Appendix C1

Air Quality and Greenhouse Gas Emissions Calculations

C1.a Criteria Air Pollutant and GHG Emissions Summary

Criteria Air Pollutant Emission Summary

BASELINE EMISSIONS

BASELINE OPERATIONAL EMISSIONS (pounds/day)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
Existing Total	**70**	**124**	**66**	**16**	**147,007**
Mobile	58.5	122.0	65.5	15.7	131,845.0
Area	11.7	0.0	0.0	0.0	3.3
Energy	0.2	2.0	0.1	0.1	10,347.9
Waste	N/A	N/A	N/A	N/A	2,965.9
Water	N/A	N/A	N/A	N/A	1,844.6
All non-mobile	11.9	2.0	0.2	0.2	15,161.7

Note: Mobile emissions in the baseline operational emissions calculation uses 2015 VMT/Trip values from the City model and 2019 emission factors.

BASELINE OPERATIONAL EMISSIONS (tons/year)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
Existing Total	**11**	**20**	**10**	**3**	**21,348**
Mobile	9.2	19.2	10.3	2.5	18,838.3
Area	2.1	0.0	0.0	0.0	0.5
Energy	0.0	0.4	0.0	0.0	1,713.2
Waste	N/A	N/A	N/A	N/A	491.0
Water	N/A	N/A	N/A	N/A	305.4
All non-mobile	2.2	0.4	0.0	0.0	2,510.2

Note: Mobile emissions in the baseline operational emissions calculation uses 2015 VMT/Trip values from the City model and 2019 emission factors.

PROPOSED EMISSIONS

CONSTRUCTION EMISSIONS (pounds/day) - calculated from tons/year table

Year	ROG_Demolition Off-road equipment	ROG_Excavation Off-road Equipment	ROG_Subblock Off-Road Equipment	ROG_Bridge Off Road Equipment	ROG_Off Road Tier Adjustment (bridge/demo only)	ROG_On-road (Haul, Vendor, Worker)	ROG_total	NOX_Demolition Off-road equipment	NOX_Excavation Off-road Equipment	NOX_Subblock Off-Road Equipment	NOX_Bridge Off Road Equipment	NOX_Off Road Tier Adjustment (bridge/demo only)	NOX_On-road (Haul, Vendor, Worker)	NOX_total	PM10 EXH_Demolition Off-road equipment	PM10 EXH_Excavation Off-road Equipment	PM10 EXH_Subblock Off-Road Equipment	PM10 EXH_Bridge Off Road Equipment	PM10 EXH_Off Road Tier Adjustment (bridge/demo only)	PM10 EXH_On-road (Haul, Vendor, Worker)	PM10 EXH Total	PM25 EXH_Demolition Off-road equipment	PM25 EXH_Excavation Off-road Equipment	PM25 EXH_Subblock Off-Road Equipment	PM25 EXH_Bridge Off Road Equipment	PM25 EXH_Off Road Tier Adjustment (bridge/demo only)	PM25 EXH_On-road (Haul, Vendor, Worker)
2021	1.5590	1.4003	0.0000	0.0000	0.05	1.6560	**5**	12.8513	6.7546	0.0000	0.0000	2.4474	37.1613	**59**	0.4590	0.1882	0.0000	0.0000	0.0965	0.4298	**1**	0.4321	0.1882	0.0000	0.0000	0.0909	0.2302
2022	0.3718	2.8007	0.3167	0.2447	0.02	2.4163	**6**	3.0372	13.5092	1.3866	1.0609	1.0425	64.4989	**85**	0.0981	0.3764	0.0398	0.0327	0.0267	0.4838	**1**	0.0929	0.3764	0.0398	0.0327	0.0257	0.2151
2023	0.0000	2.8007	2.0059	0.2410	0.01	1.9466	**7**	0.0000	13.5092	9.1490	1.0449	0.3803	57.7863	**82**	0.0000	0.3764	0.2813	0.0322	0.0066	0.3748	**1**	0.0000	0.3764	0.2812	0.0322	0.0066	0.1260
2024	0.0000	1.4003	6.3396	0.0872	0.00	3.1047	**11**	0.0000	6.7546	31.1327	0.3776	0.1438	67.6130	**106**	0.0000	0.1882	0.9339	0.0116	0.0026	0.3908	**2**	0.0000	0.1882	0.9338	0.0116	0.0026	0.1960
2025	0.8327	0.7604	71.1800	0.0000	0.02	4.5341	**77**	5.7372	3.3842	39.0115	0.0000	1.0926	89.9494	**139**	0.1032	0.0966	1.1745	0.0000	0.0217	0.4821	**2**	0.1032	0.0966	1.1745	0.0000	0.0217	0.2812
2026	0.0000	1.5207	155.2294	0.0000		4.0635	**161**	0.0000	6.7685	27.8199	0.0000		87.2423	**122**	0.0000	0.1932	0.8341	0.0000		0.4847	**2**	0.0000	0.1932	0.8340	0.0000		0.2587
2027	0.3724	0.3802	147.6336	0.0000	0.01	2.1848	**151**	2.5635	1.6921	22.6071	0.0000	0.4882	43.8177	**71**	0.0462	0.0483	0.6780	0.0000	0.0097	0.2367	**1**	0.0462	0.0483	0.6779	0.0000	0.0097	0.1402
2028	0.1769	0.0000	32.0150	0.0000	0.01	1.4378	**34**	1.2205	0.0000	12.8855	0.0000	0.2324	28.2632	**43**	0.0220	0.0000	0.3917	0.0000	0.0046	0.1342	**1**	0.0220	0.0000	0.3917	0.0000	0.0046	0.0831
2029	0.0000	1.8251	73.1363	0.0000		2.2268	**77**	0.0000	8.3698	25.2728	0.0000		59.4710	**93**	0.0000	0.2368	0.7594	0.0000		0.3677	**1**	0.0000	0.2367	0.7592	0.0000		0.1597
2030	0.0000	2.5399	25.0881	0.0000		2.6529	**30**	0.0000	11.6651	20.5933	0.0000		70.5105	**103**	0.0000	0.3298	0.6281	0.0000		0.4045	**1**	0.0000	0.3298	0.6280	0.0000		0.1774
2031	0.0000	1.2700	69.5171	0.0000		1.4172	**72**	0.0000	5.8326	12.5570	0.0000		35.6031	**54**	0.0000	0.1649	0.3779	0.0000		0.2187	**1**	0.0000	0.1649	0.3779	0.0000		0.1047
2032			78.4425			0.0047	**78**			5.2841			0.0380	**5**			0.1408			0.0010	**0**			0.1408			0.0009
Maximum							**160.81**							**139.17**							**1.88**						
Total							**630.80**							**961.61**							**13.42**						
Threshold							54							54							82						
Exceed Threshold?							Yes							Yes							No						

CONSTRUCTION EMISSIONS (tons/year)

Year	ROG_Demolition Off-road equipment	ROG_Excavation Off-road Equipment	ROG_Subblock Off-Road Equipment	ROG_Bridge Off Road Equipment	ROG_Off Road Tier Adjustment (bridge/demo only)	ROG_On-road (Haul, Vendor, Worker)	ROG_total	NOX_Demolition Off-road equipment	NOX_Excavation Off-road Equipment	NOX_Subblock Off-Road Equipment	NOX_Bridge Off Road Equipment	NOX_Off Road Tier Adjustment (bridge/demo only)	NOX_On-road (Haul, Vendor, Worker)	NOX_total	PM10 EXH_Demolition Off-road equipment	PM10 EXH_Excavation Off-road Equipment	PM10 EXH_Subblock Off-Road Equipment	PM10 EXH_Bridge Off Road Equipment	PM10 EXH_Off Road Tier Adjustment (bridge/demo only)	PM10 EXH_On-road (Haul, Vendor, Worker)	PM10 EXH Total	PM25 EXH_Demolition Off-road equipment	PM25 EXH_Excavation Off-road Equipment	PM25 EXH_Subblock Off-Road Equipment	PM25 EXH_Bridge Off Road Equipment	PM25 EXH_Off Road Tier Adjustment (bridge/demo only)	PM25 EXH_On-road (Haul, Vendor, Worker)
2021	0.2432	0.2185			0.007173	0.258332	**1**	2.0048	1.0537			0.381802	5.797169	**9**	0.0716	0.0294			0.015057	0.0670485	**0**	0.0674	0.0294			0.014174	0.035909
2022	0.0580	0.4369	0.0494	0.0382	0.003019	0.376941	**1**	0.4738	2.1074	0.2163	0.1655	0.162636	10.06182	**13**	0.0153	0.0587	0.0062	0.0051	0.004167	0.0754722	**0**	0.0145	0.0587	0.0062	0.0051	0.004003	0.033555
2023		0.4369	0.3129	0.0376	0.000967	0.303676	**1**		2.1074	1.4272	0.1630	0.059321	9.014664	**13**		0.0587	0.0439	0.0050	0.001033	0.0584679	**0**		0.0587	0.0439	0.0050	0.001033	0.019658
2024		0.2185	0.9890	0.0136	0.00057	0.484328	**2**		1.0537	4.8567	0.0589	0.02243	10.54763	**17**		0.0294	0.1457	0.0018	0.000408	0.0609617	**0**		0.0294	0.1457	0.0018	0.000408	0.030569
2025	0.1299	0.1186	11.1041		0.003831	0.707323	**12**	0.8950	0.5279	6.0858		0.170447	14.03211	**22**	0.0161	0.0151	0.1832		0.003386	0.0752137	**0**	0.0161	0.0151	0.1832		0.003386	0.043868
2026		0.2372	24.2158		0	0.63391	**25**		1.0559	4.3399		0	13.6098	**19**		0.0301	0.1301		0	0.0756164	**0**		0.0301	0.1301		0	0.040363
2027	0.0581	0.0593	23.0308		0.001714	0.340835	**23**	0.3999	0.2640	3.5267		0.076159	6.835561	**11**	0.0072	0.0075	0.1058		0.001516	0.0369245	**0**	0.0072	0.0075	0.1058		0.001516	0.021877
2028	0.0276		4.9943		0.000814	0.224302	**5**	0.1904		2.0101		0.036261	4.409053	**7**	0.0034		0.0611		0.000721	0.02093	**0**	0.0034		0.0611		0.000721	0.012962
2029		0.2847	11.4093		0	0.347375	**12**		1.3057	3.9426		0	9.277481	**15**		0.0369	0.1185		0	0.0573674	**0**		0.0369	0.1184		0	0.024913
2030		0.3962	3.9137		0	0.413858	**5**		1.8198	3.2126		0	10.99964	**16**		0.0515	0.0980		0	0.0630996	**0**		0.0514	0.0980		0	0.027678
2031		0.1981	10.8447		0	0.221083	**11**		0.9099	1.9589		0	5.554079	**8**		0.0257	0.0590		0	0.0341186	**0**		0.0257	0.0590		0	0.016335
2032			12.2370			0.000731	**12**			0.8243			0.00593	**1**			0.0220			0.000159	**0**			0.0220			0.000146
Maximum							**25.09**							**21.71**							**0.29**						
Total							**110.64**							**150.01**							**2.09**						
Threshold							10							10							15						
Exceed Threshold?							Yes							Yes							No						

PM2.5 EXH Total	CO2e_Demolition Off-road equipment	CO2e_Excavation Off-road Equipment	CO2e_Subblock Off-Road Equipment	CO2e_Bridge Off-road equipment	CO2e_On-road (Haul, Vendor, Worker)	Construction office	CO2e
1	8647.6170	12116.8072	0.0000	0.0000	14440.5879	44.2735	**35249**
1	2155.3185	21170.2772	1897.7324	2090.3578	25977.4695	44.2735	**53335**
1	0.0000	21170.2772	12282.6479	2093.7396	29320.3405	44.2735	**64911**
1	0.0000	10585.1386	46375.7261	768.9919	42454.0252	44.2735	**100228**
2	6496.6555	5256.7337	59679.5788	0.0000	60184.5978	44.2735	**131662**
1	0.0000	10513.4675	42172.4817	0.0000	55274.2886	44.2735	**108005**
1	2902.7610	2628.3669	33933.0584	0.0000	30173.1386	44.2735	**69682**
1	1382.2671	0.0000	20238.8009	0.0000	18082.6352	44.2735	**39748**
1	0.0000	13029.0214	36973.8639	0.0000	32884.3540	44.2735	**82932**
1	0.0000	18157.5845	30656.8110	0.0000	36040.2091	44.2735	**84899**
1	0.0000	9078.7923	19312.7874	0.0000	21981.2204	44.2735	**50417**
0			9805.0076		252.7477		**10058**
1.68							**131661.84**
11.35	**21584.62**	**123706.47**	**303523.49**	**4953.09**	**366812.87**		**831125.29**
54							
No							

PM2.5 EXH Total	CO2e_Demolition Off-road equipment	CO2e_Excavation Off-road Equipment	CO2e_Subblock Off-Road Equipment	CO2e_Bridge Off-road equipment	CO2e_On-road (Haul, Vendor, Worker)	Construction office	CO2e
0	1223.8193	1714.7825			2043.6463	6.2656	**4989**
0	305.0228	2996.0385	268.5690	295.8295	3676.3571	6.2656	**7548**
0		2996.0385	1738.2525	296.3081	4149.4436	6.2656	**9186**
0		1498.0193	6563.1386	108.8285	6008.1356	6.2656	**14184**
0	919.4131	743.9382	8445.9129		8517.3837	6.2656	**18633**
0		1487.8763	5968.2913		7822.4719	6.2656	**15285**
0	410.8016	371.9691	4802.2399		4270.1324	6.2656	**9861**
0	195.6198		2864.2151		2559.0724	6.2656	**5625**
0		1843.8800	5232.5777		4653.8263	6.2656	**11737**
0		2569.6793	4338.5822		5100.4460	6.2656	**12015**
0		1284.8397	2733.1647		3110.8040	6.2656	**7135**
0			1387.6144		35.7691		**1423**
0.26							**18632.91**
1.77	**3054.68**	**17507.06**	**44342.56**	**700.97**	**51911.72**	**68.92**	**117621.67**
10					Annual:		3,921
No							

PROPOSED EMISSIONS

OPERATIONAL EMISSIONS (pounds/day)

Proposed split for backcasted emissions of Phase 1	Year	ROG_Mobile	ROG_TRU	ROG_Stationary Sources	ROG_Subblock	**ROG_total**	NOX_Mobile	NOX_TRU	NOX_Stationary Sources	NOX_Subblock	**NOX_total**	PM10_Mobile	PM10_TRU	PM10_Stationary Sources	PM10_Subblock
	2021					**0**					**0**				
	2022					**0**					**0**				
	2023					**0**					**0**				
	2024					**0**					**0**				
20%	2025					**66**					**55**				
60%	2026					**198**					**165**				
90%	2027					**296**					**248**				
100%	2028	135.8255	0.5078	1.4158	191.5946	**329**	245.7529	5.1145	23.1045	1.6945	**276**	256.0406	0.1699	6.1701	0.7410
	2029	135.8255	0.5078	1.4158	191.5946	**329**	245.7529	5.1145	23.1045	1.6945	**276**	256.0406	0.1699	6.1701	0.7410
	2030	135.8255	0.5078	1.8938	253.0811	**391**	245.7529	5.1145	31.1023	1.9996	**284**	256.0406	0.1699	6.8637	0.8773
Phase 2a operational	2031	135.8255	0.5078	1.8938	253.0811	**391**	245.7529	5.1145	31.1023	1.9996	**284**	256.0406	0.1699	6.8637	0.8773
Phase 2b and 3 operational	2032	125.0838	0.5078	2.4836	342.5792	**471**	255.7833	5.1145	41.7659	3.0896	**306**	317.7159	0.1699	7.8816	1.3816
	Maximum					**471**					**306**				
	Total					**2472**					**1894**				
	Threshold					54					54				
	Exceed Threshold?					Yes					Yes				

OPERATIONAL EMISSIONS (tons/year) Note: Operational GHG emissions are extrapolated backwards to 2025 to show a linear progression of some buildings becoming operational prior to the end of construction in Phase 1. (20% in 2025, 60% in 2026, and 90%

	Year	ROG_Mobile	ROG_TRU	ROG_Stationary Sources	ROG_Subblock	**ROG_total**	NOX_Mobile	NOX_TRU	NOX_Stationary Sources	NOX_Subblock	**NOX_total**	PM10_Mobile	PM10_TRU	PM10_Stationary Sources	PM10_Subblock
	2021					**0**					**0**				
	2022					**0**					**0**				
	2023					**0**					**0**				
	2024					**0**					**0**				
	2025					**11**					**9**				
	2026					**34**					**26**				
	2027					**51**					**40**				
Phase 1 operational	2028	21.3517	0.0927	0.2584	34.9660	**57**	38.6832	0.9334	4.2166	0.3092	**44**	40.3075	0.0310	1.1261	0.1352
	2029	21.3517	0.0927	0.2584	34.9660	**57**	38.6832	0.9334	4.2166	0.3092	**44**	40.3075	0.0310	1.1261	0.1352
Phase 2a operational	2030	21.3517	0.0927	0.3456	46.1873	**68**	38.6832	0.9334	5.6762	0.3649	**46**	40.3075	0.0310	1.2526	0.1601
	2031	21.3517	0.0927	0.3456	46.1873	**68**	38.6832	0.9334	5.6762	0.3649	**46**	40.3075	0.0310	1.2526	0.1601
Phase 2b and 3 operational	2032	19.5920	0.0927	0.4533	62.5207	**83**	40.2253	0.9334	7.6223	0.5639	**49**	49.9795	0.0310	1.4384	0.2521
	Maximum					**83**					**49**				
	Total					**428**					**304**				
	Threshold					10					10				
	Exceed Threshold?					Yes					Yes				

PM10_total	PM25_Mobile	PM25_TRU	PM25_Stationary Sources	PM25_Subblock	PM25_total	CO2e_Mobile	CO2e_TRU	CO2e_Stationary Sources	CO2e_Subblock	CO2e_WWTP	CO2e_Solar	CO2e_total
0					0							0
0					0							0
0					0							0
0					0							0
53					12							102990
158					37							308971
237					56							463456
263	57.5927	0.1563	3.9765	0.7410	62	432244.1145	239.2676	4579.3358	77888.4250			514951
263	57.5927	0.1563	3.9765	0.7410	62	432244.1145	239.2676	4579.3358	97840.1037			534903
264	57.5927	0.1563	4.4876	0.8773	63	432244.1145	239.2676	5978.2452	95999.4237			534461
264	57.5927	0.1563	4.4876	0.8773	63	432244.1145	239.2676	5978.2452	106986.2706			545448
327	70.6241	0.1563	5.2249	1.3816	77	464725.3182	239.2676	8207.6708	108663.7911	-38.0730	-7240.7231	574557
327					77							574557
1829					435							3579737
82					54							
Yes					Yes							

in 2027)

PM10_total	PM25_Mobile	PM25_TRU	PM25_Stationary Sources	PM25_Subblock	PM25_total	CO2e_Mobile	CO2e_TRU	CO2e_Stationary Sources	CO2e_Subblock	CO2e_WWTP	CO2e_Solar	CO2e_total
0					0							0
0					0							0
0					0							0
0					0							0
8					2							15073
25					6							45218
37					9							67826
42	9.0631	0.0285	0.7257	0.1352	10	61665.6239	43.6663	758.1613	12895.3176			75363
42	9.0631	0.0285	0.7257	0.1352	10	61665.6239	43.6663	758.1613	16198.5457			78666
42	9.0631	0.0285	0.8190	0.1601	10	61665.6239	43.6663	989.7667	15893.8001			78593
42	9.0631	0.0285	0.8190	0.1601	10	61665.6239	43.6663	989.7667	17712.7980			80412
52	11.0985	0.0285	0.9535	0.2521	12	66119.6653	43.6663	1358.8736	17990.5307	-6.3034	-1198.7843	84308
52					12.3							84308
289					69							525458
15					10							
Yes					Yes							

NET EMISSIONS

CONSTRUCTION + OPERATION EMISSIONS (pounds/day)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
2021	5	59	1	1	35,249
2022	6	85	1	1	53,335
2023	7	82	1	1	64,911
2024	11	106	2	1	100,228
2025	143	194	55	14	234,652
2026	358	287	159	39	416,975
2027	447	319	238	57	533,138
2028	363	318	264	63	554,699
2029	407	369	264	64	617,834
2030	422	387	265	64	619,360
2031	464	338	265	64	595,865
2032	549	311	327	78	584,615
Maximum	549	387	327	78	619,360
Total	3,181	2,855	1,842	446	4,410,862
Threshold	54	54	82	54	
Exceed Threshold?	Yes	Yes	Yes	Yes	

CONSTRUCTION + OPERATION - BASELINE EMISSIONS (pounds/day)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
2021	5	59	1	1	35,249
2022	6	85	1	1	53,335
2023	7	82	1	1	64,911
2024	11	106	2	1	100,228
2025	143	194	55	14	234,652
2026	358	287	159	39	416,975
2027	447	319	238	57	533,138
2028	363	318	264	63	554,699
2029	395	367	264	63	602,673
2030	410	385	265	64	604,198
2031	452	336	265	64	580,703
2032	537	309	327	77	569,453
Maximum	537	385	327	77	604,198
Total	3,134	2,847	1,841	445	4,350,216
Threshold	54	54	82	54	
Exceed Threshold?	Yes	Yes	Yes	Yes	

Note: Existing uses assumed to operate on-site through 2028. Baseline emissions for non-transportation sources subtracted in 2029-2032.

CONSTRUCTION + OPERATION EMISSIONS (tons/year)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
2021	1	9	0	0	4,989
2022	1	13	0	0	7,548
2023	1	13	0	0	9,186
2024	2	17	0	0	14,184
2025	23	31	9	2	33,705
2026	59	45	25	6	60,503
2027	74	51	38	9	77,688
2028	62	51	42	10	80,988
2029	69	59	42	10	90,403
2030	73	62	42	10	90,608
2031	79	54	42	10	87,547
2032	95	50	52	12	85,731
Maximum	95	62	52	12	90,608
Total	539	454	291	71	643,080
Threshold	10	10	15	10	
Exceed Threshold?	Yes	Yes	Yes	Yes	

CONSTRUCTION + OPERATION - BASELINE EMISSIONS (tons/year)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
2021	1	9	0	0	4,989
2022	1	13	0	0	7,548
2023	1	13	0	0	9,186
2024	2	17	0	0	14,184
2025	23	31	9	2	33,705
2026	59	45	25	6	60,503
2027	74	51	38	9	77,688
2028	62	51	42	10	80,988
2029	67	58	42	10	87,892
2030	71	61	42	10	88,098
2031	77	54	42	10	85,037
2032	93	50	52	12	83,221
Maximum	93	61	52	12	88,098
Total	530	453	291	71	633,039
Threshold	10	10	15	10	
Exceed Threshold?	Yes	Yes	Yes	Yes	

Note: Existing uses assumed to operate on-site through 2028. Baseline emissions for non-transportation sources subtracted in 2029-2032.

Project Assumptions

Office North of rail, residential on Lots ABC

	Blocks	TAZ Number	ADEIR-3 OFFICE GSF	CHANGE IN OFFICE GSF	UPDATED OFFICE GSF	ADEIR-3 RESI UNITS	CHANGE IN RESI UNITS	UPDATED RESI UNITS	RESI GSF	ADEIR-3 LIMITED-TERM CORP. ACCOM. ROOMS	CHANGE IN LIMITED-TERM CORP. ACCOM. ROOMS	UPDATED LIMITED-TERM CORP. ACCOM. ROOMS	LIMITED TERM CORP. ACCOM. GSF	HOTEL ROOMS	HOTEL GSF	ADEIR-3 ACTIVE USE GSF	CHANGE IN ACTIVE USE GSF	UPDATED ACTIVE USE GSF	DISTRICT SYSTEMS / LOGISTICS GSF	EVENT GSF	Phase	Proposed Start Date	Proposed End Date
GSF / unit									820			800			800								
Phase 1																							
Demolition (50%), Site Prep																						1/1/2021	4/1/2022
Excavation																						7/1/2021	7/1/2024
CUP/Utilities	F5	885																	87,000		1	10/1/2022	7/1/2025
Sub-Phase 1A																							
	F1-F2	767	1,210,000	440,000	1,650,000			0	0		80	80	64,000			42,000	25,000	67,000	50,000	50,000	1	6/1/2024	10/1/2026
	The Meander pavillions + kiosks	767															4,000	4,000			1	6/1/2024	10/1/2026
	F1.1	767	0		0	300	-300	0	0	170	-170	0	0					0	0		1		
	F6	767	460,000	-460,000	0	0	350	350	287,000			0	0			6,000	7,000	13,000	0		1	7/1/2024	9/1/2026
	F4	767	0		0	95	260	355	291,100	170	-20	150	120,000			23,000	-11,000	12,000	0		1	6/1/2024	10/1/2026
	150 S. Montgomery	767															17,200	17,200			1	10/1/2024	10/1/2026
Sub-Phase 1B													0										
	G1	885	750,000	140,000	890,000	0		0	0			0	0			16,000	-4,000	12,000	(see G1 Cup)		1	1/1/2025	4/1/2027
	LGC Park pavillions + kiosks	885															3,500	3,500			1	1/1/2025	4/1/2027
1	F3	767	80,000	-50,000	30,000	0		0	0		150	150	120,000			1,000	9,000	10,000	0		1	3/1/2025	3/1/2027
	D7	767	500,000	50,000	550,000	0		0	0			0	0			25,000	9,000	34,000	0		1	7/1/2025	10/1/2027
	D3	767	350,000	-350,000	0	0		0	0			0	0			20,000	-20,000	0	0		1		
Sub-Phase 1C																							
	E1.2	1,200	950,000	100,000	1,050,000			0	0			**0**	0			18,000	22,000	20,000	0	50,000	1	10/1/2023	1/1/2026
	E1.1	1,200				890	-40	850	697,000	130	-80	50	40,000				3,000	3,000	0		1	1/1/2024	10/1/2025
	E block pavillions + kiosks	1,200															3,500	3,500			1	10/1/2023	1/1/2026
	D5	767	0		0	0		0	0			0	0			20,000	2,500	22,500	0		1	10/1/2023	12/1/2025
	40 S. Montgomery	767															11,700	11,700			1	1/1/2024	10/1/2025
	D6	767	0		0	0		0	0			0	0			32,000	2,000	34,000	0		1	10/1/2023	12/1/2025
	E1	1,200	0		0	0		0	0			0	0			5,000	-5,000	0	0		1		
	374 W. Santa Clara	1,200	0		0	0		0	0			0	0			17,000	1,000	18,000	0		1		
	D8	767	0		0	0		0	0			0	0			22,000	6,500	28,500	0		1	6/1/2023	10/1/2027
	D9	767	0		0	0		0	0			0	0			4,000	3,000	7,000	0		1	6/1/2023	10/1/2027
	D10	767	0		0	0		0	0			0	0			6,000	-500	5,500	0		1	6/1/2023	10/1/2027
	D11	767	0		0	0		0	0			0	0			5,000	5,000	10,000	0		1	6/1/2023	10/1/2027
	D12	767	0		0	0		0	0			0	0			3,000		3,000	0		1	6/1/2023	10/1/2027
	Autumn St. pavillions + kiosks	767															5,000	5,000			1	6/1/2023	10/1/2027
	D13	767	0		0	0		0	0			0	0			2,000	400	2,400	0		1	6/1/2023	10/1/2027
	H1	1,204	0		0	440	-10	430	352,600			0	0			10,000	-3,500	6,500	0		1	7/1/2024	10/1/2026
	H3	1203	0		0	1,145		1,145	938,900	100		100	80,000			38,000	-21,500	16,500	0		1	7/1/2025	12/1/2027
	SUBTOTAL		4,300,000	-130,000	4,170,000	2,870	260	3,130	2,566,600	570		530	424,000	0		315,000	74,800	389,800	137,000	100,000			
Phase 2																							
Sub-Phase 2A																							
Demolition																						1/1/2025	10/1/2025
Infrastructure																						10/1/2025	1/1/2028
Excavation																						7/1/2025	4/1/2027
	B1	765	640,000	-100,000	540,000	0		0	0		190	190	152,000			10,000	0	10,000	93,000		2	10/1/2026	3/1/2029
	A1	765	1,310,000	-95,000	1,215,000	0		0	0	150	-150	0	0			36,000	-21,000	15,000	0		2	4/1/2027	10/1/2029
	A1 pavillions + kiosks	765															3,500	3,500			2	4/1/2027	10/1/2029
	H4	1203	0		0	515	65	580	475,600			0	0			4,000	12,500	16,500	0		2	2/1/2027	1/1/2029
Sub-Phase 2B																							
Infrastructure																						1/1/2027	7/1/2028
Excavation																						1/1/2029	1/1/2030
	D2	767	450,000	-450,000	0	0		0	0			0	0			31,000	-31,000	0	0		2		
	D1	767	0		0	545	-45	500	410,000			0	0			28,000	-14,000	14,000	0		2	1/1/2029	1/1/2031
	D4	767	600,000	110,000	710,000	0		0	0			0	0			37,000	2,000	39,000	0		2	4/1/2029	6/1/2031
	H2	1,204	0		0	160	170	330	270,600			0	0			9,000		9,000	0		2	1/1/2029	12/1/2030
	SUBTOTAL		3,000,000	-535,000	2,465,000	1,220	190	1,410	1,156,200	150		190	152,000	0		155,000	-48,000	107,000	93,000	0	16		
Phase 3																							
Demolition																						9/1/2027	2/28/2028
Infrastructure																						7/1/2030	10/1/2032
Excavation																						1/1/2030	7/1/2031
	C2	764	0	665,000	665,000	850	-850	0	0			0	0			15,000		15,000	0		3	4/1/2029	10/1/2031
	C3	764	0		0	0	170	170	139,400	80		80	64,000			15,000	-13,000	2,000	0		3	1/1/2030	12/31/2031
	C1	764	0		0	960	230	1,190	975,800			0	0	300	240,000	0	5,200	5,200	0		3	9/1/2029	3/1/2032
	St. John's Triangle pavillions + kiosks	764															1,000	1,000			3	9/1/2029	3/1/2032
	SUBTOTAL		0	665,000	665,000	1,810	-450	1,360	1,115,200	80		80	64,000	300	240,000	30,000	-6,800	23,200	0	0			
	TOTAL		**7,300,000**	**0**	**7,300,000**	**5,900**	**0**	**5,900**	**4,838,000**	**800**		**800**	**640,000**	**300**	**240,000**	**500,000**	**20,000**	**500,000**	**230,000**	**100,000**			

