.3199		256.9246	256.9246		256.9246	256.9246	26,938.5788	11,297.6471	38,236.2259	24.8598	2.1189	39,489.1607
Landscaping	2.3982	0.9212	79.9338	4.2300e-003		0.4442	0.4442		0.4442	0.4442		144.3522	144.3522	0.1380		147.8009
Total	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	8.8587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.7946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,484.4831	28.9902	1,832.4332	3.3199		256.9246	256.9246		256.9246	256.9246	26,938.5788	11,297.6471	38,236.2259	24.8598	2.1189	39,489.1607
Landscaping	2.3982	0.9212	79.9338	4.2300e-003		0.4442	0.4442		0.4442	0.4442		144.3522	144.3522	0.1380		147.8009
Total	1,557.5347	29.9114	1,912.3670	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9978	2.1189	39,636.9617

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

**Former FCI Lands in Alpine Alternative - Very Low B - 2050
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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,056.00	1000sqft	24.24	1,056,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	38.00	Dwelling Unit	2.38	38,000.00	109
Single Family Housing	932.00	Dwelling Unit	302.60	1,677,600.00	2666

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	400.00	0.00
tblConstructionPhase	PhaseEndDate	7/14/2022	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

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tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	tons/yr										MT/yr					
Area	73.9735	1.2715	82.3112	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9971	1,433.9660	0.9359	0.0788	1,480.8497
Energy	0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	453.9812	0.0000	453.9812	26.8295	0.0000	1,124.7191
Water						0.0000	0.0000		0.0000	0.0000	88.1050	0.0000	88.1050	9.0492	0.2137	378.0098
Total	74.1355	2.7068	83.2764	0.1453	0.0000	10.6858	10.6858	0.0000	10.6858	10.6858	1,544.0551	2,034.8852	3,578.9403	36.8454	0.3219	4,595.9919

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	73.9735	1.2715	82.3112	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9971	1,433.9660	0.9359	0.0788	1,480.8497
Energy	0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	453.9812	0.0000	453.9812	26.8295	0.0000	1,124.7191
Water						0.0000	0.0000		0.0000	0.0000	88.1050	0.0000	88.1050	9.0492	0.2137	378.0098
Total	74.1355	2.7068	83.2764	0.1453	0.0000	10.6858	10.6858	0.0000	10.6858	10.6858	1,544.0551	2,034.8852	3,578.9403	36.8454	0.3219	4,595.9919

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133
NaturalGas Unmitigated	0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133

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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	tons/yr										MT/yr					
Apartments Low Rise	284672	1.5300e-003	0.0131	5.5800e-003	8.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	15.1912	15.1912	2.9000e-004	2.8000e-004	15.2815
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	1.62518e+007	0.0876	0.7967	0.6692	4.7800e-003		0.0606	0.0606		0.0606	0.0606	0.0000	867.2601	867.2601	0.0166	0.0159	872.4138
Single Family Housing	1.23092e+007	0.0664	0.5672	0.2414	3.6200e-003		0.0459	0.0459		0.0459	0.0459	0.0000	656.8635	656.8635	0.0126	0.0120	660.7669
Total		0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133

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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	tons/yr										MT/yr					
Apartments Low Rise	284672	1.5300e-003	0.0131	5.5800e-003	8.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	15.1912	15.1912	2.9000e-004	2.8000e-004	15.2815
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	1.62518e+007	0.0876	0.7967	0.6692	4.7800e-003		0.0606	0.0606		0.0606	0.0606	0.0000	867.2601	867.2601	0.0166	0.0159	872.4138
Single Family Housing	1.23092e+007	0.0664	0.5672	0.2414	3.6200e-003		0.0459	0.0459		0.0459	0.0459	0.0000	656.8635	656.8635	0.0126	0.0120	660.7669
Total		0.1620	1.4354	0.9652	8.8300e-003		0.1119	0.1119		0.1119	0.1119	0.0000	1,602.8881	1,602.8881	0.0307	0.0294	1,612.4133

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	156017	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	1.27142e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	7.38182e+006	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	156017	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	1.27142e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	7.38182e+006	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	73.9735	1.2715	82.3112	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9971	1,433.9660	0.9359	0.0788	1,480.8497
Unmitigated	73.9735	1.2715	82.3112	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9971	1,433.9660	0.9359	0.0788	1,480.8497

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	tons/yr										MT/yr					
Architectural Coating	1.6167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.2775					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	60.8638	1.1886	75.1298	0.1361		10.5339	10.5339		10.5339	10.5339	1,001.9690	420.2112	1,422.1802	0.9247	0.0788	1,468.7825
Landscaping	0.2155	0.0829	7.1814	3.8000e-004		0.0400	0.0400		0.0400	0.0400	0.0000	11.7859	11.7859	0.0113	0.0000	12.0672
Total	73.9735	1.2715	82.3112	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9970	1,433.9660	0.9359	0.0788	1,480.8497

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

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	tons/yr										MT/yr					
Architectural Coating	1.6167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.2775					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	60.8638	1.1886	75.1298	0.1361		10.5339	10.5339		10.5339	10.5339	1,001.9690	420.2112	1,422.1802	0.9247	0.0788	1,468.7825
Landscaping	0.2155	0.0829	7.1814	3.8000e-004		0.0400	0.0400		0.0400	0.0400	0.0000	11.7859	11.7859	0.0113	0.0000	12.0672
Total	73.9735	1.2715	82.3112	0.1365		10.5739	10.5739		10.5739	10.5739	1,001.9690	431.9970	1,433.9660	0.9359	0.0788	1,480.8497

7.0 Water Detail

7.1 Mitigation Measures Water

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	88.1050	9.0492	0.2137	378.0098
Unmitigated	88.1050	9.0492	0.2137	378.0098

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	2.47585 / 1.56086	0.7855	0.0807	1.9000e-003	3.3700
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	187.687 / 115.034	59.5444	6.1158	0.1444	255.4721
Single Family Housing	60.7236 / 38.2822	19.2648	1.9787	0.0467	82.6546
Total		88.1050	9.0492	0.2137	378.0098

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	2.47585 / 1.56086	0.7855	0.0807	1.9000e-003	3.3700
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	187.687 / 115.034	59.5444	6.1158	0.1444	255.4721
Single Family Housing	60.7236 / 38.2822	19.2648	1.9787	0.0467	82.6546
Total		88.1050	9.0492	0.2137	378.0098

8.0 Waste Detail

8.1 Mitigation Measures Waste

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	453.9812	26.8295	0.0000	1,124.719 1
Unmitigated	453.9812	26.8295	0.0000	1,124.719 1

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	17.48	3.5483	0.2097	0.0000	8.7907
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	982.08	199.3534	11.7815	0.0000	493.8895
Single Family Housing	1093.06	221.8813	13.1128	0.0000	549.7015
Total		453.9812	26.8295	0.0000	1,124.719 1

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	17.48	3.5483	0.2097	0.0000	8.7907
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	982.08	199.3534	11.7815	0.0000	493.8895
Single Family Housing	1093.06	221.8813	13.1128	0.0000	549.7015
Total		453.9812	26.8295	0.0000	1,124.7191

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Annual

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

**Former FCI Lands in Alpine Alternative - Very Low B - 2050
San Diego County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,056.00	1000sqft	24.24	1,056,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	38.00	Dwelling Unit	2.38	38,000.00	109
Single Family Housing	932.00	Dwelling Unit	302.60	1,677,600.00	2666

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	400.00	0.00
tblConstructionPhase	PhaseEndDate	7/14/2022	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1,557.5304	29.9110	1,912.2267	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9977	2.1189	39,636.9584
Energy	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
Mobile	0.0000	0.0000	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	1,558.4178	37.7760	1,917.5154	3.3725	0.0000	257.9820	257.9820	0.0000	257.9820	257.9820	26,938.5788	21,123.5430	48,062.1218	25.1832	2.2964	49,376.0347

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	1,557.5304	29.9110	1,912.2267	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9977	2.1189	39,636.9584
Energy	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
Mobile	0.0000	0.0000	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	1,558.4178	37.7760	1,917.5154	3.3725	0.0000	257.9820	257.9820	0.0000	257.9820	257.9820	26,938.5788	21,123.5430	48,062.1218	25.1832	2.2964	49,376.0347

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
NaturalGas Unmitigated	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	779.924	8.4100e-003	0.0719	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003		91.7558	91.7558	1.7600e-003	1.6800e-003	92.3011
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	44525.6	0.4802	4.3653	3.6668	0.0262		0.3318	0.3318		0.3318	0.3318		5,238.3046	5,238.3046	0.1004	0.0960	5,269.4332
Single Family Housing	33723.7	0.3637	3.1079	1.3225	0.0198		0.2513	0.2513		0.2513	0.2513		3,967.4962	3,967.4962	0.0760	0.0727	3,991.0731
Total		0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

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					
Apartments Low Rise	0.779924	8.4100e-003	0.0719	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003		91.7558	91.7558	1.7600e-003	1.6800e-003	92.3011
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	44.5256	0.4802	4.3653	3.6668	0.0262		0.3318	0.3318		0.3318	0.3318		5,238.3046	5,238.3046	0.1004	0.0960	5,269.4332
Single Family Housing	33.7237	0.3637	3.1079	1.3225	0.0198		0.2513	0.2513		0.2513	0.2513		3,967.4962	3,967.4962	0.0760	0.0727	3,991.0731
Total		0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

6.0 Area Detail

6.1 Mitigation Measures Area

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1,557.530 4	29.9110	1,912.226 7	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.57 88	11,441.999 3	38,380.57 81	24.9977	2.1189	39,636.95 84
Unmitigated	1,557.530 4	29.9110	1,912.226 7	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.57 88	11,441.999 3	38,380.57 81	24.9977	2.1189	39,636.95 84

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	8.8587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.7946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,484.483 1	28.9902	1,832.433 2	3.3199		256.9246	256.9246		256.9246	256.9246	26,938.57 88	11,297.647 1	38,236.22 59	24.8598	2.1189	39,489.16 07
Landscaping	2.3939	0.9207	79.7936	4.2300e-003		0.4442	0.4442		0.4442	0.4442		144.3522	144.3522	0.1378		147.7976
Total	1,557.530 4	29.9110	1,912.226 7	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.57 88	11,441.99 93	38,380.57 81	24.9977	2.1189	39,636.95 84

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	8.8587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.7946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,484.483 1	28.9902	1,832.433 2	3.3199		256.9246	256.9246		256.9246	256.9246	26,938.57 88	11,297.647 1	38,236.22 59	24.8598	2.1189	39,489.16 07
Landscaping	2.3939	0.9207	79.7936	4.2300e- 003		0.4442	0.4442		0.4442	0.4442		144.3522	144.3522	0.1378		147.7976
Total	1,557.530 4	29.9110	1,912.226 7	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.57 88	11,441.99 93	38,380.57 81	24.9977	2.1189	39,636.95 84

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

**Former FCI Lands in Alpine Alternative - Very Low B - 2050
San Diego County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,056.00	1000sqft	24.24	1,056,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	38.00	Dwelling Unit	2.38	38,000.00	109
Single Family Housing	932.00	Dwelling Unit	302.60	1,677,600.00	2666

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

Project Characteristics - Operational model only

SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	400.00	0.00
tblConstructionPhase	PhaseEndDate	7/14/2022	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1,557.5304	29.9110	1,912.2267	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9977	2.1189	39,636.9584
Energy	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
Mobile	0.0000	0.0000	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	1,558.4178	37.7760	1,917.5154	3.3725	0.0000	257.9820	257.9820	0.0000	257.9820	257.9820	26,938.5788	21,123.5430	48,062.1218	25.1832	2.2964	49,376.0347

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	1,557.5304	29.9110	1,912.2267	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9977	2.1189	39,636.9584
Energy	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
Mobile	0.0000	0.0000	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	1,558.4178	37.7760	1,917.5154	3.3725	0.0000	257.9820	257.9820	0.0000	257.9820	257.9820	26,938.5788	21,123.5430	48,062.1218	25.1832	2.2964	49,376.0347