GSF

Office	7,300,000
Residential	4,838,000
Limited Term Corp. Accomodation	640,000
Hotel	240,000
Active Uses	500,000
District Systems	230,000
Event	100,000
Total GSF	**13,848,000**

Residential by Phase

Phase 1	3,130
Phase 2a	580
Phase 2b	830
Phase 3	1,360
Total	**5,900**

Grams	Short Tons	Pounds
907184.74	1	2000

Number of Days	Year
365	1

Number of Construction Days	Year
312	1

Weighted Mobile Days	
315	1

Grams	Metric Tons	Pounds
1000000	1	2204.62

Residential + everything else land use Days	Year
365	1

Office Days	Year
240	1

Square Feet	Acre
43560	1

Asphalt Paving

Pounds	Cubic Yard
773	1

Source: https://www.epa.gov/sites/production/files/2016-04/documents/volume_to_weight_conversion_factors_memorandum_04192016_508fnl.pdf

GWP Potentials

CO2 to CO2e	1
CH4 to CO2e	25
N2O to CO2e	298

PG&E Emission Factors

CO2 Intensity (lb/MWhr)	CH4 Intensity (lb/MWhr)	N2O Intensity (lb/MWhr)
210	0.029	0.006

TAZ	2015_Exising_NoBuild		2015_Exising_with_Project		2015_Proj_Generated		2015_Interim_Year		Int. Yr_Proj_Generated	
	Tot VMT	Tot Trips	Tot VMT	Tot Trips	Tot VMT	Tot Trips	Tot VMT	Tot Trips	Tot VMT	Tot Trips
764	23,203	2,702	82,121	10,538	58,918	7,835	23,519	2,789	316	87
767	18,113	2,541	217,511	26,111	199,398	23,570	172,456	20,716	154,343	18,175
885	1,680	349	43,591	6,052	41,911	5,703	43,752	6,076	42,073	5,728
1200	8,613	920	83,019	8,617	74,406	7,697	84,621	8,720	76,008	7,801
1203	10,757	1,215	55,576	7,113	44,819	5,898	41,014	5,130	30,257	3,916
1204	15,895	1,829	34,599	4,274	18,704	2,445	27,575	3,329	11,680	1,500
2981	553	177	72,703	11,252	72,151	11,075	558	176	5	-1
Total	**78,813**	**9,732**	**589,120**	**73,956**	**510,307**	**64,223**	**393,496**	**46,937**	**314,683**	**37,205**
Daily Trips (Vol. x 2)	**157,626**	**19,465**	**1,178,239**	**147,912**	**1,020,613**	**128,447**	**786,991**	**93,874**	**629,365**	**74,409**
Annual VMT	49,652,190	6,131,324	371,145,373	46,592,123	321,493,183	40,460,799	247,902,310	29,570,241	198,250,120	23,438,917

TAZ	2040_No_Build		2040_with_Project		2040_Proj_Generated		2040_with_Project_27%TDM		2040_Proj_with_27%TDM_Gen	
	Tot VMT	Tot Trips	Tot VMT	Tot Trips	Tot VMT	Tot Trips	Tot VMT	Tot Trips	Tot VMT	Tot Trips
764	130,240	14,420	190,851	21,420	60,611	7,000	169,763	19,133	39,523	4,713
767	93,948	11,137	242,520	28,603	148,572	17,466	215,999	25,556	122,052	14,420
885	34,223	5,351	51,021	7,365	16,798	2,014	44,313	6,549	10,090	1,198
1200	34,706	3,416	70,488	7,393	35,783	3,978	61,820	6,582	27,115	3,166
1203	29,753	3,237	61,859	7,410	32,106	4,173	54,128	6,596	24,375	3,359
1204	151,789	15,631	163,422	17,034	11,633	1,403	145,202	15,212	-6,588	-420
2981	122,091	12,950	209,819	21,761	87,729	8,811	186,829	19,441	64,738	6,491
Total	**596,749**	**66,141**	**989,981**	**110,986**	**393,232**	**44,845**	**878,054**	**99,069**	**281,306**	**32,928**
Daily Trips (Vol. x 2)	**1,193,498**	**132,282**	**1,979,961**	**221,972**	**786,463**	**89,689**	**1,756,109**	**198,137**	**562,611**	**65,855**
Annual VMT	375,951,832	41,668,887	623,687,753	69,921,029	247,735,921	28,252,142	553,174,310	62,413,281	177,222,478	20,744,394
									71.5%	73.4%

Summary Table for Air Quality purposes

	VMT (mi)	# Trips
Ex. (2015) No Build	49,652,190	6,131,324
Interim Yr -Ph. 1 complt	198,250,120	23,438,917
2040 with Project	247,735,921	28,252,142

VMT/Trip Mix + Exhaust Emissions + Brake and Tire Wear Emissions, YEAR 2026 Annual

Mode	VMT %	Trip %	ROG_RUNEX	Weighted ROG_RUNEX (g/mi)	ROG_STREX	Weighted ROG_STREX (g/trip)	ROG_IDLEX	Weighted ROG_IDLEX (g/trip)	ROG_DIURN	Weighted ROG_DIURN (g/trip)	ROG_RESTL	Weighted ROG_RESTL (g/trip)	ROG_HTSK	Weighted ROG_HTSK (g/trip)	ROG_RUNLS
LDA	0.59384184	0.548053914	0.004915832	0.002919227	0.160623627	0.088030408	0	0	0.031025218	0.017003492	0.028066997	0.015382227	0.07545957	0.041355912	0.185854266
LDT1	0.053378393	0.052691433	0.011308146	0.000603611	0.222696623	0.011734204	0	0	0.063386283	0.003339914	0.053387721	0.002813076	0.124908235	0.006581594	0.473603394
LDT2	0.174256604	0.174315588	0.009540966	0.001662576	0.24301177	0.04236074	0	0	0.056043231	0.009769209	0.054637057	0.009524091	0.10676941	0.018611572	0.387490607
MDV	0.106366805	0.108060819	0.010794375	0.001148163	0.281224844	0.030389387	0	0	0.063564434	0.006868825	0.062342724	0.006736806	0.116658162	0.012606177	0.396120603
LHD1	0.020943648	0.056637187	0.082267751	0.001722987	0.059663641	0.003379181	0.019371439	0.001097144	0.001716739	9.72312E-05	0.000904282	5.1216E-05	0.064563362	0.003656687	0.458804449
LHD2	0.005400571	0.013997099	0.103700547	0.000560042	0.032086826	0.000449122	0.014669554	0.000205331	0.000842882	1.17979E-05	0.000456595	6.391E-06	0.033077354	0.000462987	0.204792275
MHD	0.013558658	0.018577777	0.013929082	0.00018886	0.044626576	0.000829063	0.018198706	0.000338092	0.000334343	6.21134E-06	0.000180374	3.35095E-06	0.016140586	0.000299856	0.087699288
HHD	0.022805729	0.013323844	0.025230325	0.000575396	2.31009E-06	3.07793E-08	0.425464995	0.005668829	1.73946E-06	2.31763E-08	9.87177E-07	1.3153E-08	7.87131E-05	1.04876E-06	0.000396674
OBUS	0.001527853	0.002397618	0.020648419	3.15477E-05	0.083132761	0.000199321	0.047899831	0.000114845	0.001072346	2.57108E-06	0.00048324	1.15863E-06	0.015877094	3.80672E-05	0.180022545
UBUS	0.001224776	0.00029386	0.025270661	3.09509E-05	0.008292131	2.43673E-06	0	0	0.000122061	3.58689E-08	5.87376E-05	1.72606E-08	0.000290965	8.55029E-08	0.001635924
MCY	0.005038089	0.009843498	2.163162397	0.010898205	1.911910842	0.01881989	0	0	0.898034548	0.008839801	0.482026156	0.00474823	0.658738908	0.006484295	1.752084572
SBUS	0.000914932	0.001753441	0.076132775	6.96563E-05	0.030552706	5.35724E-05	0.274128153	0.000480668	0.00064114	1.1242E-06	0.000292016	5.12033E-07	0.006204846	1.08798E-05	0.040738778
MH	0.000742102	5.39218E-05	0.053215769	3.94915E-05	0.084520835	4.55752E-06	0	0	0.521835107	2.81383E-05	0.192731159	1.03924E-05	0.044593215	2.40455E-06	1.014315447
	1	1													

YEAR 2026 Annual Emissions (tons/year)

	ROG	NOX	PM10	PM2.5	CO2e
Running/Idling/Starting Exhaust	21.65	38.85	0.51	0.47	
Brake and Tire wear			10.76	4.27	
Road Dust			29.18	4.38	
Total	**21.65**	**38.85**	**40.45**	**9.12**	**62353.12896**
Significance Threshold	10	10	15	10	N/A

YEAR 2026 Daily Emissions (lb/day)

	ROG	NOX	PM10	PM2.5	CO2e
Running/Idling/Starting Exhaust	137.46	246.67	3.22	3.01	
Brake and Tire wear			68.29	27.10	
Road Dust			185.28	27.79	
Total	**137.46**	**246.67**	**256.80**	**57.90**	**436,396.68**
Significance Threshold	54	54	82	54	N/A

Weighted ROG_RUNLS (g/trip)	NOx_RUNEX	Weighted NOx_RUNEX (g/mi)	NOx_STREX	Weighted NOx_STREX (g/trip)	NOx_IDLEX	Weighted NOx_IDLEX (g/trip)	PM10_RUNEX	Weighted PM10_RUNEX (g/mi)	PM10_STREX
0.101858158	0.024318225	0.01444118	0.146784573	0.080445859	0	0	0.001190306	0.000706853	0.00158148
0.024954842	0.052354618	0.002794605	0.185777692	0.009788893	0	0	0.001443932	7.70748E-05	0.001899042
0.067545653	0.048718472	0.008489516	0.214688142	0.03742349	0	0	0.001267308	0.000220837	0.001628831
0.042805117	0.054589521	0.005806513	0.241180621	0.026062175	0	0	0.001316435	0.000140025	0.001676872
0.025985393	0.501705321	0.01050754	0.274000433	0.015518614	0.052778955	0.002989252	0.008597279	0.000180058	0.000231632
0.002866498	0.604980091	0.003267238	0.153209202	0.002144484	0.086501617	0.001210772	0.014576048	7.8719E-05	0.000117185
0.001629258	1.445387766	0.019597519	1.698466981	0.031553741	0.384054383	0.007134877	0.007064452	9.57845E-05	0.00011167
5.28522E-06	2.645781643	0.06033898	2.32114605	0.030926588	5.313842098	0.070800803	0.024793091	0.000565425	6.07666E-07
0.000431625	1.452790947	0.002219651	1.111137552	0.002664083	0.401134274	0.000961767	0.007549601	1.15347E-05	0.000148693
4.80733E-07	0.710903984	0.000870698	0.013826587	4.06308E-06	0	0	0.005169906	6.33198E-06	1.70932E-05
0.017246641	1.14240746	0.005755551	0.270461439	0.002662287	0	0	0.002060563	1.03813E-05	0.002929315
7.14331E-05	4.16933677	0.003814659	0.952464004	0.00167009	3.237041439	0.005675962	0.027087656	2.47834E-05	5.42621E-05
5.46938E-05	1.21214717	0.000899536	0.240338745	1.29595E-05	0	0	0.020231217	1.50136E-05	0.000240404

Weighted PM10_STREX (g/trip)	PM10_IDLEX	Weighted PM10_IDLEX (g/trip)	PM10_PMBW	Weighted PM10_PMBW (g/mi)	PM10_PMTW	Weighted PM10_PMTW (g/mi)	PM25_RUNEX	Weighted PM25_RUNEX (g/mi)	PM25_STREX	Weighted PM25_STREX (g/trip)	PM25_IDLEX	Weighted PM25_IDLEX (g/vehicle/day to g/trip)	PM25_PMBW	Weighted PM25_PMBW (g/mi)	PM25_PMTW	Weighted PM25_PMTW (g/mi)
0.000866736	0	0	0.036750011	0.021823694	0.008000002	0.004750736	0.001095854	0.000650764	0.001454112	0.000796932	0	0	0.015750005	0.009353012	0.002000001	0.001187684
0.000100063	0	0	0.036750011	0.001961657	0.008000002	0.000427027	0.001328337	7.09045E-05	0.001746099	9.20045E-05	0	0	0.015750005	0.00084071	0.002000001	0.000106757
0.000283931	0	0	0.036750011	0.006403932	0.008000002	0.001394053	0.001166662	0.000203299	0.00149765	0.000261064	0	0	0.015750005	0.002744542	0.002000001	0.000348513
0.000181204	0	0	0.036750011	0.003908981	0.008000002	0.000850935	0.001214003	0.00012913	0.001541826	0.000166611	0	0	0.015750005	0.001675278	0.002000001	0.000212734
1.3119E-05	0.0008717	4.93706E-05	0.076440022	0.001600933	0.009831388	0.000205905	0.008179238	0.000171303	0.000212977	1.20624E-05	0.000833991	4.72349E-05	0.032760009	0.000686114	0.002457847	5.14763E-05
1.64025E-06	0.001465823	2.05173E-05	0.089180026	0.000481623	0.010801019	5.83317E-05	0.01392135	7.51832E-05	0.000107747	1.50815E-06	0.001402412	1.96297E-05	0.038220011	0.00020641	0.002700255	1.45829E-05
2.07458E-06	0.000277166	5.14913E-06	0.130340037	0.001767236	0.012000003	0.000162704	0.006752113	9.15496E-05	0.000102676	1.9075E-06	0.000265176	4.92638E-06	0.055860016	0.000757387	0.003000001	4.0676E-05
8.09644E-09	0.002421971	3.227E-05	0.061011269	0.001391406	0.035565238	0.000811091	0.023720525	0.000540964	5.58726E-07	7.44438E-09	0.002317197	3.0874E-05	0.026147687	0.000596317	0.00889131	0.000202773
3.56509E-07	0.000131344	3.14912E-07	0.130340037	0.00019914	0.012000003	1.83342E-05	0.007209502	1.10151E-05	0.000136718	3.27797E-07	0.000125662	3.01289E-07	0.055860016	8.53459E-05	0.003000001	4.58356E-06
5.023E-09	0	0	0.069382874	8.49785E-05	0.033326143	4.08171E-05	0.004944673	6.05612E-06	1.57166E-05	4.61847E-09	0	0	0.029735517	3.64194E-05	0.008331536	1.02043E-05
2.88347E-05	0	0	0.011760003	5.92479E-05	0.004000001	2.01524E-05	0.001923534	9.69094E-06	0.002747524	2.70452E-05	0	0	0.005040001	2.5392E-05	0.001	5.03809E-06
9.51454E-08	0.003057417	5.361E-06	0.744800211	0.000681442	0.010812034	9.89228E-06	0.025901527	2.36981E-05	4.9892E-05	8.74827E-08	0.002925155	5.12909E-06	0.31920009	0.000292046	0.002703009	2.47307E-06
1.2963E-08	0	0	0.130340037	9.67255E-05	0.01314752	9.7568E-06	0.019315317	1.43339E-05	0.000221043	1.1919E-08	0	0	0.055860016	4.14538E-05	0.00328688	2.4392E-06

CO2e_IDLEX (derived)	Weighted CO2e_IDLEX (g/trip)	CO2e_RUNEX (derived)	Weighted CO2e_RUNEX (g/mi)	CO2e_STREX (derived)	Weighted CO2e_STREX (g/trip)
0	0	221.2985699	131.4163499	54.11067552	29.65556749
0	0	266.3961859	14.21980042	65.1752338	3.434176492
0	0	282.4516367	49.21906294	70.08475575	12.21686543
0	0	341.0868046	36.28031352	81.77086652	8.836226781
9.002089063	0.509853002	762.2488893	15.96427243	17.98440701	1.018586224
14.17807109	0.198451867	746.8724719	4.033537744	11.03892174	0.154512882
72.71614476	1.350904311	1091.149991	14.79452981	11.26096446	0.209203685
1059.042342	14.11051483	1423.518482	32.46437693	0.049195992	0.00065548
99.5440736	0.23866866	1321.404314	2.01891154	19.41234665	0.046543391
0	0	1780.942686	2.18125627	1.777535583	0.000522347
0	0	237.6249918	1.197175929	71.03880912	0.699270362
360.4605891	0.632046501	1063.689486	0.973203515	6.135655896	0.010758513
0	0	1462.852088	1.085584844	25.62559192	0.001381779

VMT/Trip Mix + Exhaust Emissions + Brake and Tire Wear Emissions, YEAR 2032 Annual

Mode	VMT %	Trip %	ROG_RUNEX	Weighted ROG_RUNEX (g/mi)	ROG_STREX	Weighted ROG_STREX (g/trip)	ROG_IDLEX	Weighted ROG_IDLEX (g/trip)	ROG_DIURN	Weighted ROG_DIURN (g/trip)	ROG_RESTL	Weighted ROG_RESTL (g/trip)	ROG_HTSK	Weighted ROG_HTSK (g/trip)	ROG_RUNLS
LDA	0.595503156	0.550517947	0.00274608	0.001635299	0.104103875	0.057311051	0	0	0.022270924	0.012260543	0.020698228	0.011394746	0.055449698	0.030526054	0.164230266
LDT1	0.054159901	0.053657573	0.004953343	0.000268273	0.130316524	0.006992468	0	0	0.039289142	0.00210816	0.036036412	0.001933626	0.080307078	0.004309083	0.314005244
LDT2	0.170395541	0.170506751	0.005523262	0.000941139	0.160153463	0.027307247	0	0	0.045222909	0.007710811	0.044958613	0.007665747	0.080293069	0.01369051	0.307894161
MDV	0.106773774	0.108466315	0.005713236	0.000610024	0.172011389	0.018657441	0	0	0.054551341	0.005916983	0.05404028	0.00586155	0.090542794	0.009820843	0.311031623
LHD1	0.021156551	0.056642878	0.069387234	0.001467995	0.037674299	0.002133981	0.016550636	0.000937476	0.00128439	7.27515E-05	0.000723992	4.1009E-05	0.049179349	0.00278566	0.362582174
LHD2	0.005623427	0.014702709	0.096501992	0.000542672	0.019511748	0.000286876	0.013018832	0.000191412	0.000581545	8.55028E-06	0.000348372	5.12201E-06	0.021210297	0.000311849	0.119516675
MHD	0.013648985	0.01886442	0.011300903	0.000154246	0.041486361	0.000782616	0.018784344	0.000354356	0.000282978	5.33822E-06	0.000169832	3.20378E-06	0.01337051	0.000252227	0.067865854
HHD	0.023588433	0.01272813	0.02370356	0.00055913	2.23752E-06	2.84794E-08	0.423137835	0.005385753	1.30868E-06	1.6657E-08	8.08521E-07	1.0291E-08	5.61857E-05	7.15139E-07	0.000273576
OBUS	0.0014232	0.002265848	0.015764916	2.24366E-05	0.075413097	0.000170875	0.050327823	0.000114035	0.001069544	2.42343E-06	0.000493773	1.11882E-06	0.01572941	3.56405E-05	0.184404373
UBUS	0.001156088	0.000261792	0.026968968	3.11785E-05	0.011113095	2.90932E-06	0	0	0.000417262	1.09236E-07	0.000252195	6.60226E-08	0.001499034	3.92436E-07	0.01010444
MCY	0.004956664	0.00979946	2.118090797	0.010498665	1.865586768	0.018281742	0	0	0.893530707	0.008756118	0.473008346	0.004635226	0.627815295	0.006152251	1.411296112
SBUS	0.000889053	0.001535585	0.050047195	4.44946E-05	0.03922774	6.02375E-05	0.349342706	0.000536445	0.001022582	1.57026E-06	0.000489451	7.51593E-07	0.009642952	1.48076E-05	0.062952549
MH	0.000725227	5.05921E-05	0.036265252	2.63005E-05	0.071199479	3.60213E-06	0	0	0.294435204	1.48961E-05	0.124093104	6.27813E-06	0.02302533	1.1649E-06	0.381248552
	1	1													

YEAR 2032 Annual Emissions (tons/year)

	ROG	NOX	PM10	PM2.5	CO2e
Running/Idling/Starting Exhaust	20.39	40.67	0.50	0.47	
Brake and Tire wear			13.45	5.34	
Road Dust			36.47	5.47	
Total	**20.39**	**40.67**	**50.42**	**11.28**	**68171.76168**
Significance Threshold	10	10	15	10	N/A

YEAR 2032 Daily Emissions (lb/day)

	ROG	NOX	PM10	PM2.5	CO2e
Running/Idling/Starting Exhaust	129.43	258.21	3.20	3.00	
Brake and Tire wear			85.42	33.89	
Road Dust			231.53	34.73	
Total	**129.43**	**258.21**	**320.15**	**71.62**	**477,120.09**
Significance Threshold	54	54	82	54	N/A

Weighted ROG_RUNLS (g/trip)	NOx_RUNEX	Weighted NOx_RUNEX (g/mi)	NOx_STREX	Weighted NOx_STREX (g/trip)	NOx_IDLEX	Weighted NOx_IDLEX (g/trip)	PM10_RUNEX	Weighted PM10_RUNEX (g/mi)	PM10_STREX
0.090411709	0.018115685	0.010787947	0.119347499	0.06570294	0	0	0.000815764	0.00048579	0.001152929
0.016848759	0.027183412	0.001472251	0.140054672	0.007514994	0	0	0.000927871	5.02534E-05	0.001309541
0.052498033	0.029965454	0.00510598	0.153102504	0.02610501	0	0	0.000913621	0.000155677	0.001222447
0.033736454	0.030472351	0.003253648	0.161325717	0.017498406	0	0	0.000916616	9.78705E-05	0.001222559
0.020537698	0.233037532	0.00493027	0.208126943	0.011788909	0.043006074	0.002435988	0.00645454	0.000136556	0.00020152
0.001757219	0.310414332	0.001745592	0.114819507	0.001688158	0.069043566	0.001015127	0.013491292	7.58673E-05	0.000102981
0.00128025	1.418469129	0.019360663	1.678542994	0.031664741	0.327262134	0.00617361	0.006955569	9.49364E-05	0.000114347
3.48211E-06	2.501179356	0.058998901	2.306891739	0.029362418	5.184289738	0.065986314	0.023591802	0.000556494	6.04477E-07
0.000417832	1.458360496	0.002075538	1.126191535	0.002551779	0.433069931	0.000981271	0.008029436	1.14275E-05	0.000160875
2.64526E-06	0.707022277	0.00081738	0.01810555	4.73989E-06	0	0	0.005116087	5.91465E-06	1.71272E-05
0.013829939	1.135850902	0.005630032	0.269895921	0.002644834	0	0	0.002161364	1.07132E-05	0.002817181
9.6669E-05	2.489330024	0.002213147	1.323283535	0.002032014	2.380859756	0.003656012	0.017734061	1.57665E-05	7.51584E-05
1.92882E-05	1.010111801	0.00073256	0.233788817	1.18279E-05	0	0	0.014317662	1.03836E-05	0.000208254

Weighted PM10_STREX (g/trip)	PM10_IDLEX	Weighted PM10_IDLEX (g/trip)	PM10_PMBW	Weighted PM10_PMBW (g/mi)	PM10_PMTW	Weighted PM10_PMTW (g/mi)	PM25_RUNEX	Weighted PM25_RUNEX (g/mi)	PM25_STREX	Weighted PM25_STREX (g/trip)	PM25_IDLEX	Weighted PM25_IDLEX (g/trip)	PM25_PMBW	Weighted PM25_PMBW (g/mi)	PM25_PMTW	Weighted PM25_PMTW (g/mi)
0.000634708	0	0	0.036750011	0.021884747	0.008000002	0.004764027	0.000750697	0.000447043	0.001060076	0.000583591	0	0	0.015750005	0.009379177	0.002000001	0.001191007
7.02668E-05	0	0	0.036750011	0.001990377	0.008000002	0.000433279	0.00085319	4.62087E-05	0.001204075	6.46077E-05	0	0	0.015750005	0.000853019	0.002000001	0.00010832
0.000208436	0	0	0.036750011	0.006262038	0.008000002	0.001363165	0.000841506	0.000143389	0.001123995	0.000191649	0	0	0.015750005	0.002683731	0.002000001	0.000340791
0.000132607	0	0	0.036750011	0.003923937	0.008000002	0.00085419	0.000844964	9.022E-05	0.001124098	0.000121927	0	0	0.015750005	0.001681687	0.002000001	0.000213548
1.14147E-05	0.00093243	5.28155E-05	0.076440022	0.001617207	0.009925355	0.000209986	0.006131741	0.000129726	0.00018529	1.04954E-05	0.000892093	5.05307E-05	0.032760009	0.000693089	0.002481339	5.24966E-05
1.51409E-06	0.001502077	2.20846E-05	0.089180026	0.000501497	0.010856921	6.10531E-05	0.012884712	7.24562E-05	9.46868E-05	1.39215E-06	0.001437098	2.11292E-05	0.038220011	0.000214927	0.00271423	1.52633E-05
2.15709E-06	0.000129833	2.44923E-06	0.130340037	0.001779009	0.012000003	0.000163788	0.006647319	9.07291E-05	0.000105138	1.98336E-06	0.000124217	2.34328E-06	0.055860016	0.000762433	0.003000001	4.0947E-05
7.69386E-09	0.002062093	2.62466E-05	0.061144316	0.001442299	0.035640867	0.000840712	0.022571199	0.000532419	5.55794E-07	7.07422E-09	0.001972888	2.51112E-05	0.026204707	0.000618128	0.008910217	0.000210178
3.64518E-07	0.000142901	3.23792E-07	0.130340037	0.0001855	0.012000003	1.70784E-05	0.007667084	1.09118E-05	0.000147919	3.35161E-07	0.000136719	3.09785E-07	0.055860016	7.94999E-05	0.003000001	4.2696E-06
4.48377E-09	0	0	0.069382874	8.02127E-05	0.033326143	3.8528E-05	0.004893179	5.65695E-06	1.57478E-05	4.12266E-09	0	0	0.029735517	3.43769E-05	0.008331536	9.63199E-06
2.76069E-05	0	0	0.011760003	5.82904E-05	0.004000001	1.98267E-05	0.002015333	9.98933E-06	0.00263148	2.57871E-05	0	0	0.005040001	2.49816E-05	0.001	4.95667E-06
1.15412E-07	0.001564506	2.40243E-06	0.74480021	0.000662167	0.010604454	9.42793E-06	0.016949374	1.50689E-05	6.91053E-05	1.06117E-07	0.001496826	2.2985E-06	0.31920009	0.000283786	0.002651114	2.35698E-06
1.0536E-08	0	0	0.130340037	9.45261E-05	0.013200346	9.57325E-06	0.013661985	9.90804E-06	0.000191482	9.68749E-09	0	0	0.055860016	4.05112E-05	0.003300086	2.39331E-06