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763
NaturalGas Unmitigated	0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	779.924	8.4100e-003	0.0719	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003		91.7558	91.7558	1.7600e-003	1.6800e-003	92.3011
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	44525.6	0.4802	4.3653	3.6668	0.0262		0.3318	0.3318		0.3318	0.3318		5,238.3046	5,238.3046	0.1004	0.0960	5,269.4332
Single Family Housing	33723.7	0.3637	3.1079	1.3225	0.0198		0.2513	0.2513		0.2513	0.2513		3,967.4962	3,967.4962	0.0760	0.0727	3,991.0731
Total		0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

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					
Apartments Low Rise	0.779924	8.4100e-003	0.0719	0.0306	4.6000e-004		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003		91.7558	91.7558	1.7600e-003	1.6800e-003	92.3011
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	44.5256	0.4802	4.3653	3.6668	0.0262		0.3318	0.3318		0.3318	0.3318		5,238.3046	5,238.3046	0.1004	0.0960	5,269.4332
Single Family Housing	33.7237	0.3637	3.1079	1.3225	0.0198		0.2513	0.2513		0.2513	0.2513		3,967.4962	3,967.4962	0.0760	0.0727	3,991.0731
Total		0.8875	7.8650	5.2887	0.0484		0.6132	0.6132		0.6132	0.6132		9,681.5437	9,681.5437	0.1856	0.1775	9,739.0763

6.0 Area Detail

6.1 Mitigation Measures Area

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1,557.5304	29.9110	1,912.2267	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9977	2.1189	39,636.9584
Unmitigated	1,557.5304	29.9110	1,912.2267	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9977	2.1189	39,636.9584

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	8.8587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.7946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,484.4831	28.9902	1,832.4332	3.3199		256.9246	256.9246		256.9246	256.9246	26,938.5788	11,297.6471	38,236.2259	24.8598	2.1189	39,489.1607
Landscaping	2.3939	0.9207	79.7936	4.2300e-003		0.4442	0.4442		0.4442	0.4442		144.3522	144.3522	0.1378		147.7976
Total	1,557.5304	29.9110	1,912.2267	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.5788	11,441.9993	38,380.5781	24.9977	2.1189	39,636.9584

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	8.8587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.7946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,484.483 1	28.9902	1,832.433 2	3.3199		256.9246	256.9246		256.9246	256.9246	26,938.57 88	11,297.647 1	38,236.22 59	24.8598	2.1189	39,489.16 07
Landscaping	2.3939	0.9207	79.7936	4.2300e- 003		0.4442	0.4442		0.4442	0.4442		144.3522	144.3522	0.1378		147.7976
Total	1,557.530 4	29.9110	1,912.226 7	3.3241		257.3688	257.3688		257.3688	257.3688	26,938.57 88	11,441.99 93	38,380.57 81	24.9977	2.1189	39,636.95 84

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Former FCI Lands in Alpine Alternative - Very Low B - 2050 - San Diego County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - Low - 2030 - San Diego County, Annual

Alpine Alternative - Low - 2030
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,636.00	Dwelling Unit	531.17	2,944,800.00	4679

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Low - 2030 - San Diego County, Annual

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	800.00	0.00
tblConstructionPhase	PhaseEndDate	1/25/2024	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

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tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	tons/yr										MT/yr					
Area	296.9415	5.2879	342.3598	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4927
Energy	0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	16,386.0576	16,386.0576	0.5431	0.2032	16,460.1915
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,429.3710	0.0000	1,429.3710	84.4734	0.0000	3,541.2062
Water						0.0000	0.0000		0.0000	0.0000	326.9144	2,963.4172	3,290.3316	33.6970	0.8205	4,377.2526
Total	297.5072	10.3140	345.8260	0.5985	0.0000	44.3651	44.3651	0.0000	44.3651	44.3651	5,923.2368	21,146.0375	27,069.2743	122.6057	1.3514	30,537.1429

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	296.9415	5.2879	342.3598	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4927
Energy	0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	16,386.0576	16,386.0576	0.5431	0.2032	16,460.1915
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,429.3710	0.0000	1,429.3710	84.4734	0.0000	3,541.2062
Water						0.0000	0.0000		0.0000	0.0000	326.9144	2,963.4172	3,290.3316	33.6970	0.8205	4,377.2526
Total	297.5072	10.3140	345.8260	0.5985	0.0000	44.3651	44.3651	0.0000	44.3651	44.3651	5,923.2368	21,146.0375	27,069.2743	122.6057	1.3514	30,537.1429

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Alpine Alternative - Low - 2030 - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	10,787.7549	10,787.7549	0.4358	0.1006	10,828.6209
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	10,787.7549	10,787.7549	0.4358	0.1006	10,828.6209
NaturalGas Mitigated	0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1026	5,631.5706
NaturalGas Unmitigated	0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1026	5,631.5706

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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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.41455e+007	0.3459	3.1444	2.6413	0.0189		0.2390	0.2390		0.2390	0.2390	0.0000	3,423.0492	3,423.0492	0.0656	0.0628	3,443.3907
Single Family Housing	2.16071e+007	0.1165	0.9956	0.4237	6.3600e-003		0.0805	0.0805		0.0805	0.0805	0.0000	1,153.0351	1,153.0351	0.0221	0.0211	1,159.8870
Total		0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1027	5,631.5706

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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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.41455e+007	0.3459	3.1444	2.6413	0.0189		0.2390	0.2390		0.2390	0.2390	0.0000	3,423.0492	3,423.0492	0.0656	0.0628	3,443.3907
Single Family Housing	2.16071e+007	0.1165	0.9956	0.4237	6.3600e-003		0.0805	0.0805		0.0805	0.0805	0.0000	1,153.0351	1,153.0351	0.0221	0.0211	1,159.8870
Total		0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1027	5,631.5706

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	1,437.0663	0.0581	0.0134	1,442.5101
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	5.01827e+007	7,324.7445	0.2959	0.0683	7,352.4920
Single Family Housing	1.29578e+007	1,891.3384	0.0764	0.0176	1,898.5032
Total		10,787.7549	0.4358	0.1006	10,828.6209

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	1,437.0663	0.0581	0.0134	1,442.5101
General Light Industry	922200	134.6057	5.4400e-003	1.2500e-003	135.1156
General Office Building	5.01827e+007	7,324.7445	0.2959	0.0683	7,352.4920
Single Family Housing	1.29578e+007	1,891.3384	0.0764	0.0176	1,898.5032
Total		10,787.7549	0.4358	0.1006	10,828.6209

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	296.9415	5.2879	342.3598	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4927
Unmitigated	296.9415	5.2879	342.3598	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4927

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	tons/yr										MT/yr					
Architectural Coating	5.3288					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	37.5975					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	253.1181	4.9431	312.4469	0.5661		43.8080	43.8080		43.8080	43.8080	4,166.9514	1,747.5586	5,914.5100	3.8454	0.3278	6,108.3183
Landscaping	0.8971	0.3447	29.9129	1.5800e-003		0.1663	0.1663		0.1663	0.1663	0.0000	49.0041	49.0041	0.0468	0.0000	50.1744
Total	296.9415	5.2879	342.3598	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4927

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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	tons/yr										MT/yr					
Architectural Coating	5.3288					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	37.5975					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	253.1181	4.9431	312.4469	0.5661		43.8080	43.8080		43.8080	43.8080	4,166.9514	1,747.5586	5,914.5100	3.8454	0.3278	6,108.3183
Landscaping	0.8971	0.3447	29.9129	1.5800e-003		0.1663	0.1663		0.1663	0.1663	0.0000	49.0041	49.0041	0.0468	0.0000	50.1744
Total	296.9415	5.2879	342.3598	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4927

7.0 Water Detail

7.1 Mitigation Measures Water

Alpine Alternative - Low - 2030 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,290.3316	33.6970	0.8205	4,377.2526
Unmitigated	3,290.3316	33.6970	0.8205	4,377.2526

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	506.2392	5.1095	0.1245	671.0686
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	740.794 / 454.035	2,379.2252	24.2254	0.5900	3,160.6685
Single Family Housing	106.592 / 67.1993	345.3742	3.4859	0.0849	457.8266
Total		3,290.3316	33.6970	0.8205	4,377.2526

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	506.2392	5.1095	0.1245	671.0686
General Light Industry	26.825 / 0	59.4930	0.8762	0.0211	87.6889
General Office Building	740.794 / 454.035	2,379.2252	24.2254	0.5900	3,160.6685
Single Family Housing	106.592 / 67.1993	345.3742	3.4859	0.0849	457.8266
Total		3,290.3316	33.6970	0.8205	4,377.2526

8.0 Waste Detail

8.1 Mitigation Measures Waste

Alpine Alternative - Low - 2030 - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,429.371 0	84.4734	0.0000	3,541.206 2
Unmitigated	1,429.371 0	84.4734	0.0000	3,541.206 2

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3876.24	786.8417	46.5010	0.0000	1,949.367 0
Single Family Housing	1918.39	389.4158	23.0138	0.0000	964.7612
Total		1,429.371 0	84.4734	0.0000	3,541.206 2

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3876.24	786.8417	46.5010	0.0000	1,949.3670
Single Family Housing	1918.39	389.4158	23.0138	0.0000	964.7612
Total		1,429.3710	84.4734	0.0000	3,541.2062

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Alpine Alternative - Low - 2030 - San Diego County, Annual

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - Low - 2030 - San Diego County, Summer

Alpine Alternative - Low - 2030
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,636.00	Dwelling Unit	531.17	2,944,800.00	4679

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	321.79	CH4 Intensity (lb/MW hr)	0.013	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Low - 2030 - San Diego County, Summer

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	800.00	0.00
tblConstructionPhase	PhaseEndDate	1/25/2024	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Alpine Alternative - Low - 2030 - San Diego County, Summer

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Alpine Alternative - Low - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - Low - 2030 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877
Energy	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
Mobile	0.0000	0.0000	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	6,421.8932	151.9347	7,972.0140	13.9932	0.0000	1,072.4772	1,072.4772	0.0000	1,072.4772	1,072.4772	112,031.1618	81,398.5280	193,429.6898	104.6076	9.4320	198,855.6231

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877
Energy	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
Mobile	0.0000	0.0000	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	6,421.8932	151.9347	7,972.0140	13.9932	0.0000	1,072.4772	1,072.4772	0.0000	1,072.4772	1,072.4772	112,031.1618	81,398.5280	193,429.6898	104.6076	9.4320	198,855.6231

Alpine Alternative - Low - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - Low - 2030 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - Low - 2030 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Alpine Alternative - Low - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
NaturalGas Unmitigated	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	175741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	59197.4	0.6384	5.4555	2.3215	0.0348		0.4411	0.4411		0.4411	0.4411		6,964.4032	6,964.4032	0.1335	0.1277	7,005.7892
Total		3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

Alpine Alternative - Low - 2030 - San Diego County, Summer

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	175.741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	59.1974	0.6384	5.4555	2.3215	0.0348		0.4411	0.4411		0.4411	0.4411		6,964.4032	6,964.4032	0.1335	0.1277	7,005.7892
Total		3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

6.0 Area Detail

6.1 Mitigation Measures Area

Alpine Alternative - Low - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877
Unmitigated	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877

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	29.1987					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0135					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,173.6133	120.5635	7,620.6550	13.8065		1,068.4885	1,068.4885		1,068.4885	1,068.4885	112,031.1618	46,984.2353	159,015.3971	103.3862	8.8121	164,226.0561
Landscaping	9.9681	3.8305	332.3658	0.0176		1.8472	1.8472		1.8472	1.8472		600.1975	600.1975	0.5734		614.5316
Total	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877

Alpine Alternative - Low - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	29.1987					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0135					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,173.6133	120.5635	7,620.6550	13.8065		1,068.4885	1,068.4885		1,068.4885	1,068.4885	112,031.1618	46,984.2353	159,015.3971	103.3862	8.8121	164,226.0561
Landscaping	9.9681	3.8305	332.3658	0.0176		1.8472	1.8472		1.8472	1.8472		600.1975	600.1975	0.5734		614.5316
Total	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine Alternative - Low - 2030 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - Low - 2030 - San Diego County, Winter

Alpine Alternative - Low - 2030
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
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1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	321.79	CH4 Intensity (lb/MW hr)	0.013	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Low - 2030 - San Diego County, Winter

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

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Alpine Alternative - Low - 2030 - San Diego County, Winter

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tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Alpine Alternative - Low - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - Low - 2030 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877
Energy	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
Mobile	0.0000	0.0000	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	6,421.8932	151.9347	7,972.0140	13.9932	0.0000	1,072.4772	1,072.4772	0.0000	1,072.4772	1,072.4772	112,031.1618	81,398.5280	193,429.6898	104.6076	9.4320	198,855.6231

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877
Energy	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
Mobile	0.0000	0.0000	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	6,421.8932	151.9347	7,972.0140	13.9932	0.0000	1,072.4772	1,072.4772	0.0000	1,072.4772	1,072.4772	112,031.1618	81,398.5280	193,429.6898	104.6076	9.4320	198,855.6231

Alpine Alternative - Low - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - Low - 2030 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - Low - 2030 - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Alpine Alternative - Low - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
NaturalGas Unmitigated	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	175741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	59197.4	0.6384	5.4555	2.3215	0.0348		0.4411	0.4411		0.4411	0.4411		6,964.4032	6,964.4032	0.1335	0.1277	7,005.7892
Total		3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

Alpine Alternative - Low - 2030 - San Diego County, Winter

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	175.741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	59.1974	0.6384	5.4555	2.3215	0.0348		0.4411	0.4411		0.4411	0.4411		6,964.4032	6,964.4032	0.1335	0.1277	7,005.7892
Total		3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

6.0 Area Detail

6.1 Mitigation Measures Area

Alpine Alternative - Low - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877
Unmitigated	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877

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	29.1987					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0135					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,173.6133	120.5635	7,620.6550	13.8065		1,068.4885	1,068.4885		1,068.4885	1,068.4885	112,031.1618	46,984.2353	159,015.3971	103.3862	8.8121	164,226.0561
Landscaping	9.9681	3.8305	332.3658	0.0176		1.8472	1.8472		1.8472	1.8472		600.1975	600.1975	0.5734		614.5316
Total	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877

Alpine Alternative - Low - 2030 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	29.1987					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0135					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,173.6133	120.5635	7,620.6550	13.8065		1,068.4885	1,068.4885		1,068.4885	1,068.4885	112,031.1618	46,984.2353	159,015.3971	103.3862	8.8121	164,226.0561
Landscaping	9.9681	3.8305	332.3658	0.0176		1.8472	1.8472		1.8472	1.8472		600.1975	600.1975	0.5734		614.5316
Total	6,418.7936	124.3940	7,953.0208	13.8241		1,070.3357	1,070.3357		1,070.3357	1,070.3357	112,031.1618	47,584.4328	159,615.5946	103.9595	8.8121	164,840.5877

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine Alternative - Low - 2030 - San Diego County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - Low - 2050 - San Diego County, Annual

Alpine Alternative - Low - 2050
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,636.00	Dwelling Unit	531.17	2,944,800.00	4679

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Low - 2050 - San Diego County, Annual

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	800.00	0.00
tblConstructionPhase	PhaseEndDate	1/25/2024	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

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tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Alpine Alternative - Low - 2050 - San Diego County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	tons/yr										MT/yr					
Area	296.9399	5.2877	342.3073	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4916
Energy	0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1026	5,631.5706
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,429.3710	0.0000	1,429.3710	84.4734	0.0000	3,541.2062
Water						0.0000	0.0000		0.0000	0.0000	326.9144	0.0000	326.9144	33.5773	0.7928	1,402.6094
Total	297.5056	10.3138	345.7736	0.5985	0.0000	44.3651	44.3651	0.0000	44.3651	44.3651	5,923.2368	7,394.8654	13,318.1022	122.0501	1.2232	16,733.8778

Alpine Alternative - Low - 2050 - San Diego County, Annual

2.2 Overall Operational

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	tons/yr										MT/yr					
Area	296.9399	5.2877	342.3073	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4916
Energy	0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1026	5,631.5706
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,429.3710	0.0000	1,429.3710	84.4734	0.0000	3,541.2062
Water						0.0000	0.0000		0.0000	0.0000	326.9144	0.0000	326.9144	33.5773	0.7928	1,402.6094
Total	297.5056	10.3138	345.7736	0.5985	0.0000	44.3651	44.3651	0.0000	44.3651	44.3651	5,923.2368	7,394.8654	13,318.1022	122.0501	1.2232	16,733.8778

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Alpine Alternative - Low - 2050 - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Alpine Alternative - Low - 2050 - San Diego County, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1026	5,631.5706
NaturalGas Unmitigated	0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1026	5,631.5706

Alpine Alternative - Low - 2050 - San Diego County, Annual

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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.41455e+007	0.3459	3.1444	2.6413	0.0189		0.2390	0.2390		0.2390	0.2390	0.0000	3,423.0492	3,423.0492	0.0656	0.0628	3,443.3907
Single Family Housing	2.16071e+007	0.1165	0.9956	0.4237	6.3600e-003		0.0805	0.0805		0.0805	0.0805	0.0000	1,153.0351	1,153.0351	0.0221	0.0211	1,159.8870
Total		0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1027	5,631.5706

Alpine Alternative - Low - 2050 - San Diego County, Annual

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	tons/yr										MT/yr					
Apartments Low Rise	1.79643e+007	0.0969	0.8278	0.3522	5.2800e-003		0.0669	0.0669		0.0669	0.0669	0.0000	958.6450	958.6450	0.0184	0.0176	964.3418
General Light Industry	1.19132e+006	6.4200e-003	0.0584	0.0491	3.5000e-004		4.4400e-003	4.4400e-003		4.4400e-003	4.4400e-003	0.0000	63.5734	63.5734	1.2200e-003	1.1700e-003	63.9512
General Office Building	6.41455e+007	0.3459	3.1444	2.6413	0.0189		0.2390	0.2390		0.2390	0.2390	0.0000	3,423.0492	3,423.0492	0.0656	0.0628	3,443.3907
Single Family Housing	2.16071e+007	0.1165	0.9956	0.4237	6.3600e-003		0.0805	0.0805		0.0805	0.0805	0.0000	1,153.0351	1,153.0351	0.0221	0.0211	1,159.8870
Total		0.5657	5.0262	3.4663	0.0309		0.3908	0.3908		0.3908	0.3908	0.0000	5,598.3027	5,598.3027	0.1073	0.1027	5,631.5706

Alpine Alternative - Low - 2050 - San Diego County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	5.01827e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.29578e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Alpine Alternative - Low - 2050 - San Diego County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	9.84552e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	922200	0.0000	0.0000	0.0000	0.0000
General Office Building	5.01827e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.29578e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Alpine Alternative - Low - 2050 - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	296.9399	5.2877	342.3073	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4916
Unmitigated	296.9399	5.2877	342.3073	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4916

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	tons/yr										MT/yr					
Architectural Coating	5.3288					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	37.5975					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	253.1181	4.9431	312.4469	0.5661		43.8080	43.8080		43.8080	43.8080	4,166.9514	1,747.5586	5,914.5100	3.8454	0.3278	6,108.3183
Landscaping	0.8955	0.3446	29.8604	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	49.0041	49.0041	0.0468	0.0000	50.1733
Total	296.9399	5.2877	342.3073	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4916

Alpine Alternative - Low - 2050 - San Diego County, Annual

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	tons/yr										MT/yr					
Architectural Coating	5.3288					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	37.5975					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	253.1181	4.9431	312.4469	0.5661		43.8080	43.8080		43.8080	43.8080	4,166.9514	1,747.5586	5,914.5100	3.8454	0.3278	6,108.3183
Landscaping	0.8955	0.3446	29.8604	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	49.0041	49.0041	0.0468	0.0000	50.1733
Total	296.9399	5.2877	342.3073	0.5677		43.9743	43.9743		43.9743	43.9743	4,166.9514	1,796.5627	5,963.5141	3.8922	0.3278	6,158.4916

7.0 Water Detail

7.1 Mitigation Measures Water

Alpine Alternative - Low - 2050 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	326.9144	33.5773	0.7928	1,402.6094
Unmitigated	326.9144	33.5773	0.7928	1,402.6094

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	49.5675	5.0911	0.1202	212.6670
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	740.794 / 454.035	235.0198	24.1388	0.5700	1,008.3405
Single Family Housing	106.592 / 67.1993	33.8167	3.4733	0.0820	145.0889
Total		326.9144	33.5772	0.7928	1,402.6094

Alpine Alternative - Low - 2050 - San Diego County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	156.239 / 98.4987	49.5675	5.0911	0.1202	212.6670
General Light Industry	26.825 / 0	8.5103	0.8741	0.0206	36.5132
General Office Building	740.794 / 454.035	235.0198	24.1388	0.5700	1,008.3405
Single Family Housing	106.592 / 67.1993	33.8167	3.4733	0.0820	145.0889
Total		326.9144	33.5772	0.7928	1,402.6094

8.0 Waste Detail

8.1 Mitigation Measures Waste

Alpine Alternative - Low - 2050 - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,429.371 0	84.4734	0.0000	3,541.206 2
Unmitigated	1,429.371 0	84.4734	0.0000	3,541.206 2

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3876.24	786.8417	46.5010	0.0000	1,949.367 0
Single Family Housing	1918.39	389.4158	23.0138	0.0000	964.7612
Total		1,429.371 0	84.4734	0.0000	3,541.206 2

Alpine Alternative - Low - 2050 - San Diego County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1103.08	223.9153	13.2330	0.0000	554.7406
General Light Industry	143.84	29.1982	1.7256	0.0000	72.3374
General Office Building	3876.24	786.8417	46.5010	0.0000	1,949.3670
Single Family Housing	1918.39	389.4158	23.0138	0.0000	964.7612
Total		1,429.3710	84.4734	0.0000	3,541.2062

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Alpine Alternative - Low - 2050 - San Diego County, Annual

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - Low - 2050 - San Diego County, Summer

Alpine Alternative - Low - 2050
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,636.00	Dwelling Unit	531.17	2,944,800.00	4679

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Low - 2050 - San Diego County, Summer

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	800.00	0.00
tblConstructionPhase	PhaseEndDate	1/25/2024	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Alpine Alternative - Low - 2050 - San Diego County, Summer

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Alpine Alternative - Low - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - Low - 2050 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740
Energy	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
Mobile	0.0000	0.0000	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	6,421.8752	151.9327	7,971.4309	13.9932	0.0000	1,072.4772	1,072.4772	0.0000	1,072.4772	1,072.4772	112,031.1618	81,398.5280	193,429.6898	104.6071	9.4320	198,855.6094

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740
Energy	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
Mobile	0.0000	0.0000	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	6,421.8752	151.9327	7,971.4309	13.9932	0.0000	1,072.4772	1,072.4772	0.0000	1,072.4772	1,072.4772	112,031.1618	81,398.5280	193,429.6898	104.6071	9.4320	198,855.6094

Alpine Alternative - Low - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - Low - 2050 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - Low - 2050 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Alpine Alternative - Low - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
NaturalGas Unmitigated	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	175741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	59197.4	0.6384	5.4555	2.3215	0.0348		0.4411	0.4411		0.4411	0.4411		6,964.4032	6,964.4032	0.1335	0.1277	7,005.7892
Total		3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

Alpine Alternative - Low - 2050 - San Diego County, Summer

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	175.741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	59.1974	0.6384	5.4555	2.3215	0.0348		0.4411	0.4411		0.4411	0.4411		6,964.4032	6,964.4032	0.1335	0.1277	7,005.7892
Total		3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

6.0 Area Detail

6.1 Mitigation Measures Area

Alpine Alternative - Low - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740
Unmitigated	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740