CO2e_IDLEX (derived)	Weighted CO2e_IDLEX (g/trip)	CO2e_RUNEX (derived)	Weighted CO2e_RUNEX (g/mi)	CO2e_STREX (derived)	Weighted CO2e_STREX (g/trip)
0	0	193.8627824	115.4458988	46.69985626	25.70910901
0	0	234.0861305	12.67808162	56.41412268	3.027044883
0	0	239.7829668	40.85794839	58.4000467	9.957602209
0	0	289.4067303	30.90104867	67.6494844	7.337690274
8.390625528	0.475269177	691.8577453	14.63732373	15.42997163	0.873997998
13.29675256	0.195498287	681.6472885	3.833193796	9.352863334	0.13751243
65.94506845	1.244015494	1006.762166	13.74128135	11.17178683	0.210749283
943.7736731	12.01247413	1234.05197	29.10935208	0.054901711	0.000698796
100.237599	0.227123168	1221.630047	1.738623321	18.03849517	0.040872489
0	0	1799.599612	2.080495925	1.842763778	0.000482421
0	0	237.1563914	1.175504605	69.59383724	0.681982004
347.0309449	0.532895383	973.7886247	0.86575	7.730254744	0.01187046
0	0	1333.045527	0.966760778	23.52815224	0.001190338

VMT/Trip Mix + Exhaust Emissions + Brake and Tire Wear Emissions, YEAR 2019 Annual

Mode	VMT %	Trip %	ROG_RUNEX	Weighted ROG_RUNEX (g/mi)	ROG_STREX	Weighted ROG_STREX (g/trip)	ROG_IDLEX	Weighted ROG_IDLEX (g/trip)	ROG_DIURN	Weighted ROG_DIURN (g/trip)	ROG_RESTL	Weighted ROG_RESTL (g/trip)	ROG_HTSK	Weighted ROG_HTSK (g/trip)	ROG_RUNLS
LDA	0.583302083	0.536770891	0.01508491	0.008799059	0.321642375	0.172648264	0	0	0.055162052	0.029609384	0.046027814	0.024706391	0.123723326	0.06641108	0.246529536
LDT1	0.051673793	0.050613577	0.035450961	0.001831886	0.481463642	0.024368597	0	0	0.121082813	0.006128434	0.090481641	0.004579599	0.225575435	0.01141718	0.816655865
LDT2	0.185481026	0.182401196	0.021771672	0.004038232	0.425639816	0.077637212	0	0	0.069456264	0.012668906	0.06242464	0.011386329	0.143026946	0.026088286	0.467863738
MDV	0.108758583	0.109784057	0.033442372	0.003637145	0.570865529	0.062671934	0	0	0.082013588	0.009003784	0.074883413	0.008221005	0.165592981	0.018179469	0.520488478
LHD1	0.021190433	0.059397525	0.116046322	0.002459072	0.107416591	0.00638028	0.024026178	0.001427095	0.002538312	0.000150769	0.001225029	7.27637E-05	0.094980437	0.005641603	0.651324331
LHD2	0.004925641	0.012832751	0.131181215	0.000646152	0.061610998	0.000790639	0.017856307	0.000229146	0.001475651	1.89367E-05	0.000694011	8.90607E-06	0.056496582	0.000725007	0.406461439
MHD	0.013370728	0.019785005	0.300181176	0.004013641	0.059789052	0.001182927	0.023180129	0.000458619	0.000607845	1.20262E-05	0.000285173	5.64216E-06	0.026269155	0.000519735	0.151776993
HHD	0.021307303	0.013419374	0.224409445	0.00478156	2.52726E-06	3.39142E-08	0.443392941	0.005950056	5.71671E-06	7.67147E-08	3.11501E-06	4.18015E-08	0.000251289	3.37214E-06	0.001552451
OBUS	0.001789278	0.002757907	0.160656662	0.000287459	0.104432633	0.000288015	0.063093404	0.000174006	0.001098155	3.02861E-06	0.000466697	1.28711E-06	0.016295069	4.49403E-05	0.16799011
UBUS	0.001304023	0.000341787	0.020053442	2.61501E-05	0.01181997	4.03991E-06	0	0	0.000599024	2.04739E-07	0.000371505	1.26976E-07	0.002249763	7.6894E-07	0.01524921
MCY	0.005186469	0.009827087	2.314255531	0.012002815	1.997197686	0.019626635	0	0	0.915661816	0.008998288	0.507082899	0.004983148	0.742815408	0.007299711	2.300820355
SBUS	0.000924916	0.002005257	0.097805548	9.04619E-05	0.022969252	4.60593E-05	0.200696528	0.000402448	0.0004099	8.21956E-07	0.000153375	3.07556E-07	0.003900962	7.82243E-06	0.030532355
MH	0.000785723	6.35862E-05	0.120257345	9.4489E-05	0.127721537	8.12132E-06	0	0	1.052412128	6.69189E-05	0.344875384	2.19293E-05	0.085957335	5.4657E-06	2.107387264
	1	1													

YEAR 2019 Annual Emissions (tons/year)

	ROG	NOX	PM10	PM2.5	CO2e
Exhaust, Brake, and Tire Wear	9.22	19.21	3.01	1.37	
Road Dust			7.31	1.10	
Total	**9.22**	**19.21**	**10.32**	**2.47**	**18838.25018**
Significance Threshold	10	10	15	10	N/A

YEAR 2019 Daily Emissions (lb/day)

	ROG	NOX	PM10	PM2.5	CO2e
Exhaust, Brake, and Tire Wear	58.51	121.98	19.13	8.72	
Road Dust			46.40	6.96	
Total	**58.51**	**121.98**	**65.54**	**15.69**	**131845.0257**
Significance Threshold	54	54	82	54	N/A

Weighted ROG_RUNLS (g/trip)	NOx_RUNEX	Weighted NOx_RUNEX (g/mi)	NOx_STREX	Weighted NOx_STREX (g/trip)	NOx_IDLEX	Weighted NOx_IDLEX (g/trip)	PM10_RUNEX	Weighted PM10_RUNEX (g/mi)	PM10_STREX
0.132329879	0.060859283	0.035499346	0.237454534	0.127458682	0	0	0.001596422	0.000931196	0.002022406
0.041333874	0.145168162	0.00750139	0.320866364	0.016240194	0	0	0.002410577	0.000124564	0.00294269
0.085338905	0.114671546	0.021269396	0.385891354	0.070387044	0	0	0.001574673	0.000292072	0.001963918
0.057141337	0.157444748	0.017123468	0.484498121	0.053190169	0	0	0.001809784	0.00019683	0.002318598
0.038687053	1.171409224	0.024822669	0.389359819	0.02312701	0.063552554	0.003774864	0.013041429	0.000276354	0.000330657
0.005216019	1.466840682	0.007225131	0.228339469	0.002930224	0.113403715	0.001455282	0.018980232	9.34898E-05	0.000174263
0.003002909	3.906296485	0.052230028	0.957602099	0.018946163	0.796439782	0.015757565	0.1177493	0.001574394	0.00014596
2.08329E-05	5.236159908	0.111568448	1.444102825	0.019378956	6.101289726	0.081875488	0.093030109	0.001982221	1.41712E-06
0.000463301	2.545929253	0.004555376	0.877418929	0.002419839	0.745888028	0.002057089	0.054253135	9.70739E-05	0.000154927
5.21198E-06	0.731979596	0.000954518	0.019177767	6.55471E-06	0	0	0.005279354	6.8844E-06	1.70227E-06
0.022610361	1.163538918	0.006034659	0.270020181	0.002653512	0	0	0.001786478	9.26551E-06	0.003340129
6.12252E-05	5.675061682	0.005248953	0.654023821	0.001311486	3.831150408	0.007682443	0.03650647	3.37654E-05	3.49519E-05
0.000134001	1.699472627	0.001335315	0.251562291	1.59959E-05	0	0	0.030840473	2.42321E-05	0.000397026

Weighted PM10_STREX (g/trip)	PM10_IDLEX	Weighted PM10_IDLEX g/trip)	PM10_PMBW	Weighted PM10_PMBW (g/mi)	PM10_PMTW	Weighted PM10_PMTW (g/mi)	PM25_RUNEX	Weighted PM25_RUNEX (g/mi)	PM25_STREX	Weighted PM25_STREX (g/trip)	PM25_IDLEX	Weighted PM25_IDLEX (g/trip)	PM25_PMBW	Weighted PM25_PMBW (g/mi)	PM25_PMTW	Weighted PM25_PMTW (g/mi)
0.001085569	0	0	0.036750011	0.021436358	0.008000002	0.004666418	0.001471314	0.000858221	0.001859698	0.000998232	0	0	0.015750005	0.00918701	0.002000001	0.001166604
0.00014894	0	0	0.036750011	0.001899012	0.008000002	0.00041339	0.00221979	0.000114705	0.002706458	0.000136984	0	0	0.015750005	0.000813862	0.002000001	0.000103348
0.000358221	0	0	0.036750011	0.00681643	0.008000002	0.001483849	0.001449383	0.000268833	0.001806063	0.000329428	0	0	0.015750005	0.002921327	0.002000001	0.000370962
0.000254545	0	0	0.036750011	0.003996879	0.008000002	0.000870069	0.001670094	0.000181637	0.002134402	0.000234323	0	0	0.015750005	0.001712948	0.002000001	0.000217517
1.96402E-05	0.00075032	4.45672E-05	0.076440022	0.001619797	0.009568071	0.000202752	0.012421444	0.000263216	0.000304722	1.80998E-05	0.000717862	4.26392E-05	0.032760009	0.000694199	0.002392018	5.06879E-05
2.23628E-06	0.001363228	1.7494E-05	0.089180026	0.000439269	0.010644751	5.24322E-05	0.018128508	8.92945E-05	0.000160287	2.05693E-06	0.001304255	1.67372E-05	0.038220011	0.000188258	0.002661188	1.31081E-05
2.88781E-06	0.003280789	6.49104E-05	0.130340037	0.001742741	0.012000003	0.000160449	0.112648924	0.001506198	0.000134587	2.6628E-06	0.003138863	6.21024E-05	0.055860016	0.000746889	0.003000001	4.01122E-05
1.90169E-08	0.018100949	0.000242903	0.060793553	0.001295347	0.035440859	0.000755149	0.089005639	0.00189647	1.30299E-06	1.74853E-08	0.01731791	0.000232396	0.02605438	0.000555149	0.008860215	0.000188787
4.27274E-07	0.003882474	1.07075E-05	0.130340037	0.000233215	0.012000003	2.14713E-05	0.051895373	9.28553E-05	0.000143389	3.95455E-07	0.00371452	1.02443E-05	0.055860016	9.99491E-05	0.003000001	5.36784E-06
5.81815E-10	0	0	0.069382874	9.04768E-05	0.033326143	4.3458E-05	0.005050751	6.58629E-06	1.56518E-06	5.34957E-10	0	0	0.029735517	3.87758E-05	0.008331536	1.08645E-05
3.28237E-05	0	0	0.011760003	6.09929E-05	0.004000001	2.07459E-05	0.001675477	8.68981E-06	0.003157054	3.10246E-05	0	0	0.005040001	2.61398E-05	0.001	5.18647E-06
7.00875E-08	0.005104339	1.02355E-05	0.744800211	0.000688877	0.011041704	1.02126E-05	0.034915437	3.22938E-05	3.2137E-05	6.44429E-08	0.004883527	9.79273E-06	0.31920009	0.000295233	0.002760426	2.55316E-06
2.52453E-08	0	0	0.130340037	0.000102411	0.013014899	1.02261E-05	0.029447347	2.31375E-05	0.000366643	2.33134E-08	0	0	0.055860016	4.38905E-05	0.003253725	2.55653E-06

CO2e_IDLEX (derived)	Weighted CO2e_IDLEX (g/trip)	CO2e_RUNEX (derived)	Weighted CO2e_RUNEX (g/mi)	CO2e_STREX (derived)	Weighted CO2e_STREX (g/trip)
0	0	272.1422167	158.7411218	59.33155814	31.84745333
0	0	322.2190766	16.65028197	71.63400508	3.625653214
0	0	358.1706752	66.43386444	79.56708281	14.51313106
0	0	434.0476445	47.2064069	96.01809039	10.54125546
9.31072381	0.553033953	851.9219742	18.05259542	13.62594396	0.809347351
14.3955398	0.184734382	822.8339085	4.052984462	9.225351656	0.118386644
79.28162873	1.568587458	1194.27793	15.96836542	9.513046932	0.188215686
1043.404045	14.00182895	1612.567449	34.35946399	0.063834688	0.000856622
100.0354507	0.275888424	1414.530799	2.53098902	16.7662879	0.046239855
0	0	1640.446761	2.139179627	1.916543533	0.00065505
0	0	219.1060563	1.136386829	69.11073066	0.679157138
347.5883458	0.69700413	1098.64747	1.016156181	3.463565225	0.00694534
0	0	1628.557649	1.279595832	21.88514371	0.001391593

Construction Entrained Dust Calculation
Downtown West San Jose Project
San Jose, CA

Road Dust Equation

E [lb/VMT] = k*(sL)^0.91 * (W)^1.02 * (1-P/4N)

Where:
E = the particulate emission factor in units of pounds of particulate matter per VMT
k = the U.S. EPA AP-42 particle size multiplier (PM_{10} = 0.0022 lb/VMT),[1]
sL = the roadway-specific silt loading in grams/square meter (g/m^2),[2,3,4,5]
W = the average weight of vehicles traveling the road (California statewide default = 2.4 tons),[5]
P = number of "wet" days, when at least one site per county received at least 0.01 inch of precipitation during the annual averaging period,[9] and
N = the number of days in the annual averaging period (default = 365)

Source: California Air Resources Board (CARB), Miscellaneous Process Methodology 7.9 — Entrained Road Travel, Paved Road Dust. Revised and updated March 2018, https://ww3.arb.ca.gov/ei/areasrc/fullpdf/full7-9_2018.pdf.

Silt Loading Factor

For entry into CalEEMod - Construction onroad and Operation mobile
Source: CARB, 2018.

Table 6: 2008 Roadway Travel Fractions and VMT (1) Estimates for California Entrained Paved Road Dust

	2008 HPMS Travel Fractions			
County	**Freeway**	**Major**	**Collector**	**Local**
Santa Clara	0.434	0.449	0.054	0.064

1.001

Table 7: 2008 Silt Loadings and PM10 Emission Factors for California Entrained Paved Road Dust Estimates

	Silt Loadings (g/m2)			
County	**Freeway**	**Major**	**Collector**	**Local**
Santa Clara	0.015	0.032	0.032	0.32

NOTE: for operational mobile sources run, must do this as a last step immediately before running the model or else it will default to zero

Composite SL **0.043086** *enter into CalEEMod*

Re-entrained PAVED Road Dust Emission Factors

Methodology

Calculation Methodology: USEPA AP-42, Paved Roads, Section 13.2.1, Revised January 2011:
http://www.epa.gov/ttn/chief/ap42/ch13/final/c13s0201.pdf

K-value from CARB, 2018.

Pollutant	**Variables**					**E_{ext} (g/mi)**
	k	**sL**	**W**	**P**	**N**	
PM10	1.00	0.043086	2.4	64	365	**0.13353**
PM2.5	0.15	0.043086	2.4	64	365	**0.02003**

Where:
E = particulate emission factor (grams of particulate matter/VMT)

k = particle size multiplier (g/VMT)
sL = local roadway silt loading (g/m2)
W = average weight of vehicles on the road (tons)
P = number of wet days with at least 0.254mm of precipitation
N = number of days in the averaging period

Source
calculation
Table 13.2.1-1 Particle Size Multipliers for Paved Road Equation of USEPA, 2011.

Calculated above (silt loading factor)
Table 7 of CARB, 2018.
Table 8 of CARB, 2018.
annual days (365)

Demolition

	Start	Complete	Duration Months	Notes	Structure Demolition	Site Demolition (SF)	Site Demolition (acres)	Estimated ton of debris from asphalt
Phase 1	1/1/2021	4/1/2022	15	Demolition (50%), Site Prep	268,000	1,520,000	34.89	N/A
Phase 2	1/1/2025	10/1/2025	9	Blocks A and B	420,000	1,250,000	28.70	N/A
Phase 3	9/1/2027	2/28/2028	6	Block C- Parking Lot (A, B, C) asphalt, trees, street lights to be demo'd. No structures.	-	522,000	11.98	2491

Construction Equipment List

Subphase	Equipment Type	CalEEMod Equipment	Number	Horsepower	Hours/day	
Demolition	Concrete/Industrial Saws	Concrete/Industrial Saws	8	81	2	electric
Demolition	Excavators	Excavators	4	158	6	
Demolition	Rubber Tired/Track Dozers	Rubber Tired Dozers	2	247	4	
Demolition	Aerial Lifts	Aerial Lifts	4	63	2	electric
Demolition	Forklifts	Forklifts	2	89	2	
Demolition	Roll-Off Trucks	Off-Highway Trucks	2	402	0.5	
Demolition	Loader	Tractors/Loaders/Backhoes	4	97	6	
Demolition	Concrete Crusher	Crushing/Proc. Equipment	4	85	4	
Demolition	Dump Trucks	Off-Highway Trucks	4	402	1	
Demolition	Water Trucks	Off-Highway Trucks	2	402	4	
Demolition	Skid-Steer Loader	Skid Steer Loaders	4	65	6	
Demolition	Sweepers/Scrubbers	Sweepers/Scrubbers	2	64	3	electric
Demolition	Air Compressors	Air Compressors	4	78	2	electric
Demolition	Generator Sets	Generator Sets	4	84	4	
Demolition	Welders	Welders	4	46	4	electric
Demolition	Pressure Washer	Pressure Washers	2	13	1	

Excavation

Excavation schedule:

	Start	Complete	Duration (Months)	Area (acres)	Excavation (CY)	Acres per month	CY per month	Level of effort (Acres/mo relative to Phase 1)	Level of effort (Ex CY/mo relative to Phase 1)
Phase 1	7/1/2021	7/1/2024	36	23.39	873,825	0.649832243	24273	100%	**100%**
Phase 2a	7/1/2025	4/1/2027	21	10.19	196,078	0.485234703	9337	75%	**38%**
Phase 2b	1/1/2029	1/1/2030	12	2.07	154,316	0.172657342	12860	27%	**53%**
Phase 3	1/1/2030	7/1/2031	18	6.91	235,290	0.383720984	13072	59%	**54%**

Excavation breakdown (provided by Matt Eastman 6/10/2020):

	1	2a	2b	3	Total element
Subgrade, parking, foundations and other building pad excavation	801,041 CUYD	148,627 CUYD	132,602 CUYD	209,152 CUYD	**1,291,421 CUYD**
Building foundation excavation (avg 4.5' deep)	*150,916 CUYD*	*90,002 CUYD*	*23,227 CUYD*	*64,777 CUYD*	***328,921 CUYD***
Car Stalls	*650,125 CUYD*	*58,625 CUYD*	*109,375 CUYD*	*144,375 CUYD*	***962,500 CUYD***
Utilities including the Utilidor	51,133 CUYD	33,336 CUYD	15,255 CUYD	18,363 CUYD	**118,087 CUYD**
Streets and open space	21,651 CUYD	14,115 CUYD	6,459 CUYD	7,775 CUYD	**50,000 CUYD**
Total	**873,825 CUYD**	**196,078 CUYD**	**154,316 CUYD**	**235,290 CUYD**	**1,459,508 CUYD**

CUP and Logistics Excavation

Phase	Project Component	Quantity (CY)
1	CUP	30000
1	South Logistics Center	140000
2a	North Logistics Center	110000

Phase	Total Underground Parking
1	3377
2a	675
2b	836
3	272

Excavation for 1 parking spot
166.7 CY

Summary of Soil Offhaul Volumes by Phase (provided by Matt Eastman 12 June 2020, with Class 1 and 2 provided by Elevate 12 June 2020):

conversion assumes an average for clay, fine sand, & topsoil with some moisture (bulking factor of 1.5t per CY); 14 tonnes per truck - single trailer (non-tandem trailer)

	Class I Hazardous Soil (CY)	Class I Hazardous Soil (tonnes)	Class I Hazardous Soil # of Trucks	Class I Hazardous Soil # of One-Way Haul Trips	Class I Hazardous Soil Vehicle Miles Travelled	Class II Non-Hazardous Soil (CY)	Class II Non-Hazardous Soil (tonnes)	Class II Non-Hazardous Soil # of Trucks	Class II Non-Hazardous Soil # of One-Way Haul Trips	Class II Non-Hazardous Soil Vehicle Miles Travelled	Total (CY)	Total (tonnes)
Phase 1	82,791	124,187	8,870	17,741	3,015,956	791,034	1,186,551	84,754	169,507	2,542,609	873,825	1,310,738
Phase 2a	23,484	35,226	2,516	5,032	855,489	172,594	258,891	18,492	36,984	554,766	196,078	294,117
Phase 2b	26,175	39,263	2,804	5,609	953,518	128,141	192,212	13,729	27,459	411,882	154,316	231,474
Phase 3*	40,000	60,000	4,286	8,571	1,457,143	195,290	292,935	20,924	41,848	627,718	235,290	352,935
Total	172,450	258,675	18,477	36,954	6,282,107	1,287,059	1,930,589	137,899	275,798	4,136,975	1,459,509	2,189,264

*Phase 3 consists of Lots A, B, C. As the estimated total volume of hazardous soil exceeds the total volume expected to be generated for construction estimates, we assume that non-hazardous soil excavated during Phase 2a may be re-used as backfill at Lots A, B, C.

Trip Distances (one-way)			
Class I hazardous soil	170	miles	Destination: Kettleman Hills Hazardous Waste Facility
Class 2 non-hazardous soil	15	miles	Destination: Republic's Newby Island Landfill or Waste Management's Kirby Canyon Landfill

Summary of Soil Offhaul Volumes by Year

	Phase I					Phase 2a					Phase 2b					Phase 3				
Year	Class I Hazardous Soil # of One-Way Haul Trips	Class II Non-Hazardous Soil # of One-Way Haul Trips	Number of Haul Days	Class I Hazardous Soil # of **Daily** One-Way Haul Trips	Class II Non-Hazardous Soil # of **Daily** One-Way Haul Trips	Class I Hazardous Soil # of One-Way Haul Trips	Class II Non-Hazardous Soil # of One-Way Haul Trips	Number of Haul Days	Class I Hazardous Soil # of **Daily** One-Way Haul Trips	Class II Non-Hazardous Soil # of **Daily** One-Way Haul Trips	Class I Hazardous Soil # of One-Way Haul Trips	Class II Non-Hazardous Soil # of One-Way Haul Trips	Number of Haul Days	Class I Hazardous Soil # of **Daily** One-Way Haul Trips	Class II Non-Hazardous Soil # of **Daily** One-Way Haul Trips	Class I Hazardous Soil # of One-Way Haul Trips	Class II Non-Hazardous Soil # of One-Way Haul Trips	Number of Haul Days	Class I Hazardous Soil # of **Daily** One-Way Haul Trips	Class II Non-Hazardous Soil # of **Daily** One-Way Haul Trips
2021	2957	28251	157	19	180															
2022	5914	56502	313	19	180															
2023	5914	56502	313	19	180															
2024	2957	28251	157	19	180															
2025						1438	10567	157	9	67										
2026						2876	21134	314	9	67										
2027						719	5283	78	9	67										
2028																				
2029											5,609	27,459	314	18	88					
2030																5714	27899	313	19	89
2031																2857	13949	156	19	89
2032																				

Tunnel Boring Machine Calculation- assumed to take place in 2021

Size	4250	kW
Duration	10	weeks
	6	days/week
	8	hours/day

CO2 Intensity (lb/MWhr)	CH4 Intensity (lb/MWhr)	N2O Intensity (lb/MWhr)
210	0.029	0.006

CO2 GWP	CH4 GWP	N2O GWP
1	25	298

Estimated Electricity Consumption 2,040,000 kWh

Tunnel Boring Machine Emissions

	CO2	CH4	N2O	CO2e
TBM Emissions (lb/year)	428,400.00	59.16	12.24	433,526.52
TBM Emissions (lb/day)	1,173.70	0.16	0.03	1,187.74
TBM Emissions (ton/year)	214.20	0.03	0.01	216.76

Construction Office Calculation

Office Electricity
Consumption 65,000 kWh/year Source: See Energy Appendix

Construction Office Emissions

	CO2	CH4	N2O	CO2e
Construction Office Emissions (lb/year)	13,650.00	1.89	0.39	13,813.35
Construction Office Emissions (lb/day)	37.40	0.01	0.00	44.27
Construction Office Emissions (ton/year)	6.83	0.00	0.00	6.27

Equipment List for Utilidor, Streets and Open Space works (assume consistent for all three phases)

Utilidor, Streets and Open Space works

	Subphase	Equipment Type	Equipment Number	Usage Hours per day	Horsepower	Hours/day	Fuel Type
920.04	Roadworks	Graders	2	6	187	0.41	DIESEL T4
408	Roadworks	Rubber Tired Dozers	1	6	170	0.4	DIESEL T4
324	Roadworks	Excavators	1	6	270	**0.2**	DIESEL T4
234	Roadworks	Trenchers	1	6	78	0.5	DIESEL T4
912	Roadworks	Off-Highway Trucks	1	8	300	0.38	DIESEL T4
457.32	Roadworks	Skid Steer Loaders	2	6	103	0.37	DIESEL T4
	Roadworks	Pressure Washers	1	1	13	0.3	DIESEL T4 - (goes electric in mitigated)
27.52	Roadworks	Plate Compactors	1	8	8	0.43	DIESEL T4

Note: Pavers and rollers are captured in the building quantities. These are likely to be excessive when totalled across the project.

Equipment List for Basement Excavation (varies by phase)

Combined Basement Excavation Only, Phase 1:

	Subphase	Equipment Type	Equipment Number	Usage Hours per day	Horsepower	Hours/day	Fuel Type
1638	Excavation	Excavators	5	**3**	270	0.38	DIESEL T4
2040	Excavation	Rubber Tired Dozers	5	6	170	0.4	DIESEL T4
2736	Excavation	Off-Highway Trucks	3	8	300	0.38	DIESEL T4
11.7	Excavation	Pressure Washers	3	1	13	0.3	DIESEL T4
	Excavation	Pumps	3	10	84	0.74	DIESEL T4- (goes electric in mitigated)
3150	Retention	Bore/Drill Rigs	3	6	350	0.5	DIESEL T4
774	Retention	**Ground anchoring**	**3**	**4**	**215**	0.3	DIESEL T4
560	Retention	**Mobile Concrete Pump - Tier 4 Diesel**	**1**	**4**	**350**	**0.4**	DIESEL T4
685.98	Shoring trimming	Tractors/Loaders/Backhoes	3	6	103	0.37	DIESEL T4
	General	Aerial Lifts	3	2	63	0.31	electric
	General	Air Compressors	3	2	78	0.48	electric
1118.88	General	Generator Sets	3	6	84	0.74	DIESEL T4
	General	Sweepers/Scrubbers	1	8	64	0.46	electric

Combined Basement Excavation Only, Phase 2a:

Subphase	Equipment Type	Equipment Number	Usage Hours per day	Horsepower	Hours/day	Fuel Type
Excavation	Excavators	5	**1.2**	270	0.38	DIESEL T4
Excavation	Rubber Tired Dozers	5	**2.3**	170	0.4	DIESEL T4
Excavation	Off-Highway Trucks	3	**3.1**	300	0.38	DIESEL T4
Excavation	Pressure Washers	3	**0.4**	13	0.3	DIESEL T4
Excavation	Pumps	3	**3.8**	84	0.74	DIESEL T4- (goes electric in mitigated)
Retention	Bore/Drill Rigs	3	**2.3**	350	0.5	DIESEL T4
Retention	**Ground anchoring**	**3**	**1.5**	**215**	0.3	DIESEL T4
Retention	**Mobile Concrete Pump - Tier 4 Diesel**	**1**	**1.5**	**350**	**0.4**	DIESEL T4
Shoring trimming	Tractors/Loaders/Backhoes	3	**2.3**	103	0.37	DIESEL T4
General	Aerial Lifts	3	**0.8**	63	0.31	electric
General	Air Compressors	3	**0.8**	78	0.48	electric
General	Generator Sets	3	**2.3**	84	0.74	DIESEL T4
General	Sweepers/Scrubbers	1	**3.1**	64	0.46	electric

Combined Basement Excavation Only, Phase 2b:

Subphase	Equipment Type	Equipment Number	Usage Hours per day	Horsepower	Hours/day	Fuel Type
Excavation	Excavators	5	**1.6**	270	0.38	DIESEL T4
Excavation	Rubber Tired Dozers	5	**3.2**	170	0.4	DIESEL T4
Excavation	Off-Highway Trucks	3	**4.2**	300	0.38	DIESEL T4
Excavation	Pressure Washers	3	**0.5**	13	0.3	DIESEL T4
Excavation	Pumps	3	**5.3**	84	0.74	DIESEL T4- (goes electric in mitigated)
Retention	Bore/Drill Rigs	3	**3.2**	350	0.5	DIESEL T4
Retention	**Ground anchoring**	**3**	**2.1**	**215**	0.3	DIESEL T4
Retention	**Mobile Concrete Pump - Tier 4 Diesel**	**1**	**2.1**	**350**	**0.4**	DIESEL T4
Shoring trimming	Tractors/Loaders/Backhoes	3	**3.2**	103	0.37	DIESEL T4
General	Aerial Lifts	3	**1.1**	63	0.31	electric
General	Air Compressors	3	**1.1**	78	0.48	electric
General	Generator Sets	3	**3.2**	84	0.74	DIESEL T4
General	Sweepers/Scrubbers	1	**4.2**	64	0.46	electric

Combined Basement Excavation Only, Phase 3:

Subphase	Equipment Type	Equipment Number	Usage Hours per day	Horsepower	Hours/day	Fuel Type
Excavation	Excavators	5	**1.6**	270	0.38	DIESEL T4
Excavation	Rubber Tired Dozers	5	**3.2**	170	0.4	DIESEL T4
Excavation	Off-Highway Trucks	3	**4.3**	300	0.38	DIESEL T4
Excavation	Pressure Washers	3	**0.5**	13	0.3	DIESEL T4
Excavation	Pumps	3	**5.4**	84	0.74	DIESEL T4- (goes electric in mitigated)
Retention	Bore/Drill Rigs	3	**3.2**	350	0.5	DIESEL T4
Retention	**Ground anchoring**	**3**	**2.2**	**215**	0.3	DIESEL T4
Retention	**Mobile Concrete Pump - Tier 4 Diesel**	**1**	**2.2**	**350**	**0.4**	DIESEL T4
Shoring trimming	Tractors/Loaders/Backhoes	3	**3.2**	103	0.37	DIESEL T4
General	Aerial Lifts	3	**1.1**	63	0.31	electric
General	Air Compressors	3	**1.1**	78	0.48	electric
General	Generator Sets	3	**3.2**	84	0.74	DIESEL T4
General	Sweepers/Scrubbers	1	**4.3**	64	0.46	electric

Construction Equipment List for all Block Construction

Subphase	Equipment Type	CalEEMod Equipment
DEMO - see Demolition tab		
GRADING AND EXCAVATION - see Excavation tab		
Site Preparation	Sweepers/Scrubbers	Sweepers/Scrubbers
	Concrete/Industrial Saws	Concrete/Industrial Saws
	Loader	Tractors/Loaders/Backhoes
	Excavators	Excavators
	Dump Trucks	Off-Highway Trucks
	Water Trucks	Off-Highway Trucks
	Pile Drivers	Bore/Drill Rigs
	Pressure Washer	Pressure Washers
	Rollers	Rollers
	Skid-Steer Loader	Skid Steer Loaders
	Compactor	Plate Compactors
	Pump	Pumps
Building Construction	Cranes	Cranes
	Forklifts	Forklifts
	Generator Sets	Generator Sets
	Aerial Lifts	Aerial Lifts
	Cement and Mortar Mixers	Cement and Mortar Mixers
	Concrete Pumps	Pumps
	Welders	Welders
Paving	Pavers	Pavers
	Rollers	Rollers
	Off-Highway Trucks	Off-Highway Trucks
	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes
	Concrete Saw	Concrete Saw
Architectural Coating	Air Compressors	Air Compressors

Restaurant Floor Area (sq. ft.)[a]

Natural gas consumption (MMBtu)[b]	117.3
KBtu/sq. ft.[c]	120.5
Sq. Ft. Restaurant Space	973

[a] Assumes natural gas is only used for cooking.

[b] Based on 10 percent of Active Use space (50,000 sq. ft.)

[c] U.S. Energy Information Administration, Commercial Buildings Energy Consumption Survey (2016), Table E7. Natural gas consumption and conditional energy intensities (Btu) by end use, 2012 (Cooking use of natural gas in Food Service establishments). https://www.eia.gov/consumption/commercial/data/2012/c&e/pdf/e7.pdf

152,000,000,000,000	Annual Food Servce natural gas for Cooking (Btu)
120,500	Btu/sq. ft., natural gas for Cooking
1,261,410,788	Sq. ft. of restaurant space
	Number of U.S. restaurants
6,607,855	(https://financesonline.com/number-of-restaurants-in-the-us/)
191	Average size of restaurant

2012 CBECS data	Table C24 & PBA5			
Food service		159.2	cubic feet per sqft	
Fast food		173.8	cubic feet per sqft	
Restaurant or cafeteria		178	cubic feet per sqft	
Bar, pub, or lounge		92	cubic feet per sqft	
Other food service	Q		cubic feet per sqft	
Food service	Table E7			
Total		163.2	thousand Btu/square foot	
Spaceheating		34	thousand Btu/square foot	20.8%
Waterheating		39.2	thousand Btu/square foot	24.0%
Cooking		120.5	thousand Btu/square foot	73.8%
Other	Q		thousand Btu/square foot	

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 20 buildings were sampled.

Conversions			
btu/cubic feet	1,036	https://www.eia.gov/tools/faqs/faq.php?id=45&t=8	
btu/MMBtu	1,000,000		
metric tons per kg	0.001		
metric tons per g	0.000001		
NG Use for Google			
Kichen sqft	20,000		
Percent cooking space : restaurant	30.0%	assumption	
Total restaurant sqft	66,667		
Cooking only	2,410,000	thousand btu	2,410 MMBtu
All restaurants	10,880,000	thousand btu	10,880 MMBtu

NG Emissions			
CO2	53.06	kg CO2 / MMBtu	Climate Registry, Table 1.1
CH4	4.7	g CH4 / MMBtu	Climate Registry, Table 1.10
N2O	0.1	g N2O / MMBtu	Climate Registry, Table 1.10
GWP - CH4	25		
GWP - N2O	298		
Kitchens only	128	MTCO2e	
All restaurants	579	MTCO2e	

Critiera Pollutant Emissions

Emission Factors	**lb/10^6scf**	**lb/MMBtu**	
NOx	50	0.04902	AP-42, Table 1.4-1; low-NOx small boilers
CO	84	0.082353	AP-42, Table 1.4-1; low-NOx small boilers
PM	7.6	0.007451	AP-42, Table 1.4-2; PM total, appicable for PM10 & PM2.5
VOC	5.5	0.005392	AP-42, Table 1.4-2

Conversion Factors	
btu/scf	1020

Emissions		
Kitchens only		
NOx	0.0591	Tons/Yr
CO	0.0992	Tons/Yr
PM	0.0090	Tons/Yr
VOC	0.0065	Tons/Yr
All restaurants		
NOx	0.2667	Tons/Yr
CO	0.4480	Tons/Yr
PM	0.0405	Tons/Yr
VOC	0.0293	Tons/Yr

West San Fernando Bridge

	Start	Complete	Duration Months
Demolition	6/1/2022	10/1/2022	4
Abutment/Bent Construction	6/1/2023	10/1/2023	4
Superstructure	10/2/2023	4/1/2024	6

Subphase	Equipment Type	CalEEMod Equipment	Number	Horsepower	Hours/day
Demolition	Excavator	Excavator	2	158	8
Demolition	Tractor/Loader/Backhoes	Tractor/Loader/Backhoes	2	97	8
Demolition	Generator	Generator	2	84	8
Demolition	Mobile Crane	Crane	1	231	8
Demolition	Air Compressor	Air Compressor	1	78	8
Abutment/Bent Construction	Pile Drill Rig	Bore/Drill Rig	1	221	8
Abutment/Bent Construction	Tractor/Loader/Backhoes	Tractor/Loader/Backhoes	2	97	8
Abutment/Bent Construction	Generator	Generator	2	84	8
Abutment/Bent Construction	Mobile Crane	Crane	1	231	8
Abutment/Bent Construction	Concrete Pump	Pump	1	84	8
Abutment/Bent Construction	Air Compressor	Air Compressor	1	78	8
Superstructure	Tractor/Loader/Backhoes	Tractor/Loader/Backhoes	1	97	8
Superstructure	Generator	Generator	2	84	8
Superstructure	Mobile Crane	Crane	1	231	8
Superstructure	Concrete Pump	Pump	1	84	8
Superstructure	Forklifts	Forklifts	2	89	8
Superstructure	Air Compressor	Air Compressor	1	78	8

Quantities		# of Haul Trucks	Roundtrip Haul Truck Trips	Phase
2000	CY concrete	167	333	Abutment/Bent Construction
2000	CY soil removal	167	333	Demolition

Crew of 10 workers for each phase

Cooling Tower

Assumptions:	Total Dissolved Solids (TDS) (ppm)[1]	Drift Loss[2]	Operating Time (Hours/year)[2]	Density of Water (lb/gal)	Max Scenario Capacity (gal/min)[2]	Fraction of PM10 of PM[3]	Fraction of PM2.5 of PM[3]	Cycles of Concentration[2]
	166.7	0.005%	2100	8.34	30272	0.7	0.42	6

Sources:

1. Amelia Luna, Sherwood Engineers. (05/06/2020) TDS of circulating water is not to exceed 1000 ppm after filtration.
2. Provided by Applicant. Range of 0.001% to 0.005% with standard drift eliminators. Operating time at full load is 2100 hours/year.
3. CEIDARS

PM10 Emissions = (capacity) x (Concentration ratio) x (cooling water TDS) x (drift loss) x (density of water) x (operating hours)
Source: BAAQMD Permit Handbook_11.4-Cooling Towers

Operational Cooling Tower Emissions

	PM10	PM2.5
lb/day	4.358	2.615
lb/year	1590.551	954.331
ton/year	0.795	0.477

Cumulative Operational Cooling Tower Emissions by Phase in ton/year

	PM10	PM2.5
Phase 1	0.711	0.427
Phase 2a	0.711	0.427
Phase 2b	0.736	0.442
Phase 3	0.795	0.477

Generators

47 total generators (source: Project Description)

Phase 1 Floor Area	7,767,400
Phase 2a Floor Area	2,520,600
Phase 2b Floor Area	1,452,600
Phase 3 Floor Area	2,107,400
Generator density*	0.000002

*assume 5W per SF

	Percentage of floor area	# generators (by percentage of floor area and total generators assumed in Project Description)	# generators (calculated by generator density)	max # generators allowed per day for testing	Fuel type
Phase 1	56%	26	16	2	Diesel
Phase 2a	18%	9	6		Diesel
Phase 2b	10%	5	3		Diesel
Phase 3	15%	7	5		Diesel

GENERATOR OPERATIONAL EMISSIONS (tons/year)

Year	ROG	Nox	CO	SO2	PM10 Total	PM2.5 Total	CO2e
2028 (Phase 1 operational)	0.22	4.22	2.41	0.00	0.13	0.13	490.92
2029	0.22	4.22	2.41	0.00	0.13	0.13	490.92
2030 (Phase 2a operational)	0.30	5.68	3.25	0.00	0.18	0.17	660.86
2031	0.30	5.68	3.25	0.00	0.18	0.17	660.86
2032 (Phase 2b and Phase 3 operational)	0.40	7.62	4.36	0.00	0.24	0.23	887.44

GENERATOR OPERATIONAL EMISSIONS (lbs/day)

Year	ROG	Nox	CO	SO2	PM10 Total	PM2.5 Total	CO2e
2028 (Phase 1 operational)	1.22	23.10	13.22	0.00	0.73	0.71	2,690.00
2029	1.22	23.10	13.22	0.00	0.73	0.71	2,690.00
2030 (Phase 2a operational)	1.64	31.10	17.80	0.00	0.98	0.96	3,621.15
2031	1.64	31.10	17.80	0.00	0.98	0.96	3,621.15
2032 (Phase 2b and Phase 3 operational)	2.20	41.77	23.91	0.00	1.32	1.29	4,862.69

Charbroiling

Estimated Mitigated Charbroiler Stationary Source Emissions (starting 2032)

Source[1]	Uncontrolled Emission Factors[2,3] (lb/1000 lb)				Quantity[4]	Emissions Controls[5] (percent reduction)			Controlled Emissions (pounds/day)		
	VOC	PM	PM10	PM2.5	(lb/day)	VOC	PM10	PM2.5	VOC	PM10	PM2.5
Project											
Charbroiler - 25% fat Hamburger	3.94	32.65	22.86	13.71	291.3	86%	83%	83%	0.16	1.13	0.68
Charbroiler - Chicken	1.82	10.48	7.34	4.40	291.3	86%	83%	83%	0.07	0.36	0.22
Charbroiler - Salmon	0.38	3.30	2.31	1.39	291.3	86%	83%	83%	0.02	0.11	0.07
Charbroiler - NY Steak	0.86	17.19	12.03	7.22	291.3	86%	83%	83%	0.04	0.60	0.36
Emissions (pounds/day)									**0.29**	**2.20**	**1.32**
Emissions (tons/year)									0.05	0.40	0.24

Notes:

1. Source type is based on the beef, chicken, and fish for under-fired broilers.
2. South Coast Air Quality Management District, Emission Factors for Commercial Cooking Operations, http://www.aqmd.gov/docs/default-source/rule-book/Proposed-Rules/1138/par1138pdsr_appendixi.pdf?sfvrsn=2. Accessed November 2017.
3. South Coast Air Quality Management District, Final –Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, Appendix A, http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/particulate-matter-(pm)-2.5-significance-thresholds-and-calculation-methodology/final_pm2_5methodology.pdf?sfvrsn=2. Accessed November 2017. Per Appendix A, for cooking (baking, charbroiling, deep fat frying), PM10 is 0.7 fraction of PM and PM2.5 is 0.42 fraction of PM.
4. Quantity of meats charbroiled is based on the average pounds of meat cooked per restaurant with a charbroiler, and assuming multiple restaurants on the project site (assumed 5 restaurants) Source: SJVUAPCD Rule 4692 says 233 lbs/day/restaurant, https://planning.lacity.org/eir/8150Sunset/References/4.B.%20Air%20Quality/AQ.14_SJVAPCD%20Charbroiling%20EF%20by%20Meat.pdf
5. South Coast Air Quality Management District Rule 1138 (Control of Emissions from Restaurant Operations) regulates PM10 and VOC emissions from fast-food restaurants with charbroilers. Catalytic oxidizers reduce VOC emissions by approximately 86 percent and PM emissions by approximately 83 percent.

Source: ESA 2019

Electric Vehicle Stations (starting in Phase 1 operational year)

EV Charging Electricity Consumption 4,436,750 kWh/year Source: See EV calculation worksheet

EV Charging Emissions

	CO2	CH4	N2O	CO2e
EV Charging Emissions (lb/year)	931,717.50	128.67	26.62	942,867.05
EV Charging Emissions (lb/day)	2,552.65	0.35	0.07	2,583.20
EV Charging Emissions (ton/year)	465.86	0.06	0.01	471.43

	Percentage of Spaces	EV Charging Emissions (ton/year)
Phase 1	57%	267.24
Phase 2a	13%	328.91
Phase 2b	16%	405.29
Phase 3	14%	471.43

	Resi Parking	Commercial Parking	Total
1	1148	1777	2925
2a	206	469	675
2b	282	554	836
3	724		724
Total	2360	2800	5160

Emissions from Wastewater Treatment Plant Operations

Assumptions:

1 Construction impacts captured in Block Program Construction
2 Mobile & vendor mobile impacts captured in in traffic study for the Project, and are expected to be minimal in nature
3 WWTP rating = 1 MGD -- to meet non-potable demands
4 Indirect electricity generation emissions for any onsite generation captured under block operations
From PD: The district systems would include a new utility corridor ("Utilidor") to serve the project site, which could contain the following utilities:recycled water distribution, sanitary sewer collection, thermal systems (chilled water, heating hot water), fiber-optic cable, electrical distribution, and automatic waste collection.

From PD: The CUPs would house mechanical, thermal, power, water reuse, and supporting equipment to service the project site

Indirect Electricity Emissions for facility
* assumed to be captured under the block operations

Indirect Water-Energy Related Emissions

	Highly Purified Recycled Water Produced (MG/day)	Water Imported (MG/year)	Electricity Intensity Factor For Wastewater Treatment (kWh/Mgal)	Water-Electricity (MWh/yr)	CO2 Intensity (lb CO2/MWh)	CH4 Intensity (lb CH4/MWh)	N2O Intensity (lb N2O/MWh)	GHG Emissions (MT CO2e/ yr)
Regional Non-Potable (SJ-SC RWF + SVAWPC)		1072	5411	5801	210	0.029	0.006	559
Project Electricity used onsite	0	1072	5350	5735	210	0.029	0.006	553
							Net (Regional - Project) Savings:	**-6**

Global Warming Potentials (GWP)

CO2	1	MT CO2e/MT CO2
CH4	25	MT CO2e/MT CO2
N2O	298	MT CO2e/MT CO2

Conversions

2204.62	lbs/MT
1000	kW/mW

Notes

1. The production of highly purified recycled water offsets the amount of imported water. The baseline and project both assume 5 MGD possible use; any water demand above this would be present in the baseline and project and would thus not affect the analysis. The baseline assumes that no water is produced onsite, so that the total 5 MGD is imported. The project assumes that 5 MGD are produced onsite, offsetting the equivalent amount of imported water. This additional production reduces water-energy related indirect GHG emissions.

2. The electricity intensity factor for recycled water taken from Sherwood Design Engineer's *Technical Memorandum: Water Reuse Basis of Design*, January 20, 2020
3. CO2 intensity uses the 2017 PG&E emission factor.
4. Emissions calculations use GWPs from IPCC's Fourth Assessment Report
5. The Project production is assumed to be 2.9 MGD, representing the maximum effluent flow. Source: SJ Water WSA
6. For the purposes of this analysis, water demand is assumed to be equal to the maximum production, i.e., 1 MGD. The onsite water production in the Project offsets the amount of imported water needed. Any imported water beyond 1 MGD is expected to be the same in the baseline and project and thus does not affect this analysis.

Downtown West San Jose
Air Quality Assessment

Emergency Generator Emissions

Conversion Factors

HP/kW	1.3410	
PM10 Fraction of Total PM	0.960	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION
PM2.5 Fraction of Total PM	0.937	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION
CO2 g/gal	10.21	Climate Registry, Table 13.1: https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climate-Registry-Default-Emission-Factors.pdf
CH4 g/gal	0.58	Climate Registry, Table 13.7: https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climate-Registry-Default-Emission-Factors.pdf
N2O g/gal	0.26	Climate Registry, Table 13.7: https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climate-Registry-Default-Emission-Factors.pdf
GWP CH4	25	IPCC AR4
GWP N2O	298	IPCC AR4
CO2e g/gal	10,302	
CO2 g/gal	10,210	
CO2/CO2e	0.9911	

Step1 Emergency Generator

Ratings:	650	kW	*(Source: Project Description)*
	872	HP	*(based on conservative engineering assumptions; conversion from kW to hp)*
	-	kW	*(based on conservative engineering assumptions)*
	-	HP	*(conversion from kW to hp)*
Load Factor:	0.74		*(based on CalEEMod Generator Set Load Factor)*
Engine Emissions Tier:			*(compliance with CARB diesel regulations)*
Operating Hours per Unit:	2	hours/day	*(testing/maintenance -max daily. Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3)*
	50	hours/year	
	0.14	hours/day	*(testing/maintenance -average daily)*

Emergency Generator Emissions for 1 generator

Units	Criteria Pollutants [1, 2, 3]						Greenhouse Gases [4]	
	VOC	NO_X	CO	SOx	PM10	PM2.5	CO_2	CO_2e
g/kW-hr	—	—	3.50	—	—	—	—	—
g/HP-hr	0.24	4.56	2.61	5.50E-05	0.1440	0.1406	526.17	530.91
lbs/hr	0.34	6.49	3.71	0.00	0.20	0.20	748.52	755.27
lbs/day (max daily)	**0.68**	**12.97**	**7.43**	**0.00016**	**0.41**	**0.40**	1,497.05	1,510.54
lbs/day (average daily)	**0.05**	**0.89**	**0.51**	**0.00001**	**0.03**	**0.03**	102.54	103.46
lbs/yr	17.07	324.35	185.65	0.00	10.24	10.00	37,426.24	37,763.41
tons/yr	0.01	0.16	0.09	0.00	0.01	0.00	18.71	18.88
metric tons/yr	—	—	—	—	—	—	**16.98**	**17.13**

Notes:

1. Emission factors for VOC and NOX: ARB 2011 Final Regulation Order for the ATCM for stationary engines, Table 1, Model year 2008+: https://www.arb.ca.gov/regact/2010/atcm2010/finalregorder.pdf; Policy: CARB Emission Factors for CI Diesel Engines – Percent HC in Relation to NMHC + Nox: http://www.baaqmd.gov/~/media/Files/Engineering/policy_and_procedures/Engines/EmissionFactorsforDieselEngines.ashx
2. Emission factors for CO, PM10, and PM2.5: ARB 2011 Final Regulation Order for the ATCM for stationary engines, Table 1, Model year 2008+: https://www.arb.ca.gov/regact/2010/atcm2010/finalregorder.pdf
3. Emission factor for SO2: U.S. Environmental Protection Agency, AP-42 Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 3.4, Table 3.4-1.
   Emission Factor for SO2 is based on 15 ppm (0.0015%) S1 from the EPA Nonroad Diesel Fuel Program, and assumes complete conversion to SO2.
4 Emission factor for CO2: U.S. Environmental Protection Agency, AP-42 Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 3.4, Table 3.4-1.
   Emissions of GHGs assume 99.11% of the CO2e emissions occur as CO2, based on Climate Registry emission factors as referenced above.

Source: ESA 2019.

Solar Photovoltaic Panel Electricity Demand

Land Use [a]		Electricity Demand kilowatt-hours/year		Reduced Demand with Solar Photovoltaics (kWh/year)	
CalEEMod Total from all subblocks		3.4	→	(12,436,242.6)	########
Solar 7.8 MW Photovoltaics [b]		(12,436,246)			
	Percent of total	367990708.68%			

CO2 Intensity (lb/MWhr)	CH4 Intensity (lb/MWhr)	N2O Intensity (lb/MWhr)
210	0.029	0.006

CO2 GWP	CH4 GWP	N2O GWP
1	25	298

Solar PV Emission Savings

	CO2	CH4	N2O	CO2e
Solar PV Emission Savings (lb/year)	(2,611,611.66)	(360.65)	(74.62)	(2,642,863.95)
Solar PV Emission Savings (lb/day)	(7,155.10)	(0.99)	(0.20)	(7,240.72)
Solar PV Emission Savings (ton/year)	(1,305.81)	(0.18)	(0.04)	(1,198.78)

Notes:

a. Project electricity demand estimated from CalEEMod (2016.3.2) Output & Calcs spreadsheet

b. Electricity provided by 7.8 MW Photovoltaics based on data from U.S. Department of Energy, National Renewable Energy Laboratory, PVWatts Calculator, http://pvwatts.nrel.gov/pvwatts.php.