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	29.1987					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0135					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,173.6133	120.5635	7,620.6550	13.8065		1,068.4885	1,068.4885		1,068.4885	1,068.4885	112,031.1618	46,984.2353	159,015.3971	103.3862	8.8121	164,226.0561
Landscaping	9.9501	3.8285	331.7827	0.0176		1.8472	1.8472		1.8472	1.8472		600.1975	600.1975	0.5728		614.5179
Total	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740

Alpine Alternative - Low - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	29.1987					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0135					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,173.6133	120.5635	7,620.6550	13.8065		1,068.4885	1,068.4885		1,068.4885	1,068.4885	112,031.1618	46,984.2353	159,015.3971	103.3862	8.8121	164,226.0561
Landscaping	9.9501	3.8285	331.7827	0.0176		1.8472	1.8472		1.8472	1.8472		600.1975	600.1975	0.5728		614.5179
Total	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine Alternative - Low - 2050 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - Low - 2050 - San Diego County, Winter

Alpine Alternative - Low - 2050
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
General Light Industry	116.00	1000sqft	2.66	116,000.00	0
Apartments Low Rise	2,398.00	Dwelling Unit	149.88	2,398,000.00	6858
Single Family Housing	1,636.00	Dwelling Unit	531.17	2,944,800.00	4679

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Low - 2050 - San Diego County, Winter

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	800.00	0.00
tblConstructionPhase	PhaseEndDate	1/25/2024	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	1.21	0.85
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60

Alpine Alternative - Low - 2050 - San Diego County, Winter

tblEnergyUse	T24NG	7,045.49	3,311.38
tblEnergyUse	T24NG	4.31	3.02
tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

Alpine Alternative - Low - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - Low - 2050 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740
Energy	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
Mobile	0.0000	0.0000	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	6,421.8752	151.9327	7,971.4309	13.9932	0.0000	1,072.4772	1,072.4772	0.0000	1,072.4772	1,072.4772	112,031.1618	81,398.5280	193,429.6898	104.6071	9.4320	198,855.6094

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740
Energy	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
Mobile	0.0000	0.0000	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	6,421.8752	151.9327	7,971.4309	13.9932	0.0000	1,072.4772	1,072.4772	0.0000	1,072.4772	1,072.4772	112,031.1618	81,398.5280	193,429.6898	104.6071	9.4320	198,855.6094

Alpine Alternative - Low - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - Low - 2050 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - Low - 2050 - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Light Industry	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Alpine Alternative - Low - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354
NaturalGas Unmitigated	3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49217.3	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3263.89	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	175741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	59197.4	0.6384	5.4555	2.3215	0.0348		0.4411	0.4411		0.4411	0.4411		6,964.4032	6,964.4032	0.1335	0.1277	7,005.7892
Total		3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

Alpine Alternative - Low - 2050 - San Diego County, Winter

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					
Apartments Low Rise	49.2173	0.5308	4.5357	1.9301	0.0290		0.3667	0.3667		0.3667	0.3667		5,790.2753	5,790.2753	0.1110	0.1062	5,824.6841
General Light Industry	3.26389	0.0352	0.3200	0.2688	1.9200e-003		0.0243	0.0243		0.0243	0.0243		383.9871	383.9871	7.3600e-003	7.0400e-003	386.2690
General Office Building	175.741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	59.1974	0.6384	5.4555	2.3215	0.0348		0.4411	0.4411		0.4411	0.4411		6,964.4032	6,964.4032	0.1335	0.1277	7,005.7892
Total		3.0996	27.5407	18.9932	0.1691		2.1416	2.1416		2.1416	2.1416		33,814.0952	33,814.0952	0.6481	0.6199	34,015.0354

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740
Unmitigated	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740

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	29.1987					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0135					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,173.6133	120.5635	7,620.6550	13.8065		1,068.4885	1,068.4885		1,068.4885	1,068.4885	112,031.1618	46,984.2353	159,015.3971	103.3862	8.8121	164,226.0561
Landscaping	9.9501	3.8285	331.7827	0.0176		1.8472	1.8472		1.8472	1.8472		600.1975	600.1975	0.5728		614.5179
Total	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740

Alpine Alternative - Low - 2050 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	29.1987					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	206.0135					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6,173.6133	120.5635	7,620.6550	13.8065		1,068.4885	1,068.4885		1,068.4885	1,068.4885	112,031.1618	46,984.2353	159,015.3971	103.3862	8.8121	164,226.0561
Landscaping	9.9501	3.8285	331.7827	0.0176		1.8472	1.8472		1.8472	1.8472		600.1975	600.1975	0.5728		614.5179
Total	6,418.7756	124.3921	7,952.4377	13.8241		1,070.3356	1,070.3356		1,070.3356	1,070.3356	112,031.1618	47,584.4328	159,615.5946	103.9590	8.8121	164,840.5740

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
Apartments Low Rise	3,337.00	Dwelling Unit	208.56	3,337,000.00	9544
Single Family Housing	2,354.00	Dwelling Unit	764.29	4,237,200.00	6732

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

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tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	410.8831	7.4597	482.9698	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4909	0.4624	8,688.1105
Energy	0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	18,462.0827	18,462.0827	0.6096	0.2299	18,545.8428
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,658.7163	0.0000	1,658.7163	98.0273	0.0000	4,109.3994
Water						0.0000	0.0000		0.0000	0.0000	352.6549	3,227.9912	3,580.6461	36.3515	0.8854	4,753.2670
Total	411.5314	13.1886	486.7109	0.8362	0.0000	62.4850	62.4850	0.0000	62.4850	62.4850	7,889.9335	24,224.5566	32,114.4901	140.4793	1.5777	36,096.6198

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	410.8831	7.4597	482.9698	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4909	0.4624	8,688.1105
Energy	0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	18,462.0827	18,462.0827	0.6096	0.2299	18,545.8428
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,658.7163	0.0000	1,658.7163	98.0273	0.0000	4,109.3994
Water						0.0000	0.0000		0.0000	0.0000	352.6549	3,227.9912	3,580.6461	36.3515	0.8854	4,753.2670
Total	411.5314	13.1886	486.7109	0.8362	0.0000	62.4850	62.4850	0.0000	62.4850	62.4850	7,889.9335	24,224.5566	32,114.4901	140.4793	1.5777	36,096.6198

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,045.9320	12,045.9320	0.4866	0.1123	12,091.5643
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,045.9320	12,045.9320	0.4866	0.1123	12,091.5643
NaturalGas Mitigated	0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786
NaturalGas Unmitigated	0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786

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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	2.49987e+007	0.1348	1.1519	0.4902	7.3500e-003		0.0931	0.0931		0.0931	0.0931	0.0000	1,334.0277	1,334.0277	0.0256	0.0245	1,341.9552
General Office Building	6.41455e+007	0.3459	3.1444	2.6413	0.0189		0.2390	0.2390		0.2390	0.2390	0.0000	3,423.0492	3,423.0492	0.0656	0.0628	3,443.3907
Single Family Housing	3.10899e+007	0.1676	1.4326	0.6096	9.1400e-003		0.1158	0.1158		0.1158	0.1158	0.0000	1,659.0737	1,659.0737	0.0318	0.0304	1,668.9327
Total		0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	2.49987e+007	0.1348	1.1519	0.4902	7.3500e-003		0.0931	0.0931		0.0931	0.0931	0.0000	1,334.0277	1,334.0277	0.0256	0.0245	1,341.9552
General Office Building	6.41455e+007	0.3459	3.1444	2.6413	0.0189		0.2390	0.2390		0.2390	0.2390	0.0000	3,423.0492	3,423.0492	0.0656	0.0628	3,443.3907
Single Family Housing	3.10899e+007	0.1676	1.4326	0.6096	9.1400e-003		0.1158	0.1158		0.1158	0.1158	0.0000	1,659.0737	1,659.0737	0.0318	0.0304	1,668.9327
Total		0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.37008e+007	1,999.7874	0.0808	0.0186	2,007.3629
General Office Building	5.01827e+007	7,324.7445	0.2959	0.0683	7,352.4920
Single Family Housing	1.86446e+007	2,721.4002	0.1099	0.0254	2,731.7093
Total		12,045.9320	0.4866	0.1123	12,091.5643

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.37008e+007	1,999.7874	0.0808	0.0186	2,007.3629
General Office Building	5.01827e+007	7,324.7445	0.2959	0.0683	7,352.4920
Single Family Housing	1.86446e+007	2,721.4002	0.1099	0.0254	2,731.7093
Total		12,045.9320	0.4866	0.1123	12,091.5643

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	410.8831	7.4597	482.9698	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4909	0.4624	8,688.1105
Unmitigated	410.8831	7.4597	482.9698	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4909	0.4624	8,688.1105

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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	tons/yr										MT/yr					
Architectural Coating	6.6712					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	45.8592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	357.0886	6.9735	440.7871	0.7986		61.8026	61.8026		61.8026	61.8026	5,878.5623	2,465.3833	8,343.9456	5.4249	0.4624	8,617.3622
Landscaping	1.2641	0.4862	42.1828	2.2300e-003		0.2345	0.2345		0.2345	0.2345	0.0000	69.0994	69.0994	0.0660	0.0000	70.7483
Total	410.8830	7.4597	482.9698	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4909	0.4624	8,688.1105

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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	tons/yr										MT/yr					
Architectural Coating	6.6712					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	45.8592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	357.0886	6.9735	440.7871	0.7986		61.8026	61.8026		61.8026	61.8026	5,878.5623	2,465.3833	8,343.9456	5.4249	0.4624	8,617.3622
Landscaping	1.2641	0.4862	42.1828	2.2300e-003		0.2345	0.2345		0.2345	0.2345	0.0000	69.0994	69.0994	0.0660	0.0000	70.7483
Total	410.8830	7.4597	482.9698	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4909	0.4624	8,688.1105

7.0 Water Detail

7.1 Mitigation Measures Water

Alpine Alternative - Moderate - 2030 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,580.646 1	36.3515	0.8854	4,753.267 0
Unmitigated	3,580.646 1	36.3515	0.8854	4,753.267 0

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	217.419 / 137.068	704.4705	7.1103	0.1732	933.8431
General Office Building	740.794 / 454.035	2,379.225 2	24.2254	0.5900	3,160.668 5
Single Family Housing	153.373 / 96.6914	496.9504	5.0158	0.1222	658.7554
Total		3,580.646 1	36.3515	0.8854	4,753.267 0

Alpine Alternative - Moderate - 2030 - San Diego County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	217.419 / 137.068	704.4705	7.1103	0.1732	933.8431
General Office Building	740.794 / 454.035	2,379.2252	24.2254	0.5900	3,160.6685
Single Family Housing	153.373 / 96.6914	496.9504	5.0158	0.1222	658.7554
Total		3,580.6461	36.3515	0.8854	4,753.2670

8.0 Waste Detail

8.1 Mitigation Measures Waste

Alpine Alternative - Moderate - 2030 - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,658.716 3	98.0273	0.0000	4,109.399 4
Unmitigated	1,658.716 3	98.0273	0.0000	4,109.399 4

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1535.02	311.5952	18.4148	0.0000	771.9639
General Office Building	3876.24	786.8417	46.5010	0.0000	1,949.367 0
Single Family Housing	2760.12	560.2794	33.1116	0.0000	1,388.068 5
Total		1,658.716 3	98.0273	0.0000	4,109.399 4

Alpine Alternative - Moderate - 2030 - San Diego County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1535.02	311.5952	18.4148	0.0000	771.9639
General Office Building	3876.24	786.8417	46.5010	0.0000	1,949.3670
Single Family Housing	2760.12	560.2794	33.1116	0.0000	1,388.0685
Total		1,658.7163	98.0273	0.0000	4,109.3994

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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Alpine Alternative - Moderate - 2030 - San Diego County, Annual

11.0 Vegetation

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

Alpine Alternative - Moderate - 2030
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
Apartments Low Rise	3,337.00	Dwelling Unit	208.56	3,337,000.00	9544
Single Family Housing	2,354.00	Dwelling Unit	764.29	4,237,200.00	6732