Project GHG Emissions Operational Summary extrapolated to 2061

Year	Project Mobile CO2e Emissions (MTCO2e/year)	Project Operational Electricity CO2e Emissions (MTCO2e/year)	Remaining Subblock Emissions (MTCO2e/year)	TRU Emissions (MTCO2e/year)	Stationary Sources (MTCO2e/year)	WWTP (MTCO2e/year)	Solar (MTCO2e/year)	**Operational Total (MTCO2e/year)**	**Operational Total - Baseline (MTCO2e/year)**
2025	12,333	2,367	212	9	152	0	0	**15,073**	**15,073**
2026	36,999	7,101	636	26	455	0	0	**45,218**	**45,218**
2027	55,499	10,652	954	39	682	0	0	**67,826**	**67,826**
2028	61,666	11,835	1,060	44	758	0	0	**75,363**	**75,363**
2029	61,666	15,227	971	44	758	0	0	**78,666**	**76,156**
2030	61,666	14,465	1,429	44	990	0	0	**78,593**	**76,083**
2031	61,666	16,345	1,367	44	990	0	0	**80,412**	**77,902**
2032	66,120	16,107	1,884	44	1,359	-6	-1,199	**84,308**	**81,797**
2033	65,167	14,886	1,884	44	1,359	-6	-1,199	**82,134**	**79,624**
2034	64,326	13,665	1,884	44	1,359	-6	-1,199	**80,072**	**77,562**
2035	63,594	12,444	1,884	44	1,359	-6	-1,199	**78,119**	**75,609**
2036	62,961	11,223	1,884	44	1,359	-6	-1,199	**76,265**	**73,754**
2037	62,412	10,002	1,884	44	1,359	-6	-1,199	**74,495**	**71,985**
2038	61,946	8,781	1,884	44	1,359	-6	-1,199	**72,808**	**70,297**
2039	61,555	7,560	1,884	44	1,359	-6	-1,199	**71,195**	**68,685**
2040	61,226	6,339	1,884	44	1,359	-6	-1,199	**69,646**	**67,135**
2041	60,950	5,118	1,884	44	1,359	-6	-1,199	**68,149**	**65,639**
2042	60,729	3,897	1,884	44	1,359	-6	-1,199	**66,706**	**64,196**
2043	60,547	2,676	1,884	44	1,359	-6	-1,199	**65,303**	**62,793**
2044	60,396	1,454	1,884	44	1,359	-6	-1,199	**63,931**	**61,421**
2045	60,267	233	1,884	44	1,359	0	0	**63,787**	**61,276**
2046	60,149	0	1,884	44	1,359	0	0	**63,435**	**60,925**
2047	60,052	0	1,884	44	1,359	0	0	**63,338**	**60,827**
2048	59,970	0	1,884	44	1,359	0	0	**63,256**	**60,746**
2049	59,905	0	1,884	44	1,359	0	0	**63,192**	**60,681**
2050	59,888	0	1,884	44	1,359	0	0	**63,174**	**60,664**
2051	59,888	0	1,884	44	1,359	0	0	**63,174**	**60,664**
2052	59,888	0	1,884	44	1,359	0	0	**63,174**	**60,664**
2053	59,888	0	1,884	44	1,359	0	0	**63,174**	**60,664**
2054	59,888	0	1,884	44	1,359	0	0	**63,174**	**60,664**
2055	59,888	0	1,884	44	1,359	0	0	**63,174**	**60,664**
2056	59,888	0	1,884	44	1,359	0	0	**63,174**	**60,664**
2057	59,888	0	1,884	44	1,359	0	0	**63,174**	**60,664**
2058	25,424	0	1,884	44	1,359	0	0	**28,710**	**26,200**
2059	25,424	0	1,884	44	1,359	0	0	**28,710**	**26,200**
2060	14,244	0	1,884	44	1,359	0	0	**17,530**	**15,019**
2061	14,244	0	1,884	44	1,359	0	0	**17,530**	**15,019**
							Operational sum of GHG emissions:	**2,309,162**	

Mitigated GHG Emissions Operational Summary extrapolated to 2061

Year	Mitigated Mobile CO2e Emissions (MTCO2e/year)	Mitigated Operational Electricity CO2e Emissions (MTCO2e/year)	Remaining Subblock Emissions (MTCO2e/year)	TRU Emissions (MTCO2e/year)	Stationary Sources (MTCO2e/year)	WWTP (MTCO2e/year)	Solar (MTCO2e/year)	**Operational Total (MTCO2e/year)**	**Operational Total - Baseline (MTCO2e/year)**
2025	9,073	2,367	212	7	178	0	0	**11,838**	**11,838**
2026	27,218	7,101	636	22	535	0	0	**35,513**	**35,513**
2027	40,827	10,652	954	33	803	0	0	**53,269**	**53,269**
2028	45,363	11,835	1,060	37	892	0	0	**59,188**	**59,188**
2029	45,363	15,227	971	37	892	0	0	**62,491**	**59,981**
2030	45,363	14,465	1,429	37	1,154	0	0	**62,449**	**59,938**
2031	45,363	16,345	1,367	37	1,154	0	0	**64,268**	**61,757**
2032	45,651	16,107	1,884	37	1,595	-6	-1,199	**64,068**	**61,558**
2033	45,008	14,886	1,884	37	1,595	-6	-1,199	**62,205**	**59,694**
2034	44,441	13,665	1,884	37	1,595	-6	-1,199	**60,416**	**57,906**
2035	43,946	12,444	1,884	37	1,595	-6	-1,199	**58,700**	**56,190**
2036	43,518	11,223	1,884	37	1,595	-6	-1,199	**57,051**	**54,541**
2037	43,147	10,002	1,884	37	1,595	-6	-1,199	**55,459**	**52,949**
2038	42,832	8,781	1,884	37	1,595	-6	-1,199	**53,922**	**51,412**
2039	42,567	7,560	1,884	37	1,595	-6	-1,199	**52,437**	**49,927**
2040	42,345	6,339	1,884	37	1,595	-6	-1,199	**50,994**	**48,483**
2041	42,158	5,118	1,884	37	1,595	-6	-1,199	**49,586**	**47,076**
2042	42,008	3,897	1,884	37	1,595	-6	-1,199	**48,215**	**45,705**
2043	41,885	2,676	1,884	37	1,595	-6	-1,199	**46,871**	**44,361**
2044	41,783	1,454	1,884	37	1,595	-6	-1,199	**45,548**	**43,037**
2045	41,696	233	1,884	37	1,595	0	0	**45,445**	**42,934**
2046	41,615	0	1,884	37	1,595	0	0	**45,131**	**42,620**
2047	41,548	0	1,884	37	1,595	0	0	**45,064**	**42,553**
2048	41,493	0	1,884	37	1,595	0	0	**45,008**	**42,498**
2049	41,448	0	1,884	37	1,595	0	0	**44,964**	**42,453**
2050	41,438	0	1,884	37	1,595	0	0	**44,953**	**42,443**
2051	41,438	0	1,884	37	1,595	0	0	**44,953**	**42,443**
2052	41,438	0	1,884	37	1,595	0	0	**44,953**	**42,443**
2053	41,438	0	1,884	37	1,595	0	0	**44,953**	**42,443**
2054	41,438	0	1,884	37	1,595	0	0	**44,953**	**42,443**
2055	41,438	0	1,884	37	1,595	0	0	**44,953**	**42,443**
2056	41,438	0	1,884	37	1,595	0	0	**44,953**	**42,443**
2057	41,438	0	1,884	37	1,595	0	0	**44,953**	**42,443**
2058	16,280	0	1,884	37	1,595	0	0	**19,795**	**17,285**
2059	16,280	0	1,884	37	1,595	0	0	**19,795**	**17,285**
2060	8,118	0	1,884	37	1,595	0	0	**11,633**	**9,123**
2061	8,118	0	1,884	37	1,595	0	0	**11,633**	**9,123**
							30 year operational sum of GHG emissions:	**1,702,577**	

Notes

1. The benefits of the WWTP and solar would be eliminated in 2045 when the PG&E grid is fully decarbonized.

Non-mobile

Baseline 2510.1927 MTCO2e/year Assumption: Baseline is subtracted starting in 2029.

GHG Emissions from Electricity extrapolated to 2061

Year	Project Operational Electricity CO2e Emissions (MTCO2e/year)	Mitigated Operational Electricity CO2e Emissions (MTCO2e/year)	Percent Buildout by land use	Operational MWh/year	lb CO2e/MWh for Each year RPS
2025	841	Same as Project		7,791	238.0
2026	8,443			82,315	226.1
2027	12,531			128,958	214.2
2028	11,835		56%	128,958	202.3
2029	15,227		56%	176,287	190.4
2030	14,465		74%	178,618	178.5
2031	16,345		74%	216,066	166.8
2032	16,107		100%	229,055	155.0
2033	14,886		100%	229,055	143.3
2034	13,665		100%	229,055	131.5
2035	12,444		100%	229,055	119.8
2036	11,223		100%	229,055	108.0
2037	10,002		100%	229,055	96.3
2038	8,781		100%	229,055	84.5
2039	7,560		100%	229,055	72.8
2040	6,339		100%	229,055	61.0
2041	5,118		100%	229,055	49.3
2042	3,897		100%	229,055	37.5
2043	2,676		100%	229,055	25.8
2044	1,454		100%	229,055	14.0
2045	233		100%	229,055	2.2
2046	0		100%	229,055	0
2047	0		100%	229,055	0
2048	0		100%	229,055	0
2049	0		100%	229,055	0
2050	0		100%	229,055	0
2051	0		100%	229,055	0
2052	0		100%	229,055	0
2053	0		100%	229,055	0
2054	0		100%	229,055	0
2055	0		100%	229,055	0
2056	0		100%	229,055	0
2057	0		100%	229,055	0
2058	0		44%	229,055	0
2059	0		44%	229,055	0
2060	0		26%	229,055	0
2061	0		26%	229,055	0
2062	0		26%	229,055	0

SJ Water (SJW) Typical Land Use Types (*italics* = uses in project WSA)	Units	SJW Demand Factors used in Project WSA	SJW Typical Demand Factors from Sherwood [1]	Proposed Demand Factors for the Project				Proposed Land Use Types (Sherwood)	Proposed Project Intensity	Daily Project Demand (SJW)	Annual Project Demand (SJW)	Daily Project Demand (Sherwood)	Annual Project Demand (Sherwood)	Units
					Non-Potable									
				Total Demand	Cooling Demand	Interior (toilet flushing)	Potable							
Office Space	gal/sf-d	0.1	0.1	**0.055**	0.01	0.01	0.035	Office	7,300,000	730,000	266,450,000	401,500	104,390,000	gal/sf/yr
Residential/Apartment [2]	gal/unit-d	320	340	**71.8**	7	8.64	56.2	Residential	5,900	1,888,000	689,120,000	423,620	154,621,300	gal/unit/yr
Hotel	gal/room-d	100	100	**64.1**	4.27	9.6	50.3	Hotel	300	30,000	7,800,000	19,230	4,999,800	gal/room/yr
Hotel *(Ltd.-Term Corp. Accom.)*	gal/room-d	100	100	**35**	4.27	4.8	26	Corp. Accom.	800	80,000	20,800,000	28,000	7,280,000	gal/room/yr
Active Uses	gal/sf-d	*0.25*							*500,000*	*125,000*	*32,500,000*			gal/sf/yr
Retail/Commercial [3,4]	gal/sf-d		0.2	**0.1**	0.01	0.05	0.04	Retail	200,000	0	0	20,000	5,200,000	gal/sf/yr
Retail/Commercial [3,5]	gal/sf-d		0.2	**0.25**	0.01	0	0.24	Restaurant	300,000	0	0	75,000	19,500,000	gal/sf/yr
Event Center	gal/sf-d	*0.25*							*100,000*	*25,000*	*6,500,000*			gal/sf/yr
Movie Theater	gal/sf-d	0.1	0.1	**0.035**	0.01	0.01	0.015	Events	100,000			3,500	910,000	gal/sf/yr
Logistics/Warehouse	gal/sf-d	*0.02*							*100,000*	*2,000*	*520,000*			gal/sf/yr
Utilities Plants	gal/sf-d	*0.5*							*130,000*	65,000	16,900,000			gal/sf/yr
Light Industrial	gal/sf-d	0.18	0.18	**0.07**	0.01	0.05	0.01	CUP/Logistics	230,000			16,100	4,186,000	gal/sf/yr
Open Space	gal/ac/day	*2000*							*15*	*30,000*	*7,800,000*			gal/ac/yr
Open Space/Park (Native Plants) [6]	AFY/acre		2.6	**2.6**	n/a			Irrigation	15	0	0	0	0	gal/ac/yr
								TOTAL		**2,975,000**	**1,048,390,000**	**986,950**	**301,087,100**	
											3,217 acre-feet/year		924 acre-feet/year	
								Less Existing		33,690				
								Net Water Demand		2,941,310	1,073,578,150			
											3,295 acre-feet/year			
								325,851 gallons/acre-foot			*Note: SJW uses 365 days per year for all uses.*			

Notes:

1. Project demand factors estimated based on the average of values presented in previous WSAs in San José including: Samaritan Medical Center (2015), Downtown Strategy 2040 (2018), Santana Row Expansion (2014), 1410 South Bascom Avenue (2019), Envision San José 2040 (2010), and 237 Industrial Center (2017).
2. A range of 300-400 gal/unit-d was presented for Residential/Apartments in the WSAs.
3. A range of 0.10-0.25 gal/sf-d was presented for Retail/Commercial in the WSAs.
4. The lower value presented in the Retail/Commercial values in the WSA range is appropriate for proposed retail.
5. The higher value presented for the Retail/Commercial land type in the WSAs is appropriate for proposed restaurant.
6. Project irrigation demand will be met with recycled water.

Scalar for Water- due to the overly conservative nature of the CalEEMod defaults, the water consumption and associated emissions were scaled down to match the San Jose WSA annual project demand of 1,048 MG/year

Annual Project Demand (CalEEMod)	2,863,352,225
Annual Project Demand (Sherwood)	1,048,390,000
Scalar factor for water quantity:	0.366

GHG Emissions from Mobile extrapolated to 2061

Year	Project Mobile CO2e Emissions (MTCO2e/year)	Mitigated Mobile CO2e Emissions (MTCO2e/year)	Percent Buildout by land use
2026			0%
2027			0%
2028	61666	45363	56%
2029	61666	45363	56%
2030	61666	45363	74%
2031	61666	45363	74%
2032	66120	45651	100%
2033	65167	45008	100%
2034	64326	44441	100%
2035	63594	43946	100%
2036	62961	43518	100%
2037	62412	43147	100%
2038	61946	42832	100%
2039	61555	42567	100%
2040	61226	42345	100%
2041	60950	42158	100%
2042	60729	42008	100%
2043	60547	41885	100%
2044	60396	41783	100%
2045	60267	41696	100%
2046	60149	41615	100%
2047	60052	41548	100%
2048	59970	41493	100%
2049	59905	41448	100%
2050	59888	41438	100%
2051	59888	41438	100%
2052	59888	41438	100%
2053	59888	41438	100%
2054	59888	41438	100%
2055	59888	41438	100%
2056	59888	41438	100%
2057	59888	41438	100%
2058	25424	16280	44%
2059	25424	16280	44%
2060	14244	8118	26%
2061	14244	8118	26%
2062	15788	8118	26%

REVISED MITIGATED Summary Table for Air Quality purposes with 24/27% reduction

	VMT (mi)	# Trips
Existing Year (2015) No Build	49,652,190	6,131,324
Interim Year - completion of Phase 1 with TDM	150,670,091	17,813,577
2040 with Project	180,847,222	20,624,064

Unmitigated Project:

	VMT (mi)	# Trips
Interim Year - completion of Phase 1 with TDM	198,250,120	23,438,917
2040 with Project	247,735,921	28,252,142

Notes

1. Assumes constant 2040 VMT and 2040 trips from 2032 on. Assumes constant 2026 VMT and 2026 trips from 2026 to 2031.
2. Emission factors decrease until 2050 and then remain constant because the EMFAC database ends in 2050.
3. Mitigated mobile emissions represent a linear 27% decrease in VMT and trips compared to the Project mobile emissions.
4. Assumes 53% buildout in Phase 1, 19% buildout in Phase 2a, 14% buildout in Phase 2b, and 14% buildout in Phase 3 according to land use.
5. Assumes 30 year operational life for each phase (Phase 1: 2026-2055, Phase 2a: 2031-2060; Phase 2b, 3: 2032-2061). Mobile emissions start to phase out starting in 2056.

C1.b Mitigated Criteria Air Pollutant Emissions Summary

Mitigated Criteria Air Pollutant Emission Summary

BASELINE EMISSIONS

BASELINE OPERATIONAL EMISSIONS (pounds/day)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
Existing Total	**70**	**124**	**66**	**16**	**147,007**
Mobile	58.5	122.0	65.5	15.7	131,845.0
Area	11.7	0.0	0.0	0.0	3.3
Energy	0.2	2.0	0.1	0.1	10,347.9
Waste	N/A	N/A	N/A	N/A	2,965.9
Water	N/A	N/A	N/A	N/A	1,844.6
All non-mobile	11.9	2.0	0.2	0.2	15,161.7

Note: Mobile emissions in the baseline operational emissions calculation uses 2015 VMT/Trip values from the City model and 2019 emission factors.

BASELINE OPERATIONAL EMISSIONS (tons/year)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
Existing Total	11.39	19.57	10.35	2.50	21348.44
Mobile	9.2	19.2	10.3	2.5	18,838.3
Area	2.1	0.0	0.0	0.0	0.5
Energy	0.0	0.4	0.0	0.0	1,713.2
Waste	N/A	N/A	N/A	N/A	491.0
Water	N/A	N/A	N/A	N/A	305.4
All non-mobile	2.2	0.4	0.0	0.0	2,510.2

Note: Mobile emissions in the baseline operational emissions calculation uses 2015 VMT/Trip values from the City model and 2019 emission factors.

PROPOSED EMISSIONS

CONSTRUCTION EMISSIONS (pounds/day) - calculated from tons/year table

Year	ROG_Demolition Off-road equipment	ROG_Excavation Off-road Equipment	ROG_Subblock Off-Road Equipment	ROG_Bridge Off Road Equipment	ROG_Off Road Tier adjustment (bridge/demo only)	ROG_On-road (Haul, Vendor, Worker)	ROG_total	NOX_Demolition Off-road equipment	NOX_Excavation Off-road Equipment	NOX_Subblock Off-Road Equipment	NOX_Bridge Off Road Equipment	NOX_Off Road Tier adjustment (bridge/demo only)	NOX_On-road (Haul, Vendor, Worker)	NOX_total	PM10 EXH_Demolition Off-road equipment	PM10 EXH_Excavation Off-road Equipment	PM10 EXH_Subblock Off-Road Equipment	PM10 EXH_Bridge Off Road Equipment	PM10_Off Road Tier adjustment (bridge/demo only)	PM10 EXH_On-road (Haul, Vendor, Worker)	PM10 EXH Total	PM25 EXH_Demolition Off-road equipment	PM25 EXH_Excavation Off-road Equipment
2021	1.4173	1.1698	0.0000	0.0000	0.0527	0.3877	**3**	12.2385	5.6906	0.0000	0.0000	2.1602	16.9231	**37**	0.4397	0.1572	0.0000	0.0000	0.0912	0.1780	**1**	0.4128	0.1572
2022	0.3365	2.3396	0.2512	0.1051	0.0288	0.6351	**4**	2.8846	11.3812	1.2988	0.4547	0.8134	33.1287	**50**	0.0936	0.3144	0.0332	0.0140	0.0224	0.3205	**1**	0.0878	0.3144
2023	0.0000	2.3396	1.3881	0.0742	0.0120	0.7217	**5**	0.0000	11.3812	7.0284	0.3226	0.1511	37.0790	**56**	0.0000	0.3144	0.2008	0.0099	0.0030	0.3322	**1**	0.0000	0.3144
2024	0.0000	1.1698	2.8580	0.0096	0.0045	1.4460	**5**	0.0000	5.6906	14.9288	0.0417	0.0327	45.8268	**67**	0.0000	0.1572	0.4026	0.0013	0.0008	0.3266	**1**	0.0000	0.1572
2025	0.7269	0.6622	7.6419	0.0000	0.0198	2.2414	**11**	5.2769	2.9719	12.9566	0.0000	0.9050	62.4927	**85**	0.0891	0.0842	0.3510	0.0000	0.0181	0.3911	**1**	0.0891	0.0842
2026	0.0000	1.3245	14.5259	0.0000		1.9656	**18**	0.0000	5.9439	8.9116	0.0000		60.8883	**76**	0.0000	0.1685	0.2406	0.0000		0.4060	**1**	0.0000	0.1685
2027	0.3250	0.3311	13.6806	0.0000	0.0136	1.0803	**15**	2.3577	1.4860	9.0411	0.0000	0.4249	30.6382	**44**	0.0399	0.0421	0.2429	0.0000	0.0087	0.1920	**1**	0.0399	0.0421
2028	0.1545	0.0000	2.5633	0.0000	0.0065	0.7250	**3**	1.1224	0.0000	2.1800	0.0000	0.2023	19.8505	**23**	0.0190	0.0000	0.0612	0.0000	0.0042	0.1097	**0**	0.0190	0.0000
2029	0.0000	1.5660	8.9048	0.0000		1.0066	**11**	0.0000	7.2361	15.0240	0.0000		43.1487	**65**	0.0000	0.2032	0.3999	0.0000		0.3292	**1**	0.0000	0.2032
2030	0.0000	2.1777	2.3584	0.0000		1.1287	**6**	0.0000	10.0775	4.4537	0.0000		51.2770	**66**	0.0000	0.2828	0.1221	0.0000		0.3532	**1**	0.0000	0.2828
2031	0.0000	1.0889	6.5834	0.0000		0.6634	**8**	0.0000	5.0387	2.9649	0.0000		25.9543	**34**	0.0000	0.1414	0.0818	0.0000		0.1932	**0**	0.0000	0.1414
2032			6.2994			0.0026	**6**			5.2841			0.0212	**5**			0.1408			0.0006	**0**		
Maximum							**17.82**							**84.60**							**0.93**		
Total							**96.52**							**607.59**							**8.13**		
Threshold							54							54							82		
Exceed Threshold?							No							Yes							No		

CONSTRUCTION EMISSIONS (tons/year)

Year	ROG_Demolition Off-road equipment	ROG_Excavation Off-road Equipment	ROG_Subblock Off-Road Equipment	ROG_Bridge Off Road Equipment	ROG_Off Road Tier adjustment (bridge/demo only)	ROG_On-road (Haul, Vendor, Worker)	ROG_total	NOX_Demolition Off-road equipment	NOX_Excavation Off-road Equipment	NOX_Subblock Off-Road Equipment	NOX_Bridge Off Road Equipment	NOX_Off Road Tier adjustment (bridge/demo only)	NOX_On-road (Haul, Vendor, Worker)	NOX_total	PM10 EXH_Demolition Off-road equipment	PM10 EXH_Excavation Off-road Equipment	PM10 EXH_Subblock Off-Road Equipment	PM10 EXH_Bridge Off Road Equipment	PM10_Off Road Tier adjustment (bridge/demo only)	PM10 EXH_On-road (Haul, Vendor, Worker)	PM10 EXH Total	PM25 EXH_Demolition Off-road equipment	PM25 EXH_Excavation Off-road Equipment
2021	0.2211	0.1825			0.008227	0.060484	**0**	1.9092	0.8877			0.336989	2.640008	**6**	0.0686	0.0245			0.014223	0.027774	**0**	0.0644	0.0245
2022	0.0525	0.3650	0.0392	0.0164	0.004494	0.099078	**1**	0.4500	1.7755	0.2026	0.0709	0.126898	5.168081	**8**	0.0146	0.0490	0.0052	0.0022	0.003496	0.050003	**0**	0.0137	0.0490
2023		0.3650	0.2165	0.0116	0.001873	0.112581	**1**		1.7755	1.0964	0.0503	0.023571	5.784326	**9**		0.0490	0.0313	0.0016	0.000475	0.051829	**0**		0.0490
2024		0.1825	0.4458	0.0015	0.000705	0.225572	**1**		0.8877	2.3289	0.0065	0.005108	7.148982	**10**		0.0245	0.0628	0.0002	0.000125	0.050946	**0**		0.0245
2025	0.1134	0.1033	1.1921		0.003088	0.349662	**2**	0.8232	0.4636	2.0212		0.141179	9.748865	**13**	0.0139	0.0131	0.0548		0.002822	0.061006	**0**	0.0139	0.0131
2026		0.2066	2.2660		0	0.306629	**3**		0.9272	1.3902		0	9.498579	**12**		0.0263	0.0375		0	0.063329	**0**		0.0263
2027	0.0507	0.0517	2.1342		0.002121	0.168533	**2**	0.3678	0.2318	1.4104		0.066285	4.779559	**7**	0.0062	0.0066	0.0379		0.001362	0.029949	**0**	0.0062	0.0066
2028	0.0241		0.3999		0.001009	0.113097	**1**	0.1751		0.3401		0.031557	3.096684	**4**	0.0030		0.0096		0.000648	0.01712	**0**	0.0030	
2029		0.2443	1.3891		0	0.157026	**2**		1.1288	2.3437		0	6.731199	**10**		0.0317	0.0624		0	0.051351	**0**		0.0317
2030		0.3397	0.3679		0	0.176083	**1**		1.5721	0.6948		0	7.999207	**10**		0.0441	0.0191		0	0.055101	**0**		0.0441
2031		0.1699	1.0270		0	0.103486	**1**		0.7860	0.4625		0	4.048876	**5**		0.0221	0.0128		0	0.030137	**0**		0.0221
2032			0.9827			0.000408	**1**			0.8243			0.003312	**1**			0.0220			8.88E-05	**0**		
Maximum							**2.78**							**13.20**							**0.15**		
Total							**15.06**							**94.78**							**1.27**		
Threshold							10							10							15		
Exceed Threshold?							No							Yes							No		

PM25 EXH_Subblock Off-Road Equipment	PM25 EXH_Bridge Off Road Equipment	PM25_Off Road Tier adjustment (bridge/demo only)	PM25 EXH_On-road (Haul, Vendor, Worker)	**PM2.5 EXH Total**	CO2e_Demolition Off-road equipment	CO2e_Excavation Off-road Equipment	CO2e_Subblock Off-Road Equipment	CO2e_Bridge Off-road equipment	CO2e_Off Road Tier Adjustment (bridge/demo only)	CO2e_On-road (Haul, Vendor, Worker)	Construction office	**CO2e**
0.0000	0.0000	0.0857	0.2150	**1**	7311.2809	10827.5877	0.0000	0.0000	134.4641	10935.6506	44.2735	**29253**
0.0332	0.0140	0.0213	0.2030	**1**	1822.3290	18591.8382	1809.6891	833.7633	148.4655	20315.1586	44.2735	**43566**
0.2007	0.0099	0.0030	0.1084	**1**	0.0000	18591.8382	9979.6782	591.1872	89.9939	23024.1407	44.2735	**52321**
0.4026	0.0013	0.0008	0.1460	**1**	0.0000	9295.9191	27933.4269	77.0267	38.7434	29821.7537	44.2735	**67211**
0.3510	0.0000	0.0181	0.2010	**1**	5493.6671	4740.4363	29089.7671	0.0000	0.7385	40862.0955	44.2735	**80231**
0.2406	0.0000		0.1924	**1**	0.0000	9480.8727	20125.0416	0.0000	0.0000	38514.7932	44.2735	**68165**
0.2429	0.0000	0.0087	0.1003	**0**	2454.6175	2370.2182	17887.1161	0.0000	45.1078	20236.2538	44.2735	**43038**
0.0612	0.0000	0.0039	0.0605	**0**	1168.8655	0.0000	6853.0106	0.0000	21.4210	12226.5718	44.2735	**20314**
0.3998	0.0000		0.1319	**1**	0.0000	11563.0790	24665.6106	0.0000	0.0000	24602.9311	44.2735	**60876**
0.1221	0.0000		0.1433	**1**	0.0000	16088.3826	10924.9383	0.0000	0.0000	26193.4836	44.2735	**53251**
0.0818	0.0000		0.0839	**0**	0.0000	8044.1913	7277.5013	0.0000	0.0000	15709.3805	44.2735	**31075**
0.1408			0.0005	**0**			9805.0076			141.1723		**9946**
				0.87								**80230.98**
				6.54	**18250.76**	**109594.36**	**166350.79**	**1501.98**	**478.93**	**262583.39**		**559247.38**
				54								
				No								

PM25 EXH_Subblock Off-Road Equipment	PM25 EXH_Bridge Off Road Equipment	PM25_Off Road Tier adjustment (bridge/demo only)	PM25 EXH_On-road (Haul, Vendor, Worker)	**PM2.5 EXH Total**	CO2e_Demolition Off-road equipment	CO2e_Excavation Off-road Equipment	CO2e_Subblock Off-Road Equipment	CO2e_Bridge Off-road equipment	CO2e_Off Road Tier Adjustment	CO2e_On-road (Haul, Vendor, Worker)	Construction office	**CO2e**
		0.01337	0.033535	**0**	1034.6997	1532.3309			19.03	1547.6241	6.2656	**4140**
0.0052	0.0022	0.003326	0.03167	**0**	257.8978	2631.1353	256.1090	117.9950	21.01	2875.0213	6.2656	**6165**
0.0313	0.0016	0.000475	0.016905	**0**		2631.1353	1412.3339	83.6654	12.74	3258.3991	6.2656	**7405**
0.0628	0.0002	0.000125	0.022769	**0**		1315.5677	3953.1662	10.9009	5.50	4220.4040	6.2656	**9512**
0.0548		0.002822	0.031353	**0**	777.4692	670.8712	4116.8126		0.10	5782.8441	6.2656	**11354**
0.0375		0	0.030009	**0**		1341.7425	2848.1158		0.00	5450.6516	6.2656	**9647**
0.0379		0.001362	0.015648	**0**	347.3799	335.4356	2531.4023		6.38	2863.8546	6.2656	**6091**
0.0096		0.000601	0.009439	**0**	165.4190		969.8448		3.04	1730.3165	6.2656	**2875**
0.0624		0	0.02057	**0**		1636.4184	3490.7016		0.00	3481.8311	6.2656	**8615**
0.0190		0	0.022348	**0**		2276.8438	1546.1081		0.00	3706.9277	6.2656	**7536**
0.0128		0	0.013085	**0**		1138.4219	1029.9192		0.00	2223.2070	6.2656	**4398**
0.0220			8.17E-05	**0**			1387.6144			19.9788		**1408**
				0.14								**11354.37**
				1.02	**2582.87**	**15509.90**	**23542.13**	**212.56**	**67.80**	**37161.06**	**68.92**	**79145.24**
				10						Annual:		2,638
				No								