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	321.79	CH4 Intensity (lb/MW hr)	0.013	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318
Energy	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
Mobile	0.0000	0.0000	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	9,014.9132	206.8792	11,240.1006	19.6962	0.0000	1,512.4390	1,512.4390	0.0000	1,512.4390	1,512.4390	158,048.9196	105,883.6824	263,932.6020	147.4035	13.1422	271,534.0745

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	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318
Energy	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
Mobile	0.0000	0.0000	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	9,014.9132	206.8792	11,240.1006	19.6962	0.0000	1,512.4390	1,512.4390	0.0000	1,512.4390	1,512.4390	158,048.9196	105,883.6824	263,932.6020	147.4035	13.1422	271,534.0745

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
NaturalGas Unmitigated	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	68489.7	0.7386	6.3118	2.6859	0.0403		0.5103	0.5103		0.5103	0.5103		8,057.6100	8,057.6100	0.1544	0.1477	8,105.4924
General Office Building	175741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	85177.7	0.9186	7.8497	3.3403	0.0501		0.6347	0.6347		0.6347	0.6347		10,020.9078	10,020.9078	0.1921	0.1837	10,080.4571
Total		3.5524	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	68.4897	0.7386	6.3118	2.6859	0.0403		0.5103	0.5103		0.5103	0.5103		8,057.6100	8,057.6100	0.1544	0.1477	8,105.4924
General Office Building	175.741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	85.1777	0.9186	7.8497	3.3403	0.0501		0.6347	0.6347		0.6347	0.6347		10,020.9078	10,020.9078	0.1921	0.1837	10,080.4571
Total		3.5524	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

6.0 Area Detail

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318
Unmitigated	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	36.5547					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	251.2831					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8,709.4777	170.0860	10,750.9043	19.4776		1,507.3793	1,507.3793		1,507.3793	1,507.3793	158,048.9196	66,283.4118	224,332.3314	145.8529	12.4317	231,683.3131
Landscaping	14.0452	5.4021	468.6974	0.0248		2.6053	2.6053		2.6053	2.6053		846.3233	846.3233	0.8078		866.5187
Total	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	36.5547					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	251.2831					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8,709.4777	170.0860	10,750.9043	19.4776		1,507.3793	1,507.3793		1,507.3793	1,507.3793	158,048.9196	66,283.4118	224,332.3314	145.8529	12.4317	231,683.3131
Landscaping	14.0452	5.4021	468.6974	0.0248		2.6053	2.6053		2.6053	2.6053		846.3233	846.3233	0.8078		866.5187
Total	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine Alternative - Moderate - 2030 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - Moderate - 2030 - San Diego County, Winter

Alpine Alternative - Moderate - 2030
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
Apartments Low Rise	3,337.00	Dwelling Unit	208.56	3,337,000.00	9544
Single Family Housing	2,354.00	Dwelling Unit	764.29	4,237,200.00	6732

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Moderate - 2030 - San Diego County, Winter

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

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tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - Moderate - 2030 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318
Energy	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
Mobile	0.0000	0.0000	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	9,014.9132	206.8792	11,240.1006	19.6962	0.0000	1,512.4390	1,512.4390	0.0000	1,512.4390	1,512.4390	158,048.9196	105,883.6824	263,932.6020	147.4035	13.1422	271,534.0745

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	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318
Energy	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
Mobile	0.0000	0.0000	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	9,014.9132	206.8792	11,240.1006	19.6962	0.0000	1,512.4390	1,512.4390	0.0000	1,512.4390	1,512.4390	158,048.9196	105,883.6824	263,932.6020	147.4035	13.1422	271,534.0745

Alpine Alternative - Moderate - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - Moderate - 2030 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
NaturalGas Unmitigated	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	68489.7	0.7386	6.3118	2.6859	0.0403		0.5103	0.5103		0.5103	0.5103		8,057.6100	8,057.6100	0.1544	0.1477	8,105.4924
General Office Building	175741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	85177.7	0.9186	7.8497	3.3403	0.0501		0.6347	0.6347		0.6347	0.6347		10,020.9078	10,020.9078	0.1921	0.1837	10,080.4571
Total		3.5524	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	68.4897	0.7386	6.3118	2.6859	0.0403		0.5103	0.5103		0.5103	0.5103		8,057.6100	8,057.6100	0.1544	0.1477	8,105.4924
General Office Building	175.741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	85.1777	0.9186	7.8497	3.3403	0.0501		0.6347	0.6347		0.6347	0.6347		10,020.9078	10,020.9078	0.1921	0.1837	10,080.4571
Total		3.5524	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

6.0 Area Detail

Alpine Alternative - Moderate - 2030 - San Diego County, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318
Unmitigated	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318

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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	36.5547					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	251.2831					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8,709.4777	170.0860	10,750.9043	19.4776		1,507.3793	1,507.3793		1,507.3793	1,507.3793	158,048.9196	66,283.4118	224,332.3314	145.8529	12.4317	231,683.3131
Landscaping	14.0452	5.4021	468.6974	0.0248		2.6053	2.6053		2.6053	2.6053		846.3233	846.3233	0.8078		866.5187
Total	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318

Alpine Alternative - Moderate - 2030 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	36.5547					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	251.2831					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8,709.4777	170.0860	10,750.9043	19.4776		1,507.3793	1,507.3793		1,507.3793	1,507.3793	158,048.9196	66,283.4118	224,332.3314	145.8529	12.4317	231,683.3131
Landscaping	14.0452	5.4021	468.6974	0.0248		2.6053	2.6053		2.6053	2.6053		846.3233	846.3233	0.8078		866.5187
Total	9,011.3607	175.4882	11,219.6016	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6607	12.4317	232,549.8318

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
Apartments Low Rise	3,337.00	Dwelling Unit	208.56	3,337,000.00	9544
Single Family Housing	2,354.00	Dwelling Unit	764.29	4,237,200.00	6732

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

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tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	410.8808	7.4595	482.8958	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4908	0.4624	8,688.1090
Energy	0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,658.7163	0.0000	1,658.7163	98.0273	0.0000	4,109.3994
Water						0.0000	0.0000		0.0000	0.0000	352.6549	0.0000	352.6549	36.2210	0.8553	1,513.0476
Total	411.5291	13.1883	486.6369	0.8362	0.0000	62.4850	62.4850	0.0000	62.4850	62.4850	7,889.9335	8,950.6333	16,840.5668	139.8622	1.4353	20,764.8345

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	410.8808	7.4595	482.8958	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4908	0.4624	8,688.1090
Energy	0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1,658.7163	0.0000	1,658.7163	98.0273	0.0000	4,109.3994
Water						0.0000	0.0000		0.0000	0.0000	352.6549	0.0000	352.6549	36.2210	0.8553	1,513.0476
Total	411.5291	13.1883	486.6369	0.8362	0.0000	62.4850	62.4850	0.0000	62.4850	62.4850	7,889.9335	8,950.6333	16,840.5668	139.8622	1.4353	20,764.8345

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Alpine Alternative - Moderate - 2050 - San Diego County, Annual

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786
NaturalGas Unmitigated	0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786

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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	2.49987e+007	0.1348	1.1519	0.4902	7.3500e-003		0.0931	0.0931		0.0931	0.0931	0.0000	1,334.0277	1,334.0277	0.0256	0.0245	1,341.9552
General Office Building	6.41455e+007	0.3459	3.1444	2.6413	0.0189		0.2390	0.2390		0.2390	0.2390	0.0000	3,423.0492	3,423.0492	0.0656	0.0628	3,443.3907
Single Family Housing	3.10899e+007	0.1676	1.4326	0.6096	9.1400e-003		0.1158	0.1158		0.1158	0.1158	0.0000	1,659.0737	1,659.0737	0.0318	0.0304	1,668.9327
Total		0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	2.49987e+007	0.1348	1.1519	0.4902	7.3500e-003		0.0931	0.0931		0.0931	0.0931	0.0000	1,334.0277	1,334.0277	0.0256	0.0245	1,341.9552
General Office Building	6.41455e+007	0.3459	3.1444	2.6413	0.0189		0.2390	0.2390		0.2390	0.2390	0.0000	3,423.0492	3,423.0492	0.0656	0.0628	3,443.3907
Single Family Housing	3.10899e+007	0.1676	1.4326	0.6096	9.1400e-003		0.1158	0.1158		0.1158	0.1158	0.0000	1,659.0737	1,659.0737	0.0318	0.0304	1,668.9327
Total		0.6483	5.7289	3.7411	0.0354		0.4479	0.4479		0.4479	0.4479	0.0000	6,416.1506	6,416.1506	0.1230	0.1176	6,454.2786

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.37008e+007	0.0000	0.0000	0.0000	0.0000
General Office Building	5.01827e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.86446e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.37008e+007	0.0000	0.0000	0.0000	0.0000
General Office Building	5.01827e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.86446e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	410.8808	7.4595	482.8958	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4908	0.4624	8,688.1090
Unmitigated	410.8808	7.4595	482.8958	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4908	0.4624	8,688.1090

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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	tons/yr										MT/yr					
Architectural Coating	6.6712					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	45.8592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	357.0886	6.9735	440.7871	0.7986		61.8026	61.8026		61.8026	61.8026	5,878.5623	2,465.3833	8,343.9456	5.4249	0.4624	8,617.3622
Landscaping	1.2618	0.4860	42.1088	2.2300e-003		0.2345	0.2345		0.2345	0.2345	0.0000	69.0994	69.0994	0.0659	0.0000	70.7468
Total	410.8808	7.4595	482.8958	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4908	0.4624	8,688.1090

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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	tons/yr										MT/yr					
Architectural Coating	6.6712					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	45.8592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	357.0886	6.9735	440.7871	0.7986		61.8026	61.8026		61.8026	61.8026	5,878.5623	2,465.3833	8,343.9456	5.4249	0.4624	8,617.3622
Landscaping	1.2618	0.4860	42.1088	2.2300e-003		0.2345	0.2345		0.2345	0.2345	0.0000	69.0994	69.0994	0.0659	0.0000	70.7468
Total	410.8808	7.4595	482.8958	0.8008		62.0370	62.0370		62.0370	62.0370	5,878.5623	2,534.4827	8,413.0450	5.4908	0.4624	8,688.1090

7.0 Water Detail

7.1 Mitigation Measures Water

Alpine Alternative - Moderate - 2050 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	352.6549	36.2210	0.8553	1,513.0476
Unmitigated	352.6549	36.2210	0.8553	1,513.0476

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	217.419 / 137.068	68.9770	7.0846	0.1673	295.9423
General Office Building	740.794 / 454.035	235.0198	24.1388	0.5700	1,008.3405
Single Family Housing	153.373 / 96.6914	48.6580	4.9977	0.1180	208.7648
Total		352.6549	36.2210	0.8553	1,513.0476

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	217.419 / 137.068	68.9770	7.0846	0.1673	295.9423
General Office Building	740.794 / 454.035	235.0198	24.1388	0.5700	1,008.3405
Single Family Housing	153.373 / 96.6914	48.6580	4.9977	0.1180	208.7648
Total		352.6549	36.2210	0.8553	1,513.0476

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,658.716 3	98.0273	0.0000	4,109.399 4
Unmitigated	1,658.716 3	98.0273	0.0000	4,109.399 4

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1535.02	311.5952	18.4148	0.0000	771.9639
General Office Building	3876.24	786.8417	46.5010	0.0000	1,949.367 0
Single Family Housing	2760.12	560.2794	33.1116	0.0000	1,388.068 5
Total		1,658.716 3	98.0273	0.0000	4,109.399 4

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1535.02	311.5952	18.4148	0.0000	771.9639
General Office Building	3876.24	786.8417	46.5010	0.0000	1,949.3670
Single Family Housing	2760.12	560.2794	33.1116	0.0000	1,388.0685
Total		1,658.7163	98.0273	0.0000	4,109.3994

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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Alpine Alternative - Moderate - 2050 - San Diego County, Annual

11.0 Vegetation

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

Alpine Alternative - Moderate - 2050
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
Apartments Low Rise	3,337.00	Dwelling Unit	208.56	3,337,000.00	9544
Single Family Housing	2,354.00	Dwelling Unit	764.29	4,237,200.00	6732