PROPOSED EMISSIONS

OPERATIONAL EMISSIONS (pounds/day)

Proposed split for backcasted emissions of Phase 1	Year	ROG_Mobile	ROG_TRU	ROG_Stationary Sources	ROG_Subblock	**ROG_total**	NOX_Mobile	NOX_TRU	NOX_Stationary Sources	NOX_Subblock	**NOX_total**	PM10_Mobile	PM10_TRU	PM10_Stationary Sources	PM10_Subblock
	2021					**0**					**0**				
	2022					**0**					**0**				
	2023					**0**					**0**				
	2024					**0**					**0**				
20%	2025					**55**					**39**				
60%	2026					**164**					**116**				
90%	2027					**246**					**174**				
100%	2028	99.8492	0.3808	0.9679	171.7847	**273**	184.8247	3.8359	2.5315	1.6945	**193**	192.9369	0.1274	5.5378	0.7410
	2029	99.8492	0.3808	0.9679	171.7847	**273**	184.8247	3.8359	2.5315	1.6945	**193**	192.9369	0.1274	5.5378	0.7410
	2030	99.8492	0.3808	1.2909	227.1285	**329**	184.8247	3.8359	3.4077	1.9996	**194**	192.9369	0.1274	6.0125	0.8773
Phase 2a operational	2031	99.8492	0.3808	1.2909	227.1285	**329**	184.8247	3.8359	3.4077	1.9996	**194**	192.9369	0.1274	6.0125	0.8773
Phase 2b and 3 operational	2032	85.8107	0.3808	1.6740	307.0496	**395**	183.6442	3.8359	4.5761	3.0896	**195**	228.8312	0.1274	6.7385	1.3816
	Maximum					**395**					**195**				
	Total					**2062**					**1297**				
	Threshold					54					54				
	Exceed Threshold?					Yes					Yes				

OPERATIONAL EMISSIONS (tons/year) Note: Operational GHG emissions are extrapolated backwards to 2025 to show a linear progression of some buildings becoming operational prior to the end of construction in Phase 1. (20% in 2

	Year	ROG_Mobile	ROG_TRU	ROG_Stationary Sources	ROG_Subblock	**ROG_total**	NOX_Mobile	NOX_TRU	NOX_Stationary Sources	NOX_Subblock	**NOX_total**	PM10_Mobile	PM10_TRU	PM10_Stationary Sources	PM10_Subblock
	2021					**0**					**0**				
	2022					**0**					**0**				
	2023					**0**					**0**				
	2024					**0**					**0**				
	2025					**9**					**6**				
	2026					**28**					**18**				
	2027					**42**					**27**				
Phase 1 operational	2028	15.6108	0.0695	0.1766	31.3507	**47**	29.0438	0.7001	0.4620	0.3092	**31**	30.3319	0.0233	1.0106	0.1352
	2029	15.6108	0.0695	0.1766	31.3507	**47**	29.0438	0.7001	0.4620	0.3092	**31**	30.3319	0.0233	1.0106	0.1352
Phase 2a operational	2030	15.6108	0.0695	0.2356	41.4510	**57**	29.0438	0.7001	0.6219	0.3649	**31**	30.3319	0.0233	1.0973	0.1601
	2031	15.6108	0.0695	0.2356	41.4510	**57**	29.0438	0.7001	0.6219	0.3649	**31**	30.3319	0.0233	1.0973	0.1601
Phase 2b and 3 operational	2032	13.2983	0.0695	0.3055	56.0366	**70**	28.8028	0.7001	0.8351	0.5639	**31**	35.9190	0.0233	1.2298	0.2521
	Maximum					**70**					**31**				
	Total					**359**					**205**				
	Threshold					10					10				
	Exceed Threshold?					Yes					Yes				

PM10_total	PM25_Mobile	PM25_TRU	PM25_Stationary Sources	PM25_Subblock	PM25_total	CO2e_Mobile	CO2e_TRU	CO2e_Stationary Sources	CO2e_Subblock	CO2e_WWTP	CO2e_Solar	CO2e_total
0					0							0
0					0							0
0					0							0
0					0							0
40					9							80577
120					28							241731
179					43							362597
199	43.0898	0.1173	3.3593	0.7410	47	319430.8878	179.4507	5386.3990	77888.4250			402885
199	43.0898	0.1173	3.3593	0.7410	47	319430.8878	179.4507	5386.3990	97840.1037			422837
200	43.0898	0.1173	3.6567	0.8773	48	319430.8878	179.4507	6971.5537	95999.4237			422581
200	43.0898	0.1173	3.6567	0.8773	48	319430.8878	179.4507	6971.5537	106986.2706			433568
237	50.2889	0.1173	4.1092	1.3816	56	323446.5795	179.4507	9631.4130	108663.7911	-38.0730	-7240.7231	434642
237					56							434642
1375					326							2801419
82					54							
Yes					Yes							

025, 60% in 2026, and 90% in 2027)

PM10_total	PM25_Mobile	PM25_TRU	PM25_Stationary Sources	PM25_Subblock	PM25_total	CO2e_Mobile	CO2e_TRU	CO2e_Stationary Sources	CO2e_Subblock	CO2e_WWTP	CO2e_Solar	CO2e_total
0					0							0
0					0							0
0					0							0
0					0							0
6					2							11837
19					5							35510
28					7							53265
32	6.7637	0.0214	0.6131	0.1352	8	45363.4640	32.7497	891.7798	12895.3176			59183
32	6.7637	0.0214	0.6131	0.1352	8	45363.4640	32.7497	891.7798	16198.5457			62487
32	6.7637	0.0214	0.6674	0.1601	8	45363.4640	32.7497	1154.2203	15893.8001			62444
32	6.7637	0.0214	0.6674	0.1601	8	45363.4640	32.7497	1154.2203	17712.7980			64263
37	7.8707	0.0214	0.7499	0.2521	9	45651.0048	32.7497	1594.5903	17990.5307	-6.3034	-1198.7843	64064
37					9							64263
217					52							413053
15					10							
Yes					No							

NET EMISSIONS

CONSTRUCTION + OPERATION EMISSIONS (pounds/day)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
2021	3	37	1	1	29,253
2022	4	50	1	1	43,566
2023	5	56	1	1	52,321
2024	5	67	1	1	67,211
2025	66	123	41	10	160,808
2026	182	191	120	29	309,896
2027	261	218	180	43	405,634
2028	276	216	200	47	423,199
2029	284	258	200	48	483,713
2030	334	260	201	48	475,832
2031	337	228	200	48	464,644
2032	401	200	237	56	444,589
Maximum	401	260	237	56	483,713
Total	2,159	1,905	1,383	333	3,360,666
Threshold	54	54	82	54	
Exceed Threshold?	Yes	Yes	Yes	Yes	

CONSTRUCTION + OPERATION +/- BASELINE EMISSIONS (pounds/day)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
2021	3	37	1	1	29,253
2022	4	50	1	1	43,566
2023	5	56	1	1	52,321
2024	5	67	1	1	67,211
2025	66	123	41	10	160,808
2026	182	191	120	29	309,896
2027	261	218	180	43	405,634
2028	276	216	200	47	423,199
2029	273	256	200	48	468,551
2030	322	258	201	48	460,671
2031	325	226	200	48	449,482
2032	389	198	237	56	429,427
Maximum	389	258	237	56	468,551
Total	2,111	1,897	1,382	332	3,300,019
Threshold	54	54	82	54	
Exceed Threshold?	Yes	Yes	Yes	Yes	

Note: Existing uses assumed to operate on-site through 2028. Baseline emissions for non-transportation sources subtracted in 2029-2032.

CONSTRUCTION + OPERATION EMISSIONS (tons/year)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
2021	0	6	0	0	4,140
2022	1	8	0	0	6,165
2023	1	9	0	0	7,405
2024	1	10	0	0	9,512
2025	11	19	6	2	23,191
2026	31	30	19	5	45,157
2027	45	34	28	7	59,356
2028	48	34	32	8	62,058
2029	49	41	32	8	71,102
2030	58	41	32	8	69,980
2031	59	36	32	8	68,661
2032	71	32	37	9	65,471
Maximum	71	41	37	9	71,102
Total	374	300	218	53	492,198
Threshold	10	10	15	10	
Exceed Threshold?	Yes	Yes	Yes	No	

CONSTRUCTION + OPERATION - BASELINE EMISSIONS (tons/year)

Year	ROG	Nox	PM10 Total	PM2.5 Total	CO2e
2021	0	6	0	0	4,140
2022	1	8	0	0	6,165
2023	1	9	0	0	7,405
2024	1	10	0	0	9,512
2025	11	19	6	2	23,191
2026	31	30	19	5	45,157
2027	45	34	28	7	59,356
2028	48	34	32	8	62,058
2029	47	40	32	8	68,592
2030	56	41	32	8	67,470
2031	56	36	32	8	66,151
2032	69	31	37	9	62,961
Maximum	69	41	37	9	68,592
Total	365	299	218	53	482,157
Threshold	10	10	15	10	
Exceed Threshold?	Yes	Yes	Yes	No	

Note: Existing uses assumed to operate on-site through 2028. Baseline emissions for non-transportation sources subtracted in 2029-2032.

Operational Mobile Emissions - MITIGATED

What is being analyzed?

Scenario (without and with Project)	**TA/CEQA**	**LTA/LOS**
Existing	2015 (base year of model)	2019 (counts)
Background	n/a	No set year, but generally thought of as 5 years out
Cumulative	2040	2040

Unmitigated Project:

	VMT (mi)	# Trips
Interim Year - completion of Phase 1 with TDM	198,250,120	23,438,917
2040 with Project	247,735,921	28,252,142
Mitigated percentage at full buildout:		73%
Mitigated percentage at end of Phase 1:		76%

REVISED MITIGATED Summary Table for Air Quality purposes with 24/27% reduction

	VMT (mi)	# Trips
Existing Year (2015) No Build	49,652,190	6,131,324
Interim Year - completion of Phase 1 with TDM	150,670,091	17,813,577
2040 with Project	180,847,222	20,624,064

VMT/Trip Mix + Exhaust Emissions + Brake and Tire Wear Emissions, YEAR 2026 Annual

Mode	VMT %	Trip %	ROG_RUNEX	Weighted ROG_RUNEX (g/mi)	ROG_STREX	Weighted ROG_STREX (g/trip)	ROG_IDLEX	Weighted ROG_IDLEX (g/trip)	ROG_DIURN	Weighted ROG_DIURN (g/trip)	ROG_RESTL	Weighted ROG_RESTL (g/trip)	ROG_HTSK	Weighted ROG_HTSK (g/trip)	ROG_RUNLS
LDA	0.59384184	0.548053914	0.004915832	0.002919227	0.160623627	0.088030408	0	0	0.031025218	0.017003492	0.028066997	0.015382227	0.07545957	0.041355912	0.185854266
LDT1	0.053378393	0.052691433	0.011308146	0.000603611	0.222696623	0.011734204	0	0	0.063386283	0.003339914	0.053387721	0.002813076	0.124908235	0.006581594	0.473603394
LDT2	0.174256604	0.174315588	0.009540966	0.001662576	0.24301177	0.04236074	0	0	0.056043231	0.009769209	0.054637057	0.009524091	0.10676941	0.018611572	0.387490607
MDV	0.106366805	0.108060819	0.010794375	0.001148163	0.281224844	0.030389387	0	0	0.063564434	0.006868825	0.062342724	0.006736806	0.116658162	0.012606177	0.396120603
LHD1	0.020943648	0.056637187	0.082267751	0.001722987	0.059663641	0.003379181	0.019371439	0.001097144	0.001716739	9.72312E-05	0.000904282	5.1216E-05	0.064563362	0.003656687	0.458804449
LHD2	0.005400571	0.013997099	0.103700547	0.000560042	0.032086826	0.000449122	0.014669554	0.000205331	0.000842882	1.17979E-05	0.000456595	6.391E-06	0.033077354	0.000462987	0.204792275
MHD	0.013558658	0.018577777	0.013929082	0.00018886	0.044626576	0.000829063	0.018198706	0.000338092	0.000334343	6.21134E-06	0.000180374	3.35095E-06	0.016140586	0.000299856	0.087699288
HHD	0.022805729	0.013323844	0.025230325	0.000575396	2.31009E-06	3.07793E-08	0.425464995	0.005668829	1.73946E-06	2.31763E-08	9.87177E-07	1.3153E-08	7.87131E-05	1.04876E-06	0.000396674
OBUS	0.001527853	0.002397618	0.020648419	3.15477E-05	0.083132761	0.000199321	0.047899831	0.000114845	0.001072346	2.57108E-06	0.00048324	1.15863E-06	0.015877094	3.80672E-05	0.180022545
UBUS	0.001224776	0.00029386	0.025270661	3.09509E-05	0.008292131	2.43673E-06	0	0	0.000122061	3.58689E-08	5.87376E-05	1.72606E-08	0.000290965	8.55029E-08	0.001635924
MCY	0.005038089	0.009843498	2.163162397	0.010898205	1.911910842	0.01881989	0	0	0.898034548	0.008839801	0.482026156	0.004744823	0.658738908	0.006484295	1.752084572
SBUS	0.000914932	0.001753441	0.076132775	6.96563E-05	0.030552706	5.35724E-05	0.274128153	0.000480668	0.00064114	1.1242E-06	0.000292016	5.12033E-07	0.006204846	1.08798E-05	0.040738778
MH	0.000742102	5.39218E-05	0.053215769	3.94915E-05	0.084520835	4.55752E-06	0	0	0.521835107	2.81383E-05	0.192731159	1.03924E-05	0.044593215	2.40455E-06	1.014315447
	1	1													

YEAR 2026 Annual Emissions (tons/year)

	ROG	NOX	PM10	PM2.5	CO2e
Running/Idling/Starting Exhaust	16.45	29.53	0.39	0.36	
Brake and Tire wear			8.17	3.24	
Road Dust			22.18	3.33	
Total	**16.45**	**29.53**	**30.74**	**6.93**	**47388.37801**
Significance Threshold	10	10	15	10	N/A

YEAR 2026 Daily Emissions (lb/day)

	ROG	NOX	PM10	PM2.5	CO2e
Running/Idling/Starting Exhaust	104.47	187.47	2.45	2.29	
Brake and Tire wear			51.90	20.59	
Road Dust			140.81	21.12	
Total	**104.47**	**187.47**	**195.16**	**44.01**	**331,661.48**
Significance Threshold	54	54	82	54	N/A

Weighted ROG_RUNLS (g/trip)	NOx_RUNEX	Weighted NOx_RUNEX (g/mi)	NOx_STREX	Weighted NOx_STREX (g/trip)	NOx_IDLEX	Weighted NOx_IDLEX (g/trip)	PM10_RUNEX	Weighted PM10_RUNEX (g/mi)	PM10_STREX
0.101858158	0.024318225	0.01444118	0.146784573	0.080445859	0	0	0.001190306	0.000706853	0.00158148
0.024954842	0.052354618	0.002794605	0.185777692	0.009788893	0	0	0.001443932	7.70748E-05	0.001899042
0.067545653	0.048718472	0.008489516	0.214688142	0.03742349	0	0	0.001267308	0.000220837	0.001628831
0.042805117	0.054589521	0.005806513	0.241180621	0.026062175	0	0	0.001316435	0.000140025	0.001676872
0.025985393	0.501705321	0.01050754	0.274000433	0.015518614	0.052778955	0.002989252	0.008597279	0.000180058	0.000231632
0.002866498	0.604980091	0.003267238	0.153209202	0.002144484	0.086501617	0.001210772	0.014576048	7.8719E-05	0.000117185
0.001629258	1.445387766	0.019597519	1.698466981	0.031553741	0.384054383	0.007134877	0.007064452	9.57845E-05	0.00011167
5.28522E-06	2.645781643	0.06033898	2.32114605	0.030926588	5.313842098	0.070800803	0.024793091	0.000565425	6.07666E-07
0.000431625	1.452790947	0.002219651	1.111137552	0.002664083	0.401134274	0.000961767	0.007549601	1.15347E-05	0.000148693
4.80733E-07	0.710903984	0.000870698	0.013826587	4.06308E-06	0	0	0.005169906	6.33198E-06	1.70932E-05
0.017246641	1.14240746	0.005755551	0.270461439	0.002662287	0	0	0.002060563	1.03813E-05	0.002929315
7.14331E-05	4.16933677	0.003814659	0.952464004	0.00167009	3.237041439	0.005675962	0.027087656	2.47834E-05	5.42621E-05
5.46938E-05	1.21214717	0.000899536	0.240338745	1.29595E-05	0	0	0.020231217	1.50136E-05	0.000240404

Weighted PM10_STREX (g/trip)	PM10_IDLEX	Weighted PM10_IDLEX (g/trip)	PM10_PMBW	Weighted PM10_PMBW (g/mi)	PM10_PMTW	Weighted PM10_PMTW (g/mi)	PM25_RUNEX	Weighted PM25_RUNEX (g/mi)	PM25_STREX	Weighted PM25_STREX (g/trip)	PM25_IDLEX	Weighted PM25_IDLEX (g/vehicle/day to g/trip)	PM25_PMBW	Weighted PM25_PMBW (g/mi)	PM25_PMTW	Weighted PM25_PMTW (g/mi)
0.000866736	0	0	0.036750011	0.021823694	0.008000002	0.004750736	0.001095854	0.000650764	0.001454112	0.000796932	0	0	0.015750005	0.009353012	0.002000001	0.001187684
0.000100063	0	0	0.036750011	0.001961657	0.008000002	0.000427027	0.001328337	7.09045E-05	0.001746099	9.20045E-05	0	0	0.015750005	0.00084071	0.002000001	0.000106757
0.000283931	0	0	0.036750011	0.006403932	0.008000002	0.001394053	0.001166662	0.000203299	0.00149765	0.000261064	0	0	0.015750005	0.002744542	0.002000001	0.000348513
0.000181204	0	0	0.036750011	0.003908981	0.008000002	0.000850935	0.001214003	0.00012913	0.001541826	0.000166611	0	0	0.015750005	0.001675278	0.002000001	0.000212734
1.3119E-05	0.0008717	4.93706E-05	0.076440022	0.001600933	0.009831388	0.000205905	0.008179238	0.000171303	0.000212977	1.20624E-05	0.000833991	4.72349E-05	0.032760009	0.000686114	0.002457847	5.14763E-05
1.64025E-06	0.001465823	2.05173E-05	0.089180026	0.000481623	0.010801019	5.83317E-05	0.01392135	7.51832E-05	0.000107747	1.50815E-06	0.001402412	1.96297E-05	0.038220011	0.00020641	0.002700255	1.45829E-05
2.07458E-06	0.000277166	5.14913E-06	0.130340037	0.001767236	0.012000003	0.000162704	0.006752113	9.15496E-05	0.000102676	1.9075E-06	0.000265176	4.92638E-06	0.055860016	0.000757387	0.003000001	4.0676E-05
8.09644E-09	0.002421971	3.227E-05	0.061011269	0.001391406	0.035565238	0.000811091	0.023720525	0.000540964	5.58726E-07	7.44438E-09	0.002317197	3.0874E-05	0.026147687	0.000596317	0.00889131	0.000202773
3.56509E-07	0.000131344	3.14912E-07	0.130340037	0.00019914	0.012000003	1.83342E-05	0.007209502	1.10151E-05	0.000136718	3.27797E-07	0.000125662	3.01289E-07	0.055860016	8.53459E-05	0.003000001	4.58356E-06
5.023E-09	0	0	0.069382874	8.49785E-05	0.033326143	4.08171E-05	0.004944673	6.05612E-06	1.57166E-05	4.61847E-09	0	0	0.029735517	3.64194E-05	0.008331536	1.02043E-05
2.88347E-05	0	0	0.011760003	5.92479E-05	0.004000001	2.01524E-05	0.001923534	9.69094E-06	0.002747524	2.70452E-05	0	0	0.005040001	2.5392E-05	0.001	5.03809E-06
9.51454E-08	0.003057417	5.361E-06	0.744800211	0.000681442	0.010812034	9.89228E-06	0.025901527	2.36981E-05	4.9892E-05	8.74827E-08	0.002925155	5.12909E-06	0.31920009	0.000292046	0.002703009	2.47307E-06
1.2963E-08	0	0	0.130340037	9.67255E-05	0.01314752	9.7568E-06	0.019315317	1.43339E-05	0.000221043	1.1919E-08	0	0	0.055860016	4.14538E-05	0.00328688	2.4392E-06

CO2e_IDLEX (derived)	Weighted CO2e_IDLEX (g/trip)	CO2e_RUNEX (derived)	Weighted CO2e_RUNEX (g/mi)	CO2e_STREX (derived)	Weighted CO2e_STREX (g/trip)
0	0	221.2985699	131.4163499	54.11067552	29.65556749
0	0	266.3961859	14.21980042	65.1752338	3.434176492
0	0	282.4516367	49.21906294	70.08475575	12.21686543
0	0	341.0868046	36.28031352	81.77086652	8.836226781
9.002089063	0.509853002	762.2488893	15.96427243	17.98440701	1.018586224
14.17807109	0.198451867	746.8724719	4.033537744	11.03892174	0.154512882
72.71614476	1.350904311	1091.149991	14.79452981	11.26096446	0.209203685
1059.042342	14.11051483	1423.518482	32.46437693	0.049195992	0.00065548
99.5440736	0.23866866	1321.404314	2.01891154	19.41234665	0.046543391
0	0	1780.942686	2.18125627	1.777535583	0.000522347
0	0	237.6249918	1.197175929	71.03880912	0.699270362
360.4605891	0.632046501	1063.689486	0.973203515	6.135655896	0.010758513
0	0	1462.852088	1.085584844	25.62559192	0.001381779

VMT/Trip Mix + Exhaust Emissions + Brake and Tire Wear Emissions, YEAR 2032 Annual

Mode	VMT %	Trip %	ROG_RUNEX	Weighted ROG_RUNEX (g/mi)	ROG_STREX	Weighted ROG_STREX (g/trip)	ROG_IDLEX	Weighted ROG_IDLEX (g/trip)	ROG_DIURN	Weighted ROG_DIURN (g/trip)	ROG_RESTL	Weighted ROG_RESTL (g/trip)	ROG_HTSK	Weighted ROG_HTSK (g/trip)	ROG_RUNLS
LDA	0.595503156	0.550517947	0.00274608	0.001635299	0.104103875	0.057311051	0	0	0.022270924	0.012260543	0.020698228	0.011394746	0.055449698	0.030526054	0.164230266
LDT1	0.054159901	0.053657573	0.004953343	0.000268273	0.130316524	0.006992468	0	0	0.039289142	0.00210816	0.036036412	0.001933626	0.080307078	0.004309083	0.314005244
LDT2	0.170395541	0.170506751	0.005523262	0.000941139	0.160153463	0.027307247	0	0	0.045222909	0.007710811	0.044958613	0.007665747	0.080293069	0.01369051	0.307894161
MDV	0.106773774	0.108466315	0.005713236	0.000610024	0.172011389	0.018657441	0	0	0.054551341	0.005916983	0.05404028	0.00586155	0.090542794	0.009820843	0.311031623
LHD1	0.021156551	0.056642878	0.069387234	0.001467995	0.037674299	0.002133981	0.016550636	0.000937476	0.00128439	7.27515E-05	0.000723992	4.1009E-05	0.049179349	0.00278566	0.362582174
LHD2	0.005623427	0.014702709	0.096501992	0.000542672	0.019511748	0.000286876	0.013018832	0.000191412	0.000581545	8.55028E-06	0.000348372	5.12201E-06	0.021210297	0.000311849	0.119516675
MHD	0.013648985	0.01886442	0.011300903	0.000154246	0.041486361	0.000782616	0.018784344	0.000354356	0.000282978	5.33822E-06	0.000169832	3.20378E-06	0.01337051	0.000252227	0.067865854
HHD	0.023588433	0.01272813	0.02370356	0.00055913	2.23752E-06	2.84794E-08	0.423137835	0.005385753	1.30868E-06	1.6657E-08	8.08521E-07	1.0291E-08	5.61857E-05	7.15139E-07	0.000273576
OBUS	0.0014232	0.002265848	0.015764916	2.24366E-05	0.075413097	0.000170875	0.050327823	0.000114035	0.001069544	2.42343E-06	0.000493773	1.11882E-06	0.01572941	3.56405E-05	0.184404373
UBUS	0.001156088	0.000261792	0.026968968	3.11785E-05	0.011113095	2.90932E-06	0	0	0.000417262	1.09236E-07	0.000252195	6.60226E-08	0.001499034	3.92436E-07	0.01010444
MCY	0.004956664	0.00979946	2.118090797	0.010498665	1.865586768	0.018281742	0	0	0.893530707	0.008756118	0.473008346	0.004635226	0.627815295	0.006152251	1.411296112
SBUS	0.000889053	0.001535585	0.050047195	4.44946E-05	0.03922774	6.02375E-05	0.349342706	0.000536445	0.001022582	1.57026E-06	0.000489451	7.51593E-07	0.009642952	1.48076E-05	0.062952549
MH	0.000725227	5.05921E-05	0.036265252	2.63005E-05	0.071199479	3.60213E-06	0	0	0.294435204	1.48961E-05	0.124093104	6.27813E-06	0.02302533	1.1649E-06	0.381248552
	1	1													

YEAR 2032 Annual Emissions (tons/year)

	ROG	NOX	PM10	PM2.5	CO2e
Running/Idling/Starting Exhaust	14.88	29.69	0.37	0.34	
Brake and Tire wear			9.82	3.90	
Road Dust			26.62	3.99	
Total	**14.88**	**29.69**	**36.81**	**8.23**	**49765.38603**
Significance Threshold	10	10	15	10	N/A

YEAR 2032 Daily Emissions (lb/day)

	ROG	NOX	PM10	PM2.5	CO2e
Running/Idling/Starting Exhaust	94.49	188.49	2.33	2.19	
Brake and Tire wear			62.36	24.74	
Road Dust			169.02	25.35	
Total	**94.49**	**188.49**	**233.71**	**52.28**	**348,297.67**
Significance Threshold	54	54	82	54	N/A

Weighted ROG_RUNLS (g/trip)	NOx_RUNEX	Weighted NOx_RUNEX (g/mi)	NOx_STREX	Weighted NOx_STREX (g/trip)	NOx_IDLEX	Weighted NOx_IDLEX (g/trip)	PM10_RUNEX	Weighted PM10_RUNEX (g/mi)	PM10_STREX
0.090411709	0.018115685	0.010787947	0.119347499	0.06570294	0	0	0.000815764	0.00048579	0.001152929
0.016848759	0.027183412	0.001472251	0.140054672	0.007514994	0	0	0.000927871	5.02534E-05	0.001309541
0.052498033	0.029965454	0.00510598	0.153102504	0.02610501	0	0	0.000913621	0.000155677	0.001222447
0.033736454	0.030472351	0.003253648	0.161325717	0.017498406	0	0	0.000916616	9.78705E-05	0.001222559
0.020537698	0.233037532	0.00493027	0.208126943	0.011788909	0.043006074	0.002435988	0.00645454	0.000136556	0.00020152
0.001757219	0.310414332	0.001745592	0.114819507	0.001688158	0.069043566	0.001015127	0.013491292	7.58673E-05	0.000102981
0.00128025	1.418469129	0.019360663	1.678542994	0.031664741	0.327262134	0.00617361	0.006955569	9.49364E-05	0.000114347
3.48211E-06	2.501179356	0.058998901	2.306891739	0.029362418	5.184289738	0.065986314	0.023591802	0.000556494	6.04477E-07
0.000417832	1.458360496	0.002075538	1.126191535	0.002551779	0.433069931	0.000981271	0.008029436	1.14275E-05	0.000160875
2.64526E-06	0.707022277	0.00081738	0.01810555	4.73989E-06	0	0	0.005116087	5.91465E-06	1.71272E-05
0.013829939	1.135850902	0.005630032	0.269895921	0.002644834	0	0	0.002161364	1.07132E-05	0.002817181
9.6669E-05	2.489330024	0.002213147	1.323283535	0.002032014	2.380859756	0.003656012	0.017734061	1.57665E-05	7.51584E-05
1.92882E-05	1.010111801	0.00073256	0.233788817	1.18279E-05	0	0	0.014317662	1.03836E-05	0.000208254