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9,011.3353	175.4855	11,218.7793	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125
Energy	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
Mobile	0.0000	0.0000	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	9,014.8878	206.8765	11,239.2782	19.6962	0.0000	1,512.4389	1,512.4389	0.0000	1,512.4389	1,512.4389	158,048.9196	105,883.6824	263,932.6020	147.4028	13.1422	271,534.0552

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	9,011.3353	175.4855	11,218.7793	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125
Energy	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
Mobile	0.0000	0.0000	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	9,014.8878	206.8765	11,239.2782	19.6962	0.0000	1,512.4389	1,512.4389	0.0000	1,512.4389	1,512.4389	158,048.9196	105,883.6824	263,932.6020	147.4028	13.1422	271,534.0552

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
NaturalGas Unmitigated	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	68489.7	0.7386	6.3118	2.6859	0.0403		0.5103	0.5103		0.5103	0.5103		8,057.6100	8,057.6100	0.1544	0.1477	8,105.4924
General Office Building	175741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	85177.7	0.9186	7.8497	3.3403	0.0501		0.6347	0.6347		0.6347	0.6347		10,020.9078	10,020.9078	0.1921	0.1837	10,080.4571
Total		3.5524	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	68.4897	0.7386	6.3118	2.6859	0.0403		0.5103	0.5103		0.5103	0.5103		8,057.6100	8,057.6100	0.1544	0.1477	8,105.4924
General Office Building	175.741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	85.1777	0.9186	7.8497	3.3403	0.0501		0.6347	0.6347		0.6347	0.6347		10,020.9078	10,020.9078	0.1921	0.1837	10,080.4571
Total		3.5524	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

6.0 Area Detail

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9,011.3353	175.4855	11,218.7793	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125
Unmitigated	9,011.3353	175.4855	11,218.7793	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	36.5547					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	251.2831					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8,709.4777	170.0860	10,750.9043	19.4776		1,507.3793	1,507.3793		1,507.3793	1,507.3793	158,048.9196	66,283.4118	224,332.3314	145.8529	12.4317	231,683.3131
Landscaping	14.0198	5.3994	467.8750	0.0248		2.6052	2.6052		2.6052	2.6052		846.3233	846.3233	0.8070		866.4994
Total	9,011.3353	175.4855	11,218.7792	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	36.5547					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	251.2831					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8,709.4777	170.0860	10,750.9043	19.4776		1,507.3793	1,507.3793		1,507.3793	1,507.3793	158,048.9196	66,283.4118	224,332.3314	145.8529	12.4317	231,683.3131
Landscaping	14.0198	5.3994	467.8750	0.0248		2.6052	2.6052		2.6052	2.6052		846.3233	846.3233	0.8070		866.4994
Total	9,011.3353	175.4855	11,218.7792	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine Alternative - Moderate - 2050 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

Alpine Alternative - Moderate - 2050
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	4,168.00	1000sqft	95.68	4,168,000.00	0
Apartments Low Rise	3,337.00	Dwelling Unit	208.56	3,337,000.00	9544
Single Family Housing	2,354.00	Dwelling Unit	764.29	4,237,200.00	6732

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2050
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9,011.3353	175.4855	11,218.7793	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125
Energy	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
Mobile	0.0000	0.0000	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	9,014.8878	206.8765	11,239.2782	19.6962	0.0000	1,512.4389	1,512.4389	0.0000	1,512.4389	1,512.4389	158,048.9196	105,883.6824	263,932.6020	147.4028	13.1422	271,534.0552

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	9,011.3353	175.4855	11,218.7793	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125
Energy	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
Mobile	0.0000	0.0000	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	9,014.8878	206.8765	11,239.2782	19.6962	0.0000	1,512.4389	1,512.4389	0.0000	1,512.4389	1,512.4389	158,048.9196	105,883.6824	263,932.6020	147.4028	13.1422	271,534.0552

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
General Office Building	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668
Single Family Housing	0.615011	0.035959	0.175734	0.096057	0.010793	0.005300	0.020678	0.029891	0.002015	0.001593	0.005502	0.000799	0.000668

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427
NaturalGas Unmitigated	3.5525	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	68489.7	0.7386	6.3118	2.6859	0.0403		0.5103	0.5103		0.5103	0.5103		8,057.6100	8,057.6100	0.1544	0.1477	8,105.4924
General Office Building	175741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	85177.7	0.9186	7.8497	3.3403	0.0501		0.6347	0.6347		0.6347	0.6347		10,020.9078	10,020.9078	0.1921	0.1837	10,080.4571
Total		3.5524	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	68.4897	0.7386	6.3118	2.6859	0.0403		0.5103	0.5103		0.5103	0.5103		8,057.6100	8,057.6100	0.1544	0.1477	8,105.4924
General Office Building	175.741	1.8953	17.2295	14.4728	0.1034		1.3094	1.3094		1.3094	1.3094		20,675.4295	20,675.4295	0.3963	0.3791	20,798.2932
Single Family Housing	85.1777	0.9186	7.8497	3.3403	0.0501		0.6347	0.6347		0.6347	0.6347		10,020.9078	10,020.9078	0.1921	0.1837	10,080.4571
Total		3.5524	31.3910	20.4990	0.1938		2.4544	2.4544		2.4544	2.4544		38,753.9473	38,753.9473	0.7428	0.7105	38,984.2427

6.0 Area Detail

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9,011.3353	175.4855	11,218.7793	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125
Unmitigated	9,011.3353	175.4855	11,218.7793	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	36.5547					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	251.2831					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8,709.4777	170.0860	10,750.9043	19.4776		1,507.3793	1,507.3793		1,507.3793	1,507.3793	158,048.9196	66,283.4118	224,332.3314	145.8529	12.4317	231,683.3131
Landscaping	14.0198	5.3994	467.8750	0.0248		2.6052	2.6052		2.6052	2.6052		846.3233	846.3233	0.8070		866.4994
Total	9,011.3353	175.4855	11,218.7792	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	36.5547					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	251.2831					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8,709.4777	170.0860	10,750.9043	19.4776		1,507.3793	1,507.3793		1,507.3793	1,507.3793	158,048.9196	66,283.4118	224,332.3314	145.8529	12.4317	231,683.3131
Landscaping	14.0198	5.3994	467.8750	0.0248		2.6052	2.6052		2.6052	2.6052		846.3233	846.3233	0.8070		866.4994
Total	9,011.3353	175.4855	11,218.7792	19.5024		1,509.9845	1,509.9845		1,509.9845	1,509.9845	158,048.9196	67,129.7351	225,178.6547	146.6600	12.4317	232,549.8125

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine Alternative - Moderate - 2050 - San Diego County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3,968.00	1000sqft	91.09	3,968,000.00	0
Apartments Low Rise	7,613.00	Dwelling Unit	475.81	7,613,000.00	21773
Single Family Housing	3,885.00	Dwelling Unit	1,261.36	6,993,000.00	11111

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

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tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267
Energy	0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	25,067.2552	25,067.2552	0.8207	0.3152	25,181.6903
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	2,384.6830	0.0000	2,384.6830	140.9307	0.0000	5,907.9513
Water						0.0000	0.0000		0.0000	0.0000	461.4104	4,230.9790	4,692.3894	47.5622	1.1585	6,226.6640
Total	808.4387	23.0569	980.3823	1.6678	0.0000	125.9695	125.9695	0.0000	125.9695	125.9695	14,723.0411	34,418.7806	49,141.8217	200.4072	2.4078	54,869.5323

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267
Energy	0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	25,067.2552	25,067.2552	0.8207	0.3152	25,181.6903
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	2,384.6830	0.0000	2,384.6830	140.9307	0.0000	5,907.9513
Water						0.0000	0.0000		0.0000	0.0000	461.4104	4,230.9790	4,692.3894	47.5622	1.1585	6,226.6640
Total	808.4387	23.0569	980.3823	1.6678	0.0000	125.9695	125.9695	0.0000	125.9695	125.9695	14,723.0411	34,418.7806	49,141.8217	200.4072	2.4078	54,869.5323

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	16,026.9158	16,026.9158	0.6475	0.1494	16,087.6287
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	16,026.9158	16,026.9158	0.6475	0.1494	16,087.6287
NaturalGas Mitigated	0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616
NaturalGas Unmitigated	0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616

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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	5.70319e+007	0.3075	2.6279	1.1183	0.0168		0.2125	0.2125		0.2125	0.2125	0.0000	3,043.4381	3,043.4381	0.0583	0.0558	3,061.5237
General Office Building	6.10675e+007	0.3293	2.9935	2.5145	0.0180		0.2275	0.2275		0.2275	0.2275	0.0000	3,258.7954	3,258.7954	0.0625	0.0597	3,278.1608
Single Family Housing	5.13102e+007	0.2767	2.3643	1.0061	0.0151		0.1912	0.1912		0.1912	0.1912	0.0000	2,738.1059	2,738.1059	0.0525	0.0502	2,754.3771
Total		0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	5.70319e+007	0.3075	2.6279	1.1183	0.0168		0.2125	0.2125		0.2125	0.2125	0.0000	3,043.4381	3,043.4381	0.0583	0.0558	3,061.5237
General Office Building	6.10675e+007	0.3293	2.9935	2.5145	0.0180		0.2275	0.2275		0.2275	0.2275	0.0000	3,258.7954	3,258.7954	0.0625	0.0597	3,278.1608
Single Family Housing	5.13102e+007	0.2767	2.3643	1.0061	0.0151		0.1912	0.1912		0.1912	0.1912	0.0000	2,738.1059	2,738.1059	0.0525	0.0502	2,754.3771
Total		0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	3.12568e+007	4,562.2958	0.1843	0.0425	4,579.5787
General Office Building	4.77747e+007	6,973.2693	0.2817	0.0650	6,999.6853
Single Family Housing	3.07708e+007	4,491.3507	0.1815	0.0419	4,508.3648
Total		16,026.9158	0.6475	0.1494	16,087.6287

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	3.12568e+007	4,562.2958	0.1843	0.0425	4,579.5787
General Office Building	4.77747e+007	6,973.2693	0.2817	0.0650	6,999.6853
Single Family Housing	3.07708e+007	4,491.3507	0.1815	0.0419	4,508.3648
Total		16,026.9158	0.6475	0.1494	16,087.6287

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267
Unmitigated	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267

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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	tons/yr										MT/yr					
Architectural Coating	10.9785					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	72.5408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	721.4557	14.0892	890.5587	1.6134		124.8648	124.8648		124.8648	124.8648	11,876.9477	4,981.0186	16,857.9663	10.9605	0.9342	17,410.3727
Landscaping	2.5502	0.9819	85.1846	4.5100e-003		0.4736	0.4736		0.4736	0.4736	0.0000	139.5278	139.5278	0.1331	0.0000	142.8540
Total	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267

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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	tons/yr										MT/yr					
Architectural Coating	10.9785					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	72.5408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	721.4557	14.0892	890.5587	1.6134		124.8648	124.8648		124.8648	124.8648	11,876.9477	4,981.0186	16,857.9663	10.9605	0.9342	17,410.3727
Landscaping	2.5502	0.9819	85.1846	4.5100e-003		0.4736	0.4736		0.4736	0.4736	0.0000	139.5278	139.5278	0.1331	0.0000	142.8540
Total	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4,692.389 4	47.5622	1.1585	6,226.664 0
Unmitigated	4,692.389 4	47.5622	1.1585	6,226.664 0

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	496.018 / 312.707	1,607.172 3	16.2213	0.3952	2,130.460 9
General Office Building	705.248 / 432.248	2,265.058 9	23.0630	0.5617	3,009.004 9
Single Family Housing	253.123 / 159.578	820.1582	8.2779	0.2017	1,087.198 3
Total		4,692.389 4	47.5622	1.1585	6,226.664 0

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	496.018 / 312.707	1,607.172 3	16.2213	0.3952	2,130.460 9
General Office Building	705.248 / 432.248	2,265.058 9	23.0630	0.5617	3,009.004 9
Single Family Housing	253.123 / 159.578	820.1582	8.2779	0.2017	1,087.198 3
Total		4,692.389 4	47.5622	1.1585	6,226.664 0