Weighted PM10_STREX (g/trip)	PM10_IDLEX	Weighted PM10_IDLEX (g/trip)	PM10_PMBW	Weighted PM10_PMBW (g/mi)	PM10_PMTW	Weighted PM10_PMTW (g/mi)	PM25_RUNEX	Weighted PM25_RUNEX (g/mi)	PM25_STREX	Weighted PM25_STREX (g/trip)	PM25_IDLEX	Weighted PM25_IDLEX (g/trip)	PM25_PMBW	Weighted PM25_PMBW (g/mi)	PM25_PMTW	Weighted PM25_PMTW (g/mi)
0.000634708	0	0	0.036750011	0.021884747	0.008000002	0.004764027	0.000750697	0.000447043	0.001060076	0.000583591	0	0	0.015750005	0.009379177	0.002000001	0.001191007
7.02668E-05	0	0	0.036750011	0.001990377	0.008000002	0.000433279	0.00085319	4.62087E-05	0.001204075	6.46077E-05	0	0	0.015750005	0.000853019	0.002000001	0.00010832
0.000208436	0	0	0.036750011	0.006262038	0.008000002	0.001363165	0.000841506	0.000143389	0.001123995	0.000191649	0	0	0.015750005	0.002683731	0.002000001	0.000340791
0.000132607	0	0	0.036750011	0.003923937	0.008000002	0.00085419	0.000844964	9.022E-05	0.001124098	0.000121927	0	0	0.015750005	0.001681687	0.002000001	0.000213548
1.14147E-05	0.00093243	5.28155E-05	0.076440022	0.001617207	0.009925355	0.000209986	0.006131741	0.000129726	0.00018529	1.04954E-05	0.000892093	5.05307E-05	0.032760009	0.000693089	0.002481339	5.24966E-05
1.51409E-06	0.001502077	2.20846E-05	0.089180026	0.000501497	0.010856921	6.10531E-05	0.012884712	7.24562E-05	9.46868E-05	1.39215E-06	0.001437098	2.11292E-05	0.038220011	0.000214927	0.00271423	1.52633E-05
2.15709E-06	0.000129833	2.44923E-06	0.130340037	0.001779009	0.012000003	0.000163788	0.006647319	9.07291E-05	0.000105138	1.98336E-06	0.000124217	2.34328E-06	0.055860016	0.000762433	0.003000001	4.0947E-05
7.69386E-09	0.002062093	2.62466E-05	0.061144316	0.001442299	0.035640867	0.000840712	0.022571199	0.000532419	5.55794E-07	7.07422E-09	0.001972888	2.51112E-05	0.026204707	0.000618128	0.008910217	0.000210178
3.64518E-07	0.000142901	3.23792E-07	0.130340037	0.0001855	0.012000003	1.70784E-05	0.007667084	1.09118E-05	0.000147919	3.35161E-07	0.000136719	3.09785E-07	0.055860016	7.94999E-05	0.003000001	4.2696E-06
4.48377E-09	0	0	0.069382874	8.02127E-05	0.033326143	3.8528E-05	0.004893179	5.65695E-06	1.57478E-05	4.12266E-09	0	0	0.029735517	3.43769E-05	0.008331536	9.63199E-06
2.76069E-05	0	0	0.011760003	5.82904E-05	0.004000001	1.98267E-05	0.002015333	9.98933E-06	0.00263148	2.57871E-05	0	0	0.005040001	2.49816E-05	0.001	4.95667E-06
1.15412E-07	0.001564506	2.40243E-06	0.74480021	0.000662167	0.010604454	9.42793E-06	0.016949374	1.50689E-05	6.91053E-05	1.06117E-07	0.001496826	2.2985E-06	0.31920009	0.000283786	0.002651114	2.35698E-06
1.0536E-08	0	0	0.130340037	9.45261E-05	0.013200346	9.57325E-06	0.013661985	9.90804E-06	0.000191482	9.68749E-09	0	0	0.055860016	4.05112E-05	0.003300086	2.39331E-06

CO2e_IDLEX (derived)	Weighted CO2e_IDLEX (g/trip)	CO2e_RUNEX (derived)	Weighted CO2e_RUNEX (g/mi)	CO2e_STREX (derived)	Weighted CO2e_STREX (g/trip)
0	0	193.8627824	115.4458988	46.69985626	25.70910901
0	0	234.0861305	12.67808162	56.41412268	3.027044883
0	0	239.7829668	40.85794839	58.4000467	9.957602209
0	0	289.4067303	30.90104867	67.6494844	7.337690274
8.390625528	0.475269177	691.8577453	14.63732373	15.42997163	0.873997998
13.29675256	0.195498287	681.6472885	3.833193796	9.352863334	0.13751243
65.94506845	1.244015494	1006.762166	13.74128135	11.17178683	0.210749283
943.7736731	12.01247413	1234.05197	29.10935208	0.054901711	0.000698796
100.237599	0.227123168	1221.630047	1.738623321	18.03849517	0.040872489
0	0	1799.599612	2.080495925	1.842763778	0.000482421
0	0	237.1563914	1.175504605	69.59383724	0.681982004
347.0309449	0.532895383	973.7886247	0.86575	7.730254744	0.01187046
0	0	1333.045527	0.966760778	23.52815224	0.001190338

Cooling Tower

Assumptions:	Total Dissolved Solids (TDS) (ppm)[1]	Drift Loss[2]	Operating Time (Hours/year)[2]	Density of Water (lb/gal)	Max Scenario Capacity (gal/min)[2]	Fraction of PM10 of PM[3]	Fraction of PM2.5 of PM[3]	Cycles of Concentration[2]
	166.7	0.005%	2100	8.34	30272	0.7	0.42	6

Sources:

1. Amelia Luna, Sherwood Engineers. (05/06/2020) TDS of circulating water is not to exceed 1000 ppm after filtration.
2. Provided by Applicant. Range of 0.001% to 0.005% with standard drift eliminators. Operating time at full load is 2100 hours/year.
3. CEIDARS

PM10 Emissions = (capacity) x (Concentration ratio) x (cooling water TDS) x (drift loss) x (density of water) x (operating hours)
Source: BAAQMD Permit Handbook_11.4-Cooling Towers

Operational Cooling Tower Emissions

	PM10	PM2.5
lb/day	4.358	2.615
lb/year	1590.551	954.331
ton/year	0.795	0.477

Cumulative Operational Cooling Tower Emissions by Phase in ton/year

	PM10	PM2.5
Phase 1	0.711	0.427
Phase 2a	0.711	0.427
Phase 2b	0.736	0.442
Phase 3	0.795	0.477

Generators

47 total generators (source: Project Description)

Phase 1 Floor Area	7,767,400
Phase 2a Floor Area	2,520,600
Phase 2b Floor Area	1,452,600
Phase 3 Floor Area	2,107,400
Generator density*	0.000002

*assume 5W per SF

	Percentage of floor area	# generators (by percentage of floor area and total generators assumed in Project Description)	# generators (calculated by generator density)	max # generators allowed per day for testing	Fuel type
Phase 1	56.1%	26	16		Diesel
Phase 2a	18.2%	9	6		Diesel
Phase 2b	10.5%	5	3	2	Diesel
Phase 3	15.2%	7	5		Diesel

GENERATOR OPERATIONAL EMISSIONS (tons/year)

Year	ROG	Nox	CO	SO2	PM10 Total	PM2.5 Total	CO2e
2028 (Phase 1 operational)	0.14	0.46	2.41	0.00	0.02	0.02	490.92
2029	0.14	0.46	2.41	0.00	0.02	0.02	490.92
2030 (Phase 2a operational)	0.19	0.62	3.25	0.00	0.02	0.02	660.86
2031	0.19	0.62	3.25	0.00	0.02	0.02	660.86
2032 (Phase 2b and Phase 3 operational)	0.25	0.84	4.36	0.00	0.03	0.03	887.44

GENERATOR OPERATIONAL EMISSIONS (lbs/day)

Year	ROG	Nox	CO	SO2	PM10 Total	PM2.5 Total	CO2e
2028 (Phase 1 operational)	0.77	2.53	13.22	0.00	0.10	0.09	2,690.00
2029	0.77	2.53	13.22	0.00	0.10	0.09	2,690.00
2030 (Phase 2a operational)	1.03	3.41	17.80	0.00	0.13	0.13	3,621.15
2031	1.03	3.41	17.80	0.00	0.13	0.13	3,621.15
2032 (Phase 2b and Phase 3 operational)	1.39	4.58	23.91	0.00	0.18	0.17	4,862.69

Downtown West San Jose
Air Quality Assessment

Mitigated Emergency Generator Emissions - Tier 4

Conversion Factors

HP/kW	1.3410	
KW/HP	0.7457	
g/lb	0.0022	
PM10 Fraction of Total PM	0.960	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION
PM2.5 Fraction of Total PM	0.937	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-ELECTRIC GENERATION
CO2 g/gal	10.21	Climate Registry, Table 13.1: https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climate-Registry-Default-Emission-Factors.pdf
CH4 g/gal	0.58	Climate Registry, Table 13.7: https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climate-Registry-Default-Emission-Factors.pdf
N2O g/gal	0.26	Climate Registry, Table 13.7: https://www.theclimateregistry.org/wp-content/uploads/2014/11/2016-Climate-Registry-Default-Emission-Factors.pdf
GWP CH4	25	IPCC AR4
GWP N2O	298	IPCC AR4
CO2e g/gal	10,302	
CO2 g/gal	10,210	
CO2/CO2e	0.9911	

Step1 Emergency Generator

Ratings:	650	kW	*(Source: Project Description)*
	872	HP	*(based on conservative engineering assumptions; conversion from kW to hp)*
	-	kW	*(based on conservative engineering assumptions)*
	-	HP	*(conversion from kW to hp)*
Load Factor:	0.74		*(based on CalEEMod Generator Set Load Factor)*
Engine Emissions Tier:			*(compliance with CARB diesel regulations)*
Operating Hours per Unit:	2	hours/day	*(testing/maintenance -max daily. Number of hours permitted for testing and maintenance consistent with BAAQMD Regulation 9-8-330.3)*
	50	hours/year	
	0.14	hours/day	*(testing/maintenance -average daily)*

Mitigated Emergency Generator Emissions for 1 generator

Units	Criteria Pollutants [1, 2]						Greenhouse Gases [3]	
	VOC	NO_X	CO	SOx	PM10	PM2.5	CO_2	CO_2e
g/kW-hr	0.20	0.67	3.50	—	—	—	—	—
g/HP-hr	0.15	0.50	2.61	5.50E-05	0.0192	0.0187	526.17	530.91
lbs/hr	0.22	0.71	3.71	0.00	0.03	0.03	748.52	755.27
lbs/day (max daily)	**0.43**	**1.42**	**7.43**	**0.00016**	**0.05**	**0.05**	1,497.05	1,510.54
lbs/day (average daily)	**0.03**	**0.10**	**0.51**	**0.00001**	**0.00**	**0.00**	102.54	103.46
lbs/yr	10.78	35.54	185.65	0.00	1.37	1.33	37,426.24	37,763.41
tons/yr	0.01	0.02	0.09	0.00	0.00	0.00	18.71	18.88
metric tons/yr	—	—	—	—	—	—	**16.98**	**17.13**

Notes:

1. Emission factors for VOC, NOX, CO, PM10, and PM2.5: ARB 2011 Final Regulation Order for the ATCM for stationary engines, https://ww3.arb.ca.gov/diesel/documents/finalreg2011.pdf

2 Emission factor for SO2: U.S. Environmental Protection Agency, AP-42 Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 3.4, Table 3.4-1.
Emission Factor for SO2 is based on 15 ppm (0.0015%) S1 from the EPA Nonroad Diesel Fuel Program, and assumes complete conversion to SO2.

3 Emission factor for CO2: U.S. Environmental Protection Agency, AP-42 Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 3.4, Table 3.4-1.
Emissions of GHGs assume 99.11% of the CO2e emissions occur as CO2, based on Climate Registry emission factors as referenced above.

Source: ESA 2019.

Charbroiling

Estimated Mitigated Charbroiler Stationary Source Emissions (starting 2032)

Source[1]	Uncontrolled Emission Factors[2,3] (lb/1000 lb)				Quantity[4]	Emissions Controls[5] (percent reduction)			Controlled Emissions (pounds/day)		
	VOC	PM	PM10	PM2.5	(lb/day)	VOC	PM10	PM2.5	VOC	PM10	PM2.5
Project											
Charbroiler - 25% fat Hamburger	3.94	32.65	22.86	13.71	291.3	86%	83%	83%	0.16	1.13	0.68
Charbroiler - Chicken	1.82	10.48	7.34	4.40	291.3	86%	83%	83%	0.07	0.36	0.22
Charbroiler - Salmon	0.38	3.30	2.31	1.39	291.3	86%	83%	83%	0.02	0.11	0.07
Charbroiler - NY Steak	0.86	17.19	12.03	7.22	291.3	86%	83%	83%	0.04	0.60	0.36
Emissions (pounds/day)									**0.29**	**2.20**	**1.32**
Emissions (tons/year)									0.05	0.40	0.24

Notes:

1. Source type is based on the beef, chicken, and fish for under-fired broilers.
2. South Coast Air Quality Management District, Emission Factors for Commercial Cooking Operations, http://www.aqmd.gov/docs/default-source/rule-book/Proposed-Rules/1138/par1138pdsr_appendixi.pdf?sfvrsn=2. Accessed November 2017.
3. South Coast Air Quality Management District, Final –Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, Appendix A, http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/particulate-matter-(pm)-2.5-significance-thresholds-and-calculation-methodology/final_pm2_5methodology.pdf?sfvrsn=2. Accessed November 2017. Per Appendix A, for cooking (baking, charbroiling, deep fat frying), PM10 is 0.7 fraction of PM and PM2.5 is 0.42 fraction of PM.
4. Quantity of meats charbroiled is based on the average pounds of meat cooked per restaurant with a charbroiler, and assuming multiple restaurants on the project site (assumed 5 restaurants) Source: SJVUAPCD Rule 4692 says 233 lbs/day/restaurant, https://planning.lacity.org/eir/8150Sunset/References/4.B.%20Air%20Quality/AQ.14_SJVAPCD%20Charbroiling%20EF%20by%20Meat.pdf
5. South Coast Air Quality Management District Rule 1138 (Control of Emissions from Restaurant Operations) regulates PM10 and VOC emissions from fast-food restaurants with charbroilers. Catalytic oxidizers reduce VOC emissions by approximately 86 percent and PM emissions by approximately 83 percent.

Source: ESA 2019

Electric Vehicle Stations (starting in Phase 1 operational year)

EV Charging Electricity Consumption 6,655,125 kWh/year Source: See EV calculation worksheet

EV Charging Emissions

	CO2	CH4	N2O	CO2e
EV Charging Emissions (lb/year)	1,397,576.25	193.00	39.93	1,414,300.58
EV Charging Emissions (lb/day)	3,828.98	0.53	0.11	3,874.80
EV Charging Emissions (ton/year)	698.79	0.10	0.02	707.15

	Percentage of Spaces	EV Charging Emissions (ton/year)
Phase 1	57%	400.86
Phase 2a	13%	493.36
Phase 2b	16%	607.93
Phase 3	14%	707.15

	Resi Parking	Commercial Parking	Total
1	1148	1777	2925
2a	206	469	675
2b	282	554	836
3	724		724
Total	2360	2800	5160

C1.c **EMFAC2017 Mobile Emissions**

Downtown West San Jose Mixed Use Development
EMFAC2017 Mobile Emissions

EMFAC2017 Mobile Emissions Pivot Summary (criteria air pollutants in lb/day) (CO2e in MT/year)

Row Labels	Sum of ROG	Sum of NOX	Sum of PM10 Exh	Sum of PM2.5 Exh	Sum of PM2.5 Dust	Sum of PM10 Dust	Sum of Total CO2e
2021	1.655972846	37.16133815	0.429797907	0.230186555	0.61671112	2.711748604	2043.646257
2022	2.41628752	64.49885934	0.483795879	0.215096904	0.967425347	4.171897639	3676.35714
2023	1.946638372	57.78630978	0.374794089	0.126013255	1.411071414	6.201489614	4149.443551
2024	3.10466616	67.61299244	0.390780226	0.195957149	3.334087356	15.0570083	6008.135586
2025	4.534120645	89.94944245	0.482139147	0.281203568	5.403927431	24.49612216	8517.383722
2026	4.063527713	87.2423311	0.484720506	0.258735473	4.79288236	21.66716308	7822.471914
2027	2.184837583	43.81769762	0.236695453	0.140234945	2.956238112	13.45031432	4270.13238
2028	1.437830856	28.26316142	0.134166837	0.083091836	1.776770143	8.040288093	2559.072391
2029	2.226762347	59.47103367	0.367739981	0.159697021	2.546901316	11.40622203	4653.826255
2030	2.652937722	70.51048328	0.404484447	0.177421587	2.7230113	12.10026271	5100.445994
2031	1.4171968	35.6030716	0.218709006	0.104711881	2.088622326	9.476671162	3110.804025
2032	0.005233618	0.042462336	0.001138251	0.00104749	0.049528481	0.233724751	39.95768063
(blank)							
Grand Total	**27.64601218**	**641.9591832**	**4.008961728**	**1.973397662**	**28.66717671**	**129.0129125**	**51951.67689**

		Regional Emissions										
		(lb/day)										(MT/yr)
Year	Vehicle Type	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	Total CO2e
2021	Hauling	1.55	36.59	12.59	0.11	1.54	0.42	1.96	0.37	0.22	0.59	1773.70
2021	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021	Worker	0.10	0.57	5.64	0.02	1.17	0.01	1.18	0.25	0.01	0.26	269.95
2022	Hauling	2.33	63.89	23.51	0.21	3.04	0.47	3.52	0.73	0.21	0.93	3419.09
2022	Vendor	0.01	0.13	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	5.78
2022	Worker	0.08	0.48	4.92	0.02	1.12	0.01	1.13	0.24	0.01	0.25	251.49
2023	Hauling	1.53	51.43	22.75	0.20	3.03	0.33	3.37	0.73	0.10	0.82	3244.06
2023	Vendor	0.23	5.26	3.54	0.02	0.27	0.02	0.28	0.07	0.01	0.08	275.90
2023	Worker	0.19	1.10	11.63	0.04	2.90	0.02	2.93	0.62	0.02	0.64	629.48
2024	Hauling	0.76	25.59	11.34	0.10	1.51	0.17	1.68	0.36	0.05	0.41	1591.31
2024	Vendor	1.70	38.11	25.68	0.12	1.93	0.13	2.06	0.51	0.06	0.57	1979.26
2024	Worker	0.65	3.92	43.05	0.17	11.61	0.09	11.70	2.46	0.08	2.54	2437.56
2025	Hauling	0.35	12.28	5.32	0.05	0.75	0.08	0.83	0.18	0.02	0.20	762.55
2025	Vendor	3.20	71.57	48.43	0.23	3.64	0.25	3.89	0.96	0.12	1.08	3675.36
2025	Worker	0.98	6.10	69.43	0.28	20.11	0.15	20.26	4.26	0.14	4.40	4079.47
2026	Hauling	0.61	22.13	9.31	0.09	1.39	0.15	1.54	0.33	0.05	0.38	1376.70
2026	Vendor	2.71	60.36	41.09	0.19	3.09	0.21	3.30	0.82	0.10	0.92	3064.67
2026	Worker	0.74	4.75	55.79	0.24	17.19	0.12	17.31	3.64	0.11	3.76	3381.10
2027	Hauling	0.16	5.56	2.39	0.02	0.35	0.04	0.39	0.08	0.01	0.10	340.17
2027	Vendor	1.60	35.41	24.27	0.11	1.82	0.12	1.95	0.48	0.06	0.54	1774.66
2027	Worker	0.43	2.85	34.63	0.15	11.28	0.08	11.35	2.39	0.07	2.46	2155.30
2028	Hauling	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.68
2028	Vendor	1.21	26.65	18.39	0.08	1.38	0.09	1.47	0.37	0.04	0.41	1317.01
2028	Worker	0.23	1.56	19.48	0.09	6.66	0.04	6.70	1.41	0.04	1.45	1239.39
2029	Hauling	0.86	32.93	13.27	0.12	2.24	0.24	2.47	0.54	0.08	0.61	2017.83
2029	Vendor	1.07	24.69	16.32	0.07	1.23	0.08	1.31	0.33	0.04	0.37	1147.98
2029	Worker	0.29	1.85	22.88	0.10	7.94	0.05	7.99	1.69	0.04	1.73	1488.02
2030	Hauling	0.88	33.80	13.56	0.13	2.33	0.24	2.57	0.56	0.08	0.64	2042.59
2030	Vendor	1.13	34.06	17.19	0.08	1.30	0.08	1.39	0.34	0.04	0.39	1188.64
2030	Worker	0.65	2.64	28.04	0.13	8.47	0.08	8.55	1.82	0.06	1.88	1869.22
2031	Hauling	0.44	16.85	6.80	0.06	1.16	0.12	1.28	0.28	0.04	0.32	999.68
2031	Vendor	0.80	17.33	12.13	0.05	0.92	0.06	0.98	0.24	0.03	0.27	823.14
2031	Worker	0.18	1.42	19.24	0.09	7.40	0.04	7.44	1.57	0.04	1.60	1287.98
2032	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	Worker	0.01	0.04	0.59	0.00	0.23	0.00	0.23	0.05	0.00	0.05	39.96

Downtown West San Jose Mixed Use Development
Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Excavation - Class I Haz	2021															
Total Haul Trips	2957															
Hauling	19	157	8	170	15	1.10	30.96	6.29	0.10	1.64	0.43	2.07	0.39	0.22	0.61	845.08
Vendor	0	157	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0	0.06	0.35	3.43	0.01	0.71	0.01	0.72	0.15	0.01	0.16	82.57
Excavation - Class I Haz	2022															
Total Haul Trips	5914															
Hauling	19	313	8	170	15	0.72	26.63	5.29	0.10	1.64	0.25	1.89	0.39	0.11	0.50	1641.59
Vendor	0	313	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0	0.05	0.30	3.11	0.01	0.71	0.01	0.72	0.15	0.01	0.16	159.63
Excavation - Class I Haz	2023															
Total Haul Trips	5914															
Hauling	19	313	8	170	15	0.29	20.60	4.47	0.10	1.64	0.18	1.81	0.39	0.05	0.44	1561.65
Vendor	0	313	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0	0.05	0.27	2.85	0.01	0.71	0.01	0.72	0.15	0.01	0.16	154.63
Excavation - Class I Haz	2024															
Total Haul Trips	2957															
Hauling	19	157	8	170	15	0.29	20.63	4.51	0.09	1.64	0.18	1.82	0.39	0.05	0.44	770.96
Vendor	0	157	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0	0.04	0.24	2.63	0.01	0.71	0.01	0.72	0.15	0.01	0.16	75.06
Excavation - Class I Haz	2025															
Total Haul Trips	1438															
Hauling	10	157	8	170	15	0.15	10.79	2.39	0.05	0.86	0.09	0.96	0.21	0.03	0.23	397.99
Vendor	0	157	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0	0.03	0.22	2.45	0.01	0.71	0.01	0.72	0.15	0.00	0.16	72.56
Excavation - Class I Haz	2026															
Total Haul Trips	2876															
Hauling	10	314	8	170	15	0.15	10.70	2.40	0.05	0.86	0.09	0.96	0.21	0.03	0.23	779.77
Vendor	0	314	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0	0.03	0.20	2.31	0.01	0.71	0.01	0.72	0.15	0.00	0.16	140.70
Excavation - Class I Haz	2027															
Total Haul Trips	719															
Hauling	10	78	8	170	15	0.15	10.59	2.41	0.05	0.86	0.09	0.96	0.21	0.03	0.23	189.31
Vendor	0	78	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	78	8	14.7	0	0.03	0.18	2.18	0.01	0.71	0.00	0.72	0.15	0.00	0.16	33.96
Excavation - Class I Haz	2029															
Total Haul Trips	5609															
Hauling	18	314	8	170	15	0.27	18.51	4.31	0.08	1.55	0.16	1.72	0.37	0.05	0.42	1299.60
Vendor	0	314	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0	0.02	0.15	1.99	0.01	0.71	0.00	0.71	0.15	0.00	0.15	129.92
Excavation - Class I Haz	2030															
Total Haul Trips	5714															
Hauling	19	313	8	170	15	0.28	19.39	4.55	0.08	1.64	0.17	1.81	0.39	0.05	0.45	1334.41
Vendor	0	313	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0	0.02	0.14	1.92	0.01	0.71	0.00	0.71	0.15	0.00	0.15	126.66
Excavation - Class I Haz	2031															
Total Haul Trips	2857															
Hauling	19	156	8	170	15	0.28	19.32	4.55	0.08	1.64	0.17	1.81	0.39	0.05	0.45	650.90
Vendor	0	156	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	156	8	14.7	0	0.02	0.14	1.85	0.01	0.71	0.00	0.71	0.15	0.00	0.15	61.86
Excavation - Class II Non-Haz	2021															
Total Haul Trips	28251															
Hauling	180	157	8	15	15	1.90	39.99	17.94	0.11	1.37	0.38	1.75	0.33	0.21	0.53	889.22
Vendor	0	157	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2022															
Total Haul Trips	56502															
Hauling	181	313	8	15	15	1.58	36.52	17.89	0.11	1.38	0.22	1.59	0.33	0.10	0.43	1751.62
Vendor	0	313	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2023															
Total Haul Trips	56502															
Hauling	181	313	8	15	15	1.22	30.44	18.08	0.10	1.38	0.15	1.53	0.33	0.05	0.38	1670.03
Vendor	0	313	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2024															
Total Haul Trips	28251															
Hauling	180	157	8	15	15	1.21	30.22	18.02	0.10	1.37	0.15	1.52	0.33	0.05	0.38	820.35
Vendor	0	157	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2025															
Total Haul Trips	10567															
Hauling	68	157	8	15	15	0.46	11.36	6.83	0.04	0.52	0.06	0.58	0.12	0.02	0.14	304.28
Vendor	0	157	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2026															
Total Haul Trips	21134															
Hauling	68	314	8	15	15	0.46	11.29	6.85	0.04	0.52	0.06	0.58	0.12	0.02	0.14	596.93
Vendor	0	314	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Excavation - Class II Non-Haz	2027															
Total Haul Trips	5283															
Hauling	68	78	8	15	15	0.46	11.22	6.87	0.04	0.52	0.06	0.58	0.12	0.02	0.14	145.17
Vendor	0	78	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	78	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2029															
Total Haul Trips	27459															
Hauling	88	314	8	15	15	0.59	14.21	8.87	0.04	0.67	0.07	0.74	0.16	0.02	0.18	718.23
Vendor	0	314	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2030															
Total Haul Trips	27899															
Hauling	393	71	8	15	15	2.61	63.06	39.53	0.19	2.99	0.32	3.31	0.72	0.11	0.83	708.19
Vendor	0	71	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	71	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2031															
Total Haul Trips	13949															
Hauling	85	165	8	15	15	0.57	13.60	8.56	0.04	0.65	0.07	0.72	0.15	0.02	0.18	348.78
Vendor	0	165	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	165	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Site Preparation	2027															
Total Haul Trips	0															
Hauling	0	65	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	90	65	8	14.7	0	0.02	0.13	1.60	0.01	0.52	0.00	0.52	0.11	0.00	0.11	20.71
A1- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	171	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	171	8	6.9	15	0.68	15.09	10.35	0.05	0.78	0.05	0.83	0.21	0.02	0.23	414.62
Worker	518	171	8	14.7	0	0.11	0.76	9.19	0.04	2.99	0.02	3.01	0.63	0.02	0.65	313.53
A1- Building Construction	2028															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	313	8	6.9	15	0.68	15.03	10.37	0.05	0.78	0.05	0.83	0.21	0.02	0.23	744.93
Worker	518	313	8	14.7	0	0.10	0.70	8.76	0.04	2.99	0.02	3.01	0.63	0.02	0.65	558.85
A1- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	169	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	169	8	6.9	15	0.68	14.85	10.30	0.05	0.78	0.05	0.83	0.21	0.02	0.23	392.65
Worker	518	169	8	14.7	0	0.09	0.65	8.38	0.04	2.99	0.02	3.01	0.63	0.02	0.65	294.48
A1- Paving	2029															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	49	8	14.7	0	0.01	0.05	0.62	0.00	0.22	0.00	0.22	0.05	0.00	0.05	6.26
A2- Architectural Coating	2029															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	104	49	8	14.7	0	0.02	0.13	1.68	0.01	0.60	0.00	0.60	0.13	0.00	0.13	17.14
B1- Site Preparation	2026															
Total Haul Trips	0															
Hauling	0	63	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	88	63	8	14.7	0	0.02	0.14	1.65	0.01	0.51	0.00	0.51	0.11	0.00	0.11	20.20
B1 - Building Construction	2026															
Total Haul Trips	0															
Hauling	0	66	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	66	8	6.9	15	0.44	9.77	6.65	0.03	0.50	0.03	0.53	0.13	0.02	0.15	104.92
Worker	334	66	8	14.7	0	0.08	0.53	6.26	0.03	1.93	0.01	1.94	0.41	0.01	0.42	80.31
B1 - Building Construction	2027															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	313	8	6.9	15	0.44	9.71	6.66	0.03	0.50	0.03	0.53	0.13	0.02	0.15	488.41
Worker	334	313	8	14.7	0	0.07	0.49	5.93	0.03	1.93	0.01	1.94	0.41	0.01	0.42	370.03
B1 - Building Construction	2028															
Total Haul Trips	0															
Hauling	0	252	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	252	8	6.9	15	0.44	9.67	6.67	0.03	0.50	0.03	0.53	0.13	0.02	0.15	385.98
Worker	334	252	8	14.7	0	0.07	0.45	5.65	0.02	1.93	0.01	1.94	0.41	0.01	0.42	290.11
B1 - Paving	2029															
Total Haul Trips	0															
Hauling	0	12	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	12	8	14.7	0	0.01	0.04	0.49	0.00	0.17	0.00	0.17	0.04	0.00	0.04	1.21
B1 - Paving	2028															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	35	8	14.7	0	0.01	0.04	0.51	0.00	0.17	0.00	0.17	0.04	0.00	0.04	3.62
B1- Architectural Coating	2029															
Total Haul Trips	0															
Hauling	0	47	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	67	47	8	14.7	0	0.01	0.08	1.08	0.00	0.39	0.00	0.39	0.08	0.00	0.08	10.59
C1- Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	65	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	115	65	8	14.7	0	0.02	0.14	1.86	0.01	0.66	0.00	0.67	0.14	0.00	0.14	25.14