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2,384.683 0	140.9307	0.0000	5,907.951 3
Unmitigated	2,384.683 0	140.9307	0.0000	5,907.951 3

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	3501.98	710.8703	42.0112	0.0000	1,761.1511
General Office Building	3690.24	749.0854	44.2697	0.0000	1,855.827 3
Single Family Housing	4555.51	924.7274	54.6498	0.0000	2,290.972 9
Total		2,384.683 0	140.9307	0.0000	5,907.951 3

Alpine Alternative - High - 2030 - San Diego County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	3501.98	710.8703	42.0112	0.0000	1,761.1511
General Office Building	3690.24	749.0854	44.2697	0.0000	1,855.8273
Single Family Housing	4555.51	924.7274	54.6498	0.0000	2,290.9729
Total		2,384.6830	140.9307	0.0000	5,907.9513

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
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Alpine Alternative - High - 2030 - San Diego County, Annual

11.0 Vegetation

Alpine Alternative - High - 2030 - San Diego County, Summer

Alpine Alternative - High - 2030
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3,968.00	1000sqft	91.09	3,968,000.00	0
Apartments Low Rise	7,613.00	Dwelling Unit	475.81	7,613,000.00	21773
Single Family Housing	3,885.00	Dwelling Unit	1,261.36	6,993,000.00	11111

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - High - 2030 - San Diego County, Summer

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

Alpine Alternative - High - 2030 - San Diego County, Summer

tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - High - 2030 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Energy	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
Mobile	0.0000	0.0000	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	18,087.4617	398.3067	22,692.8593	39.6754	0.0000	3,054.2038	3,054.2038	0.0000	3,054.2038	3,054.2038	319,319.3600	190,231.0153	509,550.3753	297.3549	26.1180	524,767.3994

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	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Energy	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
Mobile	0.0000	0.0000	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	18,087.4617	398.3067	22,692.8593	39.6754	0.0000	3,054.2038	3,054.2038	0.0000	3,054.2038	3,054.2038	319,319.3600	190,231.0153	509,550.3753	297.3549	26.1180	524,767.3994

Alpine Alternative - High - 2030 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - High - 2030 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - High - 2030 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
NaturalGas Unmitigated	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957

Alpine Alternative - High - 2030 - San Diego County, Summer

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	156252	1.6851	14.3997	6.1275	0.0919		1.1642	1.1642		1.1642	1.1642		18,382.55 47	18,382.55 47	0.3523	0.3370	18,491.79 30
General Office Building	167308	1.8043	16.4028	13.7783	0.0984		1.2466	1.2466		1.2466	1.2466		19,683.32 64	19,683.32 64	0.3773	0.3609	19,800.29 45
Single Family Housing	140576	1.5160	12.9550	5.5128	0.0827		1.0474	1.0474		1.0474	1.0474		16,538.32 92	16,538.32 92	0.3170	0.3032	16,636.60 82
Total		5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.21 02	54,604.21 02	1.0466	1.0011	54,928.69 57

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	156.252	1.6851	14.3997	6.1275	0.0919		1.1642	1.1642		1.1642	1.1642		18,382.55 47	18,382.55 47	0.3523	0.3370	18,491.79 30
General Office Building	167.308	1.8043	16.4028	13.7783	0.0984		1.2466	1.2466		1.2466	1.2466		19,683.32 64	19,683.32 64	0.3773	0.3609	19,800.29 45
Single Family Housing	140.576	1.5160	12.9550	5.5128	0.0827		1.0474	1.0474		1.0474	1.0474		16,538.32 92	16,538.32 92	0.3170	0.3032	16,636.60 82
Total		5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.21 02	54,604.21 02	1.0466	1.0011	54,928.69 57

6.0 Area Detail

Alpine Alternative - High - 2030 - San Diego County, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Unmitigated	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037

Alpine Alternative - High - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	60.1562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	397.4836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	17,596.48 13	343.6390	21,720.94 49	39.3522		3,045.483 5	3,045.483 5		3,045.483 5	3,045.4835	319,319.3 600	133,917.8 824	453,237.2 423	294.6788	25.1169	468,089.0 414
Landscaping	28.3352	10.9103	946.4959	0.0501		5.2620	5.2620		5.2620	5.2620		1,708.922 8	1,708.922 8	1.6296		1,749.662 4
Total	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037

Alpine Alternative - High - 2030 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	60.1562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	397.4836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	17,596.48 13	343.6390	21,720.94 49	39.3522		3,045.483 5	3,045.483 5		3,045.483 5	3,045.4835	319,319.3 600	133,917.8 824	453,237.2 423	294.6788	25.1169	468,089.0 414
Landscaping	28.3352	10.9103	946.4959	0.0501		5.2620	5.2620		5.2620	5.2620		1,708.922 8	1,708.922 8	1.6296		1,749.662 4
Total	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine Alternative - High - 2030 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - High - 2030 - San Diego County, Winter

Alpine Alternative - High - 2030
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3,968.00	1000sqft	91.09	3,968,000.00	0
Apartments Low Rise	7,613.00	Dwelling Unit	475.81	7,613,000.00	21773
Single Family Housing	3,885.00	Dwelling Unit	1,261.36	6,993,000.00	11111

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	321.79	CH4 Intensity (lb/MWhr)	0.013	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - High - 2030 - San Diego County, Winter

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2030

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

Alpine Alternative - High - 2030 - San Diego County, Winter

tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	720.49	321.79
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - High - 2030 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Energy	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
Mobile	0.0000	0.0000	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	18,087.4617	398.3067	22,692.8593	39.6754	0.0000	3,054.2038	3,054.2038	0.0000	3,054.2038	3,054.2038	319,319.3600	190,231.0153	509,550.3753	297.3549	26.1180	524,767.3994

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	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Energy	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
Mobile	0.0000	0.0000	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	18,087.4617	398.3067	22,692.8593	39.6754	0.0000	3,054.2038	3,054.2038	0.0000	3,054.2038	3,054.2038	319,319.3600	190,231.0153	509,550.3753	297.3549	26.1180	524,767.3994

Alpine Alternative - High - 2030 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - High - 2030 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - High - 2030 - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
NaturalGas Unmitigated	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957

Alpine Alternative - High - 2030 - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	156252	1.6851	14.3997	6.1275	0.0919		1.1642	1.1642		1.1642	1.1642		18,382.5547	18,382.5547	0.3523	0.3370	18,491.7930
General Office Building	167308	1.8043	16.4028	13.7783	0.0984		1.2466	1.2466		1.2466	1.2466		19,683.3264	19,683.3264	0.3773	0.3609	19,800.2945
Single Family Housing	140576	1.5160	12.9550	5.5128	0.0827		1.0474	1.0474		1.0474	1.0474		16,538.3292	16,538.3292	0.3170	0.3032	16,636.6082
Total		5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	156.252	1.6851	14.3997	6.1275	0.0919		1.1642	1.1642		1.1642	1.1642		18,382.5547	18,382.5547	0.3523	0.3370	18,491.7930
General Office Building	167.308	1.8043	16.4028	13.7783	0.0984		1.2466	1.2466		1.2466	1.2466		19,683.3264	19,683.3264	0.3773	0.3609	19,800.2945
Single Family Housing	140.576	1.5160	12.9550	5.5128	0.0827		1.0474	1.0474		1.0474	1.0474		16,538.3292	16,538.3292	0.3170	0.3032	16,636.6082
Total		5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957

6.0 Area Detail

Alpine Alternative - High - 2030 - San Diego County, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Unmitigated	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037

Alpine Alternative - High - 2030 - San Diego County, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	60.1562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	397.4836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	17,596.48 13	343.6390	21,720.94 49	39.3522		3,045.483 5	3,045.483 5		3,045.483 5	3,045.4835	319,319.3 600	133,917.8 824	453,237.2 423	294.6788	25.1169	468,089.0 414
Landscaping	28.3352	10.9103	946.4959	0.0501		5.2620	5.2620		5.2620	5.2620		1,708.922 8	1,708.922 8	1.6296		1,749.662 4
Total	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037

Alpine Alternative - High - 2030 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	60.1562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	397.4836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	17,596.48 13	343.6390	21,720.94 49	39.3522		3,045.483 5	3,045.483 5		3,045.483 5	3,045.4835	319,319.3 600	133,917.8 824	453,237.2 423	294.6788	25.1169	468,089.0 414
Landscaping	28.3352	10.9103	946.4959	0.0501		5.2620	5.2620		5.2620	5.2620		1,708.922 8	1,708.922 8	1.6296		1,749.662 4
Total	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3,968.00	1000sqft	91.09	3,968,000.00	0
Apartments Low Rise	7,613.00	Dwelling Unit	475.81	7,613,000.00	21773
Single Family Housing	3,885.00	Dwelling Unit	1,261.36	6,993,000.00	11111

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

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tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267
Energy	0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	2,384.6830	0.0000	2,384.6830	140.9307	0.0000	5,907.9513
Water						0.0000	0.0000		0.0000	0.0000	461.4104	0.0000	461.4104	47.3913	1.1190	1,979.6573
Total	808.4387	23.0569	980.3823	1.6678	0.0000	125.9695	125.9695	0.0000	125.9695	125.9695	14,723.0411	14,160.8858	28,883.9269	199.5888	2.2190	34,534.8968

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2.2 Overall Operational

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	tons/yr										MT/yr					
Area	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267
Energy	0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	2,384.6830	0.0000	2,384.6830	140.9307	0.0000	5,907.9513
Water						0.0000	0.0000		0.0000	0.0000	461.4104	0.0000	461.4104	47.3913	1.1190	1,979.6573
Total	808.4387	23.0569	980.3823	1.6678	0.0000	125.9695	125.9695	0.0000	125.9695	125.9695	14,723.0411	14,160.8858	28,883.9269	199.5888	2.2190	34,534.8968

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616
NaturalGas Unmitigated	0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616

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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	5.70319e+007	0.3075	2.6279	1.1183	0.0168		0.2125	0.2125		0.2125	0.2125	0.0000	3,043.4381	3,043.4381	0.0583	0.0558	3,061.5237
General Office Building	6.10675e+007	0.3293	2.9935	2.5145	0.0180		0.2275	0.2275		0.2275	0.2275	0.0000	3,258.7954	3,258.7954	0.0625	0.0597	3,278.1608
Single Family Housing	5.13102e+007	0.2767	2.3643	1.0061	0.0151		0.1912	0.1912		0.1912	0.1912	0.0000	2,738.1059	2,738.1059	0.0525	0.0502	2,754.3771
Total		0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	5.70319e+007	0.3075	2.6279	1.1183	0.0168		0.2125	0.2125		0.2125	0.2125	0.0000	3,043.4381	3,043.4381	0.0583	0.0558	3,061.5237
General Office Building	6.10675e+007	0.3293	2.9935	2.5145	0.0180		0.2275	0.2275		0.2275	0.2275	0.0000	3,258.7954	3,258.7954	0.0625	0.0597	3,278.1608
Single Family Housing	5.13102e+007	0.2767	2.3643	1.0061	0.0151		0.1912	0.1912		0.1912	0.1912	0.0000	2,738.1059	2,738.1059	0.0525	0.0502	2,754.3771
Total		0.9135	7.9857	4.6389	0.0498		0.6311	0.6311		0.6311	0.6311	0.0000	9,040.3394	9,040.3394	0.1733	0.1657	9,094.0616

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	3.12568e+007	0.0000	0.0000	0.0000	0.0000
General Office Building	4.77747e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.07708e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	3.12568e+007	0.0000	0.0000	0.0000	0.0000
General Office Building	4.77747e+007	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.07708e+007	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267
Unmitigated	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267

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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	tons/yr										MT/yr					
Architectural Coating	10.9785					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	72.5408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	721.4557	14.0892	890.5587	1.6134		124.8648	124.8648		124.8648	124.8648	11,876.9477	4,981.0186	16,857.9663	10.9605	0.9342	17,410.3727
Landscaping	2.5502	0.9819	85.1846	4.5100e-003		0.4736	0.4736		0.4736	0.4736	0.0000	139.5278	139.5278	0.1331	0.0000	142.8540
Total	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267

Alpine Alternative - High - 2050 - San Diego County, Annual

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	tons/yr										MT/yr					
Architectural Coating	10.9785					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	72.5408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	721.4557	14.0892	890.5587	1.6134		124.8648	124.8648		124.8648	124.8648	11,876.9477	4,981.0186	16,857.9663	10.9605	0.9342	17,410.3727
Landscaping	2.5502	0.9819	85.1846	4.5100e-003		0.4736	0.4736		0.4736	0.4736	0.0000	139.5278	139.5278	0.1331	0.0000	142.8540
Total	807.5252	15.0711	975.7434	1.6180		125.3384	125.3384		125.3384	125.3384	11,876.9477	5,120.5464	16,997.4941	11.0935	0.9342	17,553.2267

7.0 Water Detail

7.1 Mitigation Measures Water

Alpine Alternative - High - 2050 - San Diego County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	461.4104	47.3913	1.1190	1,979.657 3
Unmitigated	461.4104	47.3913	1.1190	1,979.657 3

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	496.018 / 312.707	157.3635	16.1627	0.3816	675.1599
General Office Building	705.248 / 432.248	223.7425	22.9805	0.5426	959.9556
Single Family Housing	253.123 / 159.578	80.3044	8.2480	0.1948	344.5418
Total		461.4104	47.3913	1.1190	1,979.657 3

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	496.018 / 312.707	157.3635	16.1627	0.3816	675.1599
General Office Building	705.248 / 432.248	223.7425	22.9805	0.5426	959.9556
Single Family Housing	253.123 / 159.578	80.3044	8.2480	0.1948	344.5418
Total		461.4104	47.3913	1.1190	1,979.6573

8.0 Waste Detail

8.1 Mitigation Measures Waste

Alpine Alternative - High - 2050 - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2,384.683 0	140.9307	0.0000	5,907.951 3
Unmitigated	2,384.683 0	140.9307	0.0000	5,907.951 3

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	3501.98	710.8703	42.0112	0.0000	1,761.1511
General Office Building	3690.24	749.0854	44.2697	0.0000	1,855.827 3
Single Family Housing	4555.51	924.7274	54.6498	0.0000	2,290.972 9
Total		2,384.683 0	140.9307	0.0000	5,907.951 3

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	3501.98	710.8703	42.0112	0.0000	1,761.1511
General Office Building	3690.24	749.0854	44.2697	0.0000	1,855.8273
Single Family Housing	4555.51	924.7274	54.6498	0.0000	2,290.9729
Total		2,384.6830	140.9307	0.0000	5,907.9513

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
----------------	--------

11.0 Vegetation

Alpine Alternative - High - 2050 - San Diego County, Summer

Alpine Alternative - High - 2050
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3,968.00	1000sqft	91.09	3,968,000.00	0
Apartments Low Rise	7,613.00	Dwelling Unit	475.81	7,613,000.00	21773
Single Family Housing	3,885.00	Dwelling Unit	1,261.36	6,993,000.00	11111

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - High - 2050 - San Diego County, Summer

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

Alpine Alternative - High - 2050 - San Diego County, Summer

tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - High - 2050 - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Energy	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
Mobile	0.0000	0.0000	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	18,087.4617	398.3067	22,692.8593	39.6754	0.0000	3,054.2038	3,054.2038	0.0000	3,054.2038	3,054.2038	319,319.3600	190,231.0153	509,550.3753	297.3549	26.1180	524,767.3994

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	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Energy	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
Mobile	0.0000	0.0000	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	18,087.4617	398.3067	22,692.8593	39.6754	0.0000	3,054.2038	3,054.2038	0.0000	3,054.2038	3,054.2038	319,319.3600	190,231.0153	509,550.3753	297.3549	26.1180	524,767.3994

Alpine Alternative - High - 2050 - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - High - 2050 - San Diego County, Summer

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - High - 2050 - San Diego County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
NaturalGas Unmitigated	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957

Alpine Alternative - High - 2050 - San Diego County, Summer

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	156252	1.6851	14.3997	6.1275	0.0919		1.1642	1.1642		1.1642	1.1642		18,382.55 47	18,382.55 47	0.3523	0.3370	18,491.79 30
General Office Building	167308	1.8043	16.4028	13.7783	0.0984		1.2466	1.2466		1.2466	1.2466		19,683.32 64	19,683.32 64	0.3773	0.3609	19,800.29 45
Single Family Housing	140576	1.5160	12.9550	5.5128	0.0827		1.0474	1.0474		1.0474	1.0474		16,538.32 92	16,538.32 92	0.3170	0.3032	16,636.60 82
Total		5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.21 02	54,604.21 02	1.0466	1.0011	54,928.69 57

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	156.252	1.6851	14.3997	6.1275	0.0919		1.1642	1.1642		1.1642	1.1642		18,382.55 47	18,382.55 47	0.3523	0.3370	18,491.79 30
General Office Building	167.308	1.8043	16.4028	13.7783	0.0984		1.2466	1.2466		1.2466	1.2466		19,683.32 64	19,683.32 64	0.3773	0.3609	19,800.29 45
Single Family Housing	140.576	1.5160	12.9550	5.5128	0.0827		1.0474	1.0474		1.0474	1.0474		16,538.32 92	16,538.32 92	0.3170	0.3032	16,636.60 82
Total		5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.21 02	54,604.21 02	1.0466	1.0011	54,928.69 57

6.0 Area Detail

Alpine Alternative - High - 2050 - San Diego County, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Unmitigated	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037

Alpine Alternative - High - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	60.1562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	397.4836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	17,596.48 13	343.6390	21,720.94 49	39.3522		3,045.483 5	3,045.483 5		3,045.483 5	3,045.4835	319,319.3 600	133,917.8 824	453,237.2 423	294.6788	25.1169	468,089.0 414
Landscaping	28.3352	10.9103	946.4959	0.0501		5.2620	5.2620		5.2620	5.2620		1,708.922 8	1,708.922 8	1.6296		1,749.662 4
Total	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037

Alpine Alternative - High - 2050 - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	60.1562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	397.4836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	17,596.48 13	343.6390	21,720.94 49	39.3522		3,045.483 5	3,045.483 5		3,045.483 5	3,045.4835	319,319.3 600	133,917.8 824	453,237.2 423	294.6788	25.1169	468,089.0 414
Landscaping	28.3352	10.9103	946.4959	0.0501		5.2620	5.2620		5.2620	5.2620		1,708.922 8	1,708.922 8	1.6296		1,749.662 4
Total	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine Alternative - High - 2050 - San Diego County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Alpine Alternative - High - 2050 - San Diego County, Winter

Alpine Alternative - High - 2050
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3,968.00	1000sqft	91.09	3,968,000.00	0
Apartments Low Rise	7,613.00	Dwelling Unit	475.81	7,613,000.00	21773
Single Family Housing	3,885.00	Dwelling Unit	1,261.36	6,993,000.00	11111

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Alpine Alternative - High - 2050 - San Diego County, Winter

Project Characteristics - Operational model only
 SDG&E Intensity Factors adjusted for 2050

Land Use -

Construction Phase - No Construction

Off-road Equipment - No Construction

Trips and VMT - No Construction

On-road Fugitive Dust - No Construction

Demolition - No Construction

Grading - No Construction

Architectural Coating - No Construction

Vehicle Trips - No mobile

Area Coating - Rule 67.0.1

Energy Use - Adjusted to meet 2019 Title 24 Standards

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstructionPhase	NumDays	10,000.00	0.00
tblConstructionPhase	PhaseEndDate	5/1/2059	12/31/2020
tblEnergyUse	T24E	260.86	122.60
tblEnergyUse	T24E	4.66	3.26
tblEnergyUse	T24E	331.07	155.60
tblEnergyUse	T24NG	7,045.49	3,311.38

Alpine Alternative - High - 2050 - San Diego County, Winter

tblEnergyUse	T24NG	15.99	11.19
tblEnergyUse	T24NG	19,206.92	9,027.25
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.52	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Alpine Alternative - High - 2050 - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Energy	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
Mobile	0.0000	0.0000	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	18,087.4617	398.3067	22,692.8593	39.6754	0.0000	3,054.2038	3,054.2038	0.0000	3,054.2038	3,054.2038	319,319.3600	190,231.0153	509,550.3753	297.3549	26.1180	524,767.3994

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	18,082.4563	354.5493	22,667.4407	39.4024		3,050.7456	3,050.7456		3,050.7456	3,050.7456	319,319.3600	135,626.8051	454,946.1651	296.3084	25.1169	469,838.7037
Energy	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
Mobile	0.0000	0.0000	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	18,087.4617	398.3067	22,692.8593	39.6754	0.0000	3,054.2038	3,054.2038	0.0000	3,054.2038	3,054.2038	319,319.3600	190,231.0153	509,550.3753	297.3549	26.1180	524,767.3994

Alpine Alternative - High - 2050 - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	12/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Alpine Alternative - High - 2050 - San Diego County, Winter

3.1 Mitigation Measures Construction

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Alpine Alternative - High - 2050 - San Diego County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
General Office Building	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957
NaturalGas Unmitigated	5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957

Alpine Alternative - High - 2050 - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	156252	1.6851	14.3997	6.1275	0.0919		1.1642	1.1642		1.1642	1.1642		18,382.5547	18,382.5547	0.3523	0.3370	18,491.7930
General Office Building	167308	1.8043	16.4028	13.7783	0.0984		1.2466	1.2466		1.2466	1.2466		19,683.3264	19,683.3264	0.3773	0.3609	19,800.2945
Single Family Housing	140576	1.5160	12.9550	5.5128	0.0827		1.0474	1.0474		1.0474	1.0474		16,538.3292	16,538.3292	0.3170	0.3032	16,636.6082
Total		5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	156.252	1.6851	14.3997	6.1275	0.0919		1.1642	1.1642		1.1642	1.1642		18,382.5547	18,382.5547	0.3523	0.3370	18,491.7930
General Office Building	167.308	1.8043	16.4028	13.7783	0.0984		1.2466	1.2466		1.2466	1.2466		19,683.3264	19,683.3264	0.3773	0.3609	19,800.2945
Single Family Housing	140.576	1.5160	12.9550	5.5128	0.0827		1.0474	1.0474		1.0474	1.0474		16,538.3292	16,538.3292	0.3170	0.3032	16,636.6082
Total		5.0054	43.7575	25.4186	0.2730		3.4583	3.4583		3.4583	3.4583		54,604.2102	54,604.2102	1.0466	1.0011	54,928.6957

6.0 Area Detail

Alpine Alternative - High - 2050 - San Diego County, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037
Unmitigated	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037

Alpine Alternative - High - 2050 - San Diego County, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	60.1562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	397.4836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	17,596.48 13	343.6390	21,720.94 49	39.3522		3,045.483 5	3,045.483 5		3,045.483 5	3,045.4835	319,319.3 600	133,917.8 824	453,237.2 423	294.6788	25.1169	468,089.0 414
Landscaping	28.3352	10.9103	946.4959	0.0501		5.2620	5.2620		5.2620	5.2620		1,708.922 8	1,708.922 8	1.6296		1,749.662 4
Total	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037

Alpine Alternative - High - 2050 - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	60.1562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	397.4836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	17,596.48 13	343.6390	21,720.94 49	39.3522		3,045.483 5	3,045.483 5		3,045.483 5	3,045.4835	319,319.3 600	133,917.8 824	453,237.2 423	294.6788	25.1169	468,089.0 414
Landscaping	28.3352	10.9103	946.4959	0.0501		5.2620	5.2620		5.2620	5.2620		1,708.922 8	1,708.922 8	1.6296		1,749.662 4
Total	18,082.45 63	354.5493	22,667.44 07	39.4024		3,050.745 6	3,050.745 6		3,050.745 6	3,050.7456	319,319.3 600	135,626.8 051	454,946.1 651	296.3084	25.1169	469,838.7 037

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Alpine Alternative - High - 2050 - San Diego County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation