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
C1- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	39	8	6.9	15	0.00	9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	859	39	8	14.7	0	0.43	1.08	6.53	0.03	0.49	0.03	0.53	0.13	0.02	0.15	57.42
C1- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	313	8	6.9	15	0.00	9.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	859	313	8	14.7	0	0.43	1.01	6.51	0.03	0.49	0.03	0.52	0.13	0.02	0.15	451.70
C1- Building Construction	2031															
Total Haul Trips	0															
Hauling	0	299	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	299	8	6.9	15	0.43	9.32	6.52	0.03	0.49	0.03	0.52	0.13	0.02	0.15	424.18
Worker	859	299	8	14.7	0	0.12	0.95	12.91	0.06	4.96	0.03	4.99	1.05	0.02	1.08	828.08
C1- Paving	2031															
Total Haul Trips	0															
Hauling	0	29	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	29	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	29	8	14.7	0	0.00	0.03	0.38	0.00	0.14	0.00	0.15	0.03	0.00	0.03	2.34
C1- Paving	2032															
Total Haul Trips	0															
Hauling	0	20	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	20	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	20	8	14.7	0	0.00	0.03	0.36	0.00	0.14	0.00	0.15	0.03	0.00	0.03	1.58
C1- Architectural Coating	2032															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	172	49	8	14.7	0	0.02	0.18	2.51	0.01	0.99	0.00	1.00	0.21	0.00	0.22	26.68
C2- Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	65	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	100	65	8	14.7	0	0.02	0.13	1.62	0.01	0.58	0.00	0.58	0.12	0.00	0.13	21.86
C2- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	170	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	170	8	6.9	15	0.37	8.16	5.66	0.03	0.43	0.03	0.46	0.11	0.01	0.13	217.04
Worker	286	170	8	14.7	0	0.05	0.36	4.63	0.02	1.65	0.01	1.66	0.35	0.01	0.36	163.55
C2- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	313	8	6.9	15	0.37	8.11	5.65	0.02	0.43	0.03	0.46	0.11	0.01	0.13	391.71
Worker	286	313	8	14.7	0	0.05	0.34	4.45	0.02	1.65	0.01	1.66	0.35	0.01	0.36	294.51
C2- Building Construction	2031															
Total Haul Trips	0															
Hauling	0	169	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	169	8	6.9	15	0.37	8.08	5.66	0.02	0.43	0.03	0.45	0.11	0.01	0.13	207.91
Worker	286	169	8	14.7	0	0.04	0.32	4.30	0.02	1.65	0.01	1.66	0.35	0.01	0.36	155.83
C2- Paving	2031															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	49	8	14.7	0	0.00	0.03	0.45	0.00	0.17	0.00	0.17	0.04	0.00	0.04	4.74
C2- Architectural Coating	2032															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	57	49	8	14.7	0	0.01	0.06	0.83	0.00	0.33	0.00	0.33	0.07	0.00	0.07	8.84
C3- Site Preparation	2030															
Total Haul Trips	0															
Hauling	0	53	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	35	53	8	14.7	0	0.01	0.04	0.54	0.00	0.20	0.00	0.20	0.04	0.00	0.04	6.10
C3- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	237	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	237	8	6.9	15	0.10	2.12	1.48	0.01	0.11	0.01	0.12	0.03	0.00	0.03	77.49
Worker	150	237	8	14.7	0	0.02	0.18	2.34	0.01	0.87	0.00	0.87	0.18	0.00	0.19	116.96
C3- Building Construction	2031															
Total Haul Trips	0															
Hauling	0	289	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	289	8	6.9	15	0.10	2.11	1.48	0.01	0.11	0.01	0.12	0.03	0.00	0.03	92.89
Worker	150	289	8	14.7	0	0.02	0.17	2.25	0.01	0.87	0.00	0.87	0.18	0.00	0.19	139.76
C3- Paving	2031															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	39	8	14.7	0	0.00	0.01	0.20	0.00	0.08	0.00	0.08	0.02	0.00	0.02	1.63
C3- Architectural Coating	2031															
Total Haul Trips	0															
Hauling	0	9	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	9	8	14.7	0	0.00	0.03	0.45	0.00	0.17	0.00	0.17	0.04	0.00	0.04	0.87
C3- Architectural Coating	2032															
Total Haul Trips	0															
Hauling	0	30	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	8	14.7	0	0.00	0.03	0.44	0.00	0.17	0.00	0.17	0.04	0.00	0.04	2.85

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
D1-Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	53	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	33	53	8	14.7	0	0.01	0.04	0.53	0.00	0.19	0.00	0.19	0.04	0.00	0.04	5.88
D1- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	260	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	260	8	6.9	15	0.19	4.12	2.86	0.01	0.22	0.01	0.23	0.06	0.01	0.06	167.47
Worker	366	260	8	14.7	0	0.06	0.46	5.92	0.03	2.11	0.01	2.13	0.45	0.01	0.46	320.10
D1- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	267	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	267	8	6.9	15	0.19	4.09	2.85	0.01	0.22	0.01	0.23	0.06	0.01	0.06	168.58
Worker	366	267	8	14.7	0	0.06	0.43	5.70	0.03	2.11	0.01	2.13	0.45	0.01	0.46	321.50
D1- Paving	2030															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0	0.00	0.02	0.23	0.00	0.09	0.00	0.09	0.02	0.00	0.02	1.92
D1- Architectural Coating	2030															
Total Haul Trips	0															
Hauling	0	8	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	8	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	8	8	14.7	0	0.01	0.09	1.14	0.01	0.42	0.00	0.42	0.09	0.00	0.09	1.92
D1- Architectural Coating	2031															
Total Haul Trips	0															
Hauling	0	31	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	31	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	31	8	14.7	0	0.01	0.08	1.10	0.01	0.42	0.00	0.42	0.09	0.00	0.09	7.30
D4- Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	57	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	57	8	14.7	0	0.01	0.09	1.10	0.00	0.39	0.00	0.40	0.08	0.00	0.09	13.04
D4- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	183	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	183	8	6.9	15	0.41	9.04	6.27	0.03	0.47	0.03	0.50	0.13	0.02	0.14	258.89
Worker	315	183	8	14.7	0	0.06	0.40	5.10	0.02	1.82	0.01	1.83	0.39	0.01	0.40	193.91
D4- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	313	8	6.9	15	0.41	8.99	6.26	0.03	0.47	0.03	0.50	0.13	0.02	0.14	434.06
Worker	315	313	8	14.7	0	0.05	0.37	4.90	0.02	1.82	0.01	1.83	0.39	0.01	0.39	324.37
D4- Building Construction	2031															
Total Haul Trips	0															
Hauling	0	72	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	72	8	6.9	15	0.41	8.96	6.27	0.03	0.47	0.03	0.50	0.13	0.02	0.14	98.15
Worker	315	72	8	14.7	0	0.04	0.35	4.73	0.02	1.82	0.01	1.83	0.39	0.01	0.39	73.12
D4- Paving	2031															
Total Haul Trips	0															
Hauling	0	43	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	43	8	14.7	0	0.00	0.02	0.30	0.00	0.12	0.00	0.12	0.02	0.00	0.03	2.77
D4- Architectural Coating	2031															
Total Haul Trips	0															
Hauling	0	43	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	63	43	8	14.7	0	0.01	0.07	0.95	0.00	0.36	0.00	0.37	0.08	0.00	0.08	8.73
D5-D6- Site Preparation	2023															
Total Haul Trips	0															
Hauling	0	57	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	57	8	14.7	0	0.01	0.07	0.69	0.00	0.17	0.00	0.17	0.04	0.00	0.04	6.87
D5-D6- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	22	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	22	8	6.9	15	0.03	0.69	0.46	0.00	0.03	0.00	0.04	0.01	0.00	0.01	2.54
Worker	24	22	8	14.7	0	0.01	0.05	0.56	0.00	0.14	0.00	0.14	0.03	0.00	0.03	2.12
D5-D6- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	15	0.03	0.68	0.46	0.00	0.03	0.00	0.04	0.01	0.00	0.01	35.62
Worker	24	313	8	14.7	0	0.01	0.05	0.51	0.00	0.14	0.00	0.14	0.03	0.00	0.03	29.20
D5-D6- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	234	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	234	8	6.9	15	0.03	0.68	0.46	0.00	0.03	0.00	0.04	0.01	0.00	0.01	26.19
Worker	24	234	8	14.7	0	0.01	0.04	0.48	0.00	0.14	0.00	0.14	0.03	0.00	0.03	21.10
D5-D6- Paving	2025															
Total Haul Trips	0															
Hauling	0	43	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	43	8	14.7	0	0.00	0.03	0.30	0.00	0.09	0.00	0.09	0.02	0.00	0.02	2.42
D5-D6- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	37	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	37	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	37	8	14.7	0	0.00	0.01	0.10	0.00	0.03	0.00	0.03	0.01	0.00	0.01	0.70

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
D5-D6- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	6	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	6	8	14.7	0	0.00	0.01	0.09	0.00	0.03	0.00	0.03	0.01	0.00	0.01	0.11
D7- Site Preparation	2025															
Total Haul Trips	0															
Hauling	0	59	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	59	8	14.7	0	0.01	0.08	0.96	0.00	0.28	0.00	0.28	0.06	0.00	0.06	10.64
D7- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	99	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	99	8	6.9	15	0.32	7.25	4.91	0.02	0.37	0.03	0.39	0.10	0.01	0.11	118.21
Worker	245	99	8	14.7	0	0.07	0.43	4.89	0.02	1.42	0.01	1.43	0.30	0.01	0.31	91.14
D7- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	313	8	6.9	15	0.32	7.21	4.91	0.02	0.37	0.03	0.39	0.10	0.01	0.11	367.44
Worker	245	313	8	14.7	0	0.06	0.39	4.59	0.02	1.42	0.01	1.43	0.30	0.01	0.31	279.37
D7- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	178	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	178	8	6.9	15	0.32	7.17	4.92	0.02	0.37	0.02	0.39	0.10	0.01	0.11	205.11
Worker	245	178	8	14.7	0	0.05	0.36	4.35	0.02	1.42	0.01	1.43	0.30	0.01	0.31	154.36
D7- Paving	2027															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0	0.00	0.02	0.27	0.00	0.09	0.00	0.09	0.02	0.00	0.02	2.34
D7- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	49	44	8	14.7	0	0.01	0.07	0.87	0.00	0.28	0.00	0.29	0.06	0.00	0.06	7.63
D8-D13- Site Preparation	2023															
Total Haul Trips	0															
Hauling	0	111	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	111	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	43	111	8	14.7	0	0.02	0.09	1.00	0.00	0.25	0.00	0.25	0.05	0.00	0.05	19.17
D8-D13- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	72	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	72	8	6.9	15	0.03	0.69	0.46	0.00	0.03	0.00	0.04	0.01	0.00	0.01	8.31
Worker	24	72	8	14.7	0	0.01	0.05	0.56	0.00	0.14	0.00	0.14	0.03	0.00	0.03	6.94
D8-D13- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	15	0.03	0.68	0.46	0.00	0.03	0.00	0.04	0.01	0.00	0.01	35.62
Worker	24	313	8	14.7	0	0.01	0.05	0.51	0.00	0.14	0.00	0.14	0.03	0.00	0.03	29.20
D8-D13- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	15	0.03	0.68	0.46	0.00	0.03	0.00	0.04	0.01	0.00	0.01	35.04
Worker	24	313	8	14.7	0	0.01	0.04	0.48	0.00	0.14	0.00	0.14	0.03	0.00	0.03	28.23
D8-D13- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	15	0.03	0.68	0.46	0.00	0.03	0.00	0.04	0.01	0.00	0.01	34.45
Worker	24	313	8	14.7	0	0.01	0.04	0.45	0.00	0.14	0.00	0.14	0.03	0.00	0.03	27.37
D8-D13- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	101	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	101	8	6.9	15	0.03	0.67	0.46	0.00	0.03	0.00	0.04	0.01	0.00	0.01	10.91
Worker	24	101	8	14.7	0	0.01	0.04	0.43	0.00	0.14	0.00	0.14	0.03	0.00	0.03	8.58
D8-D13- Paving	2027															
Total Haul Trips	0															
Hauling	0	83	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	83	8	14.7	0	0.00	0.02	0.27	0.00	0.09	0.00	0.09	0.02	0.00	0.02	4.41
D8-D13- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	83	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	83	8	14.7	0	0.00	0.01	0.09	0.00	0.03	0.00	0.03	0.01	0.00	0.01	1.47
E1.1- Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	46	8	14.7	0	0.02	0.13	1.46	0.01	0.39	0.00	0.40	0.08	0.00	0.09	12.16
E1.1- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	267	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	267	8	6.9	15	0.33	7.44	5.02	0.02	0.38	0.03	0.40	0.10	0.01	0.11	330.86
Worker	630	267	8	14.7	0	0.20	1.23	13.49	0.05	3.64	0.03	3.67	0.77	0.03	0.80	653.82
E1.1- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	197	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	197	8	6.9	15	0.33	7.41	5.01	0.02	0.38	0.03	0.40	0.10	0.01	0.11	240.13
Worker	630	197	8	14.7	0	0.18	1.10	12.57	0.05	3.64	0.03	3.67	0.77	0.03	0.80	466.34

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
E1.1- Paving	2025															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	35	8	14.7	0	0.01	0.04	0.40	0.00	0.12	0.00	0.12	0.02	0.00	0.03	2.63
E1.1- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	126	35	8	14.7	0	0.04	0.22	2.51	0.01	0.73	0.01	0.73	0.15	0.01	0.16	16.57
E1.2- Site Preparation	2023															
Total Haul Trips	0															
Hauling	0	59	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	75	59	8	14.7	0	0.03	0.16	1.74	0.01	0.43	0.00	0.44	0.09	0.00	0.10	17.77
E1.2- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	20	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	20	8	6.9	15	0.63	14.03	9.44	0.05	0.71	0.05	0.76	0.19	0.02	0.21	47.21
Worker	470	20	8	14.7	0	0.18	1.03	10.88	0.04	2.72	0.02	2.74	0.58	0.02	0.60	37.75
E1.2- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	313	8	6.9	15	0.62	13.98	9.42	0.05	0.71	0.05	0.76	0.19	0.02	0.21	728.22
Worker	470	313	8	14.7	0	0.15	0.92	10.07	0.04	2.72	0.02	2.74	0.58	0.02	0.60	571.81
E1.2- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	257	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	257	8	6.9	15	0.62	13.90	9.41	0.05	0.71	0.05	0.76	0.19	0.02	0.21	588.17
Worker	470	257	8	14.7	0	0.13	0.82	9.38	0.04	2.72	0.02	2.74	0.58	0.02	0.59	453.86
E1.2- Paving	2025															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	44	8	14.7	0	0.01	0.07	0.76	0.00	0.22	0.00	0.22	0.05	0.00	0.05	6.28
E1.2- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	12	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	12	8	14.7	0	0.03	0.16	1.88	0.01	0.54	0.00	0.55	0.12	0.00	0.12	4.24
E1.2- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	32	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	32	8	14.7	0	0.02	0.15	1.76	0.01	0.54	0.00	0.55	0.12	0.00	0.12	10.96
F1-F2- Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	61	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	110	61	8	14.7	0	0.04	0.21	2.36	0.01	0.64	0.00	0.64	0.13	0.00	0.14	26.08
F1-F2- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	122	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	122	8	6.9	15	1.04	23.40	15.76	0.08	1.19	0.08	1.27	0.31	0.04	0.35	475.13
Worker	790	122	8	14.7	0	0.26	1.54	16.92	0.07	4.56	0.04	4.60	0.97	0.03	1.00	374.62
F1-F2- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	313	8	6.9	15	1.04	23.27	15.75	0.08	1.19	0.08	1.27	0.31	0.04	0.35	1199.08
Worker	790	313	8	14.7	0	0.22	1.39	15.76	0.06	4.56	0.03	4.60	0.97	0.03	1.00	929.11
F1-F2- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	175	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	175	8	6.9	15	1.04	23.15	15.76	0.07	1.19	0.08	1.27	0.31	0.04	0.35	659.12
Worker	790	175	8	14.7	0	0.20	1.26	14.82	0.06	4.56	0.03	4.60	0.97	0.03	1.00	503.65
F1-F2- Paving	2026															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	50	46	8	14.7	0	0.01	0.08	0.94	0.00	0.29	0.00	0.29	0.06	0.00	0.06	8.38
F1-F2- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	158	46	8	14.7	0	0.04	0.25	2.96	0.01	0.91	0.01	0.92	0.19	0.01	0.20	26.48
F3- Site Preparation	2025															
Total Haul Trips	0															
Hauling	0	53	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	53	8	14.7	0	0.01	0.05	0.60	0.00	0.17	0.00	0.17	0.04	0.00	0.04	5.97
F3- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	210	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	210	8	6.9	15	0.50	11.18	7.57	0.04	0.57	0.04	0.61	0.15	0.02	0.17	386.57
Worker	379	210	8	14.7	0	0.11	0.66	7.56	0.03	2.19	0.02	2.21	0.46	0.02	0.48	299.06
F3- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	15	0.50	11.12	7.57	0.04	0.57	0.04	0.61	0.15	0.02	0.17	566.47
Worker	379	313	8	14.7	0	0.09	0.60	7.11	0.03	2.19	0.02	2.21	0.46	0.01	0.48	432.17

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
F3- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	4	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	4	8	6.9	15	0.50	11.06	7.58	0.03	0.57	0.04	0.61	0.15	0.02	0.17	7.11
Worker	379	4	8	14.7	0	0.08	0.55	6.72	0.03	2.19	0.01	2.20	0.46	0.01	0.48	5.37
F3- Paving	2027															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0	0.00	0.02	0.27	0.00	0.09	0.00	0.09	0.02	0.00	0.02	2.07
F3- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	39	8	14.7	0	0.02	0.11	1.35	0.01	0.44	0.00	0.44	0.09	0.00	0.10	10.49
F4- Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	61	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	61	8	14.7	0	0.01	0.07	0.81	0.00	0.22	0.00	0.22	0.05	0.00	0.05	9.01
F4- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	122	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	122	8	6.9	15	0.20	4.56	3.07	0.01	0.23	0.02	0.25	0.06	0.01	0.07	92.56
Worker	311	122	8	14.7	0	0.10	0.61	6.66	0.03	1.80	0.01	1.81	0.38	0.01	0.39	147.48
F4- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	313	8	6.9	15	0.20	4.53	3.07	0.01	0.23	0.02	0.25	0.06	0.01	0.07	233.59
Worker	311	313	8	14.7	0	0.09	0.55	6.21	0.03	1.80	0.01	1.81	0.38	0.01	0.39	365.76
F4- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	175	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	175	8	6.9	15	0.20	4.51	3.07	0.01	0.23	0.02	0.25	0.06	0.01	0.07	128.40
Worker	311	175	8	14.7	0	0.08	0.50	5.83	0.02	1.80	0.01	1.81	0.38	0.01	0.39	198.27
F4- Paving	2026															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	46	8	14.7	0	0.00	0.02	0.28	0.00	0.09	0.00	0.09	0.02	0.00	0.02	2.51
F4- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	46	8	14.7	0	0.02	0.10	1.16	0.00	0.36	0.00	0.36	0.08	0.00	0.08	10.39
F5- Site Preparation	2022															
Total Haul Trips	0															
Hauling	0	71	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0	0.01	0.07	0.76	0.00	0.17	0.00	0.17	0.04	0.00	0.04	8.83
F5- Building Construction	2022															
Total Haul Trips	0															
Hauling	0	8	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	8	8	6.9	15	0.06	1.27	0.72	0.00	0.05	0.01	0.06	0.01	0.01	0.02	1.50
Worker	37	8	8	14.7	0	0.02	0.09	0.94	0.00	0.21	0.00	0.22	0.05	0.00	0.05	1.23
F5- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	15	0.05	1.07	0.72	0.00	0.05	0.00	0.06	0.01	0.00	0.02	56.22
Worker	37	313	8	14.7	0	0.01	0.08	0.86	0.00	0.21	0.00	0.22	0.05	0.00	0.05	46.51
F5- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	15	0.05	1.06	0.72	0.00	0.05	0.00	0.06	0.01	0.00	0.02	55.41
Worker	37	313	8	14.7	0	0.01	0.07	0.79	0.00	0.21	0.00	0.22	0.05	0.00	0.05	45.01
F5- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	81	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	81	8	6.9	15	0.05	1.06	0.72	0.00	0.05	0.00	0.06	0.01	0.00	0.02	14.10
Worker	37	81	8	14.7	0	0.01	0.06	0.74	0.00	0.21	0.00	0.22	0.05	0.00	0.05	11.26
F5- Paving	2025															
Total Haul Trips	0															
Hauling	0	54	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0	0.00	0.03	0.30	0.00	0.09	0.00	0.09	0.02	0.00	0.02	3.04
F5- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	54	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	7	54	8	14.7	0	0.00	0.01	0.14	0.00	0.04	0.00	0.04	0.01	0.00	0.01	1.42
F6- Site Preparation	2022															
Total Haul Trips	0															
Hauling	0	71	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0	0.01	0.07	0.76	0.00	0.17	0.00	0.17	0.04	0.00	0.04	8.83
F6- Building Construction	2022															
Total Haul Trips	0															
Hauling	0	8	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	8	8	6.9	15	0.18	3.64	2.05	0.01	0.15	0.02	0.18	0.04	0.02	0.06	4.28
Worker	257	8	8	14.7	0	0.11	0.64	6.50	0.02	1.48	0.01	1.50	0.31	0.01	0.33	8.53

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
F6- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	15	0.14	3.05	2.05	0.01	0.15	0.01	0.16	0.04	0.00	0.05	160.63
Worker	257	313	8	14.7	0	0.10	0.56	5.95	0.02	1.48	0.01	1.50	0.31	0.01	0.33	323.09
F6- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	15	0.14	3.04	2.05	0.01	0.15	0.01	0.16	0.04	0.00	0.05	158.31
Worker	257	313	8	14.7	0	0.08	0.50	5.50	0.02	1.48	0.01	1.50	0.31	0.01	0.33	312.67
F6- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	81	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	81	8	6.9	15	0.14	3.02	2.05	0.01	0.15	0.01	0.16	0.04	0.00	0.05	40.30
Worker	257	81	8	14.7	0	0.07	0.45	5.13	0.02	1.48	0.01	1.50	0.31	0.01	0.32	78.22
F6- Paving	2025															
Total Haul Trips	0															
Hauling	0	54	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0	0.00	0.03	0.30	0.00	0.09	0.00	0.09	0.02	0.00	0.02	3.04
F6- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	54	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	51	54	8	14.7	0	0.01	0.09	1.02	0.00	0.29	0.00	0.30	0.06	0.00	0.06	10.35
G1- Site Preparation	2025															
Total Haul Trips	0															
Hauling	0	59	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0	0.01	0.07	0.76	0.00	0.22	0.00	0.22	0.05	0.00	0.05	8.42
G1- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	225	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	225	8	6.9	15	0.50	11.18	7.57	0.04	0.57	0.04	0.61	0.15	0.02	0.17	414.19
Worker	379	225	8	14.7	0	0.11	0.66	7.56	0.03	2.19	0.02	2.21	0.46	0.02	0.48	320.42
G1- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	15	0.50	11.12	7.57	0.04	0.57	0.04	0.61	0.15	0.02	0.17	566.47
Worker	379	313	8	14.7	0	0.09	0.60	7.11	0.03	2.19	0.02	2.21	0.46	0.01	0.48	432.17
G1- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	50	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	50	8	6.9	15	0.50	11.06	7.58	0.03	0.57	0.04	0.61	0.15	0.02	0.17	88.82
Worker	379	50	8	14.7	0	0.08	0.55	6.72	0.03	2.19	0.01	2.20	0.46	0.01	0.48	67.07
G1- Paving	2027															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0	0.00	0.02	0.27	0.00	0.09	0.00	0.09	0.02	0.00	0.02	2.34
G1- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	44	8	14.7	0	0.02	0.11	1.35	0.01	0.44	0.00	0.44	0.09	0.00	0.10	11.84
H1- Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	59	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0	0.01	0.07	0.81	0.00	0.22	0.00	0.22	0.05	0.00	0.05	8.71
H1- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	99	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	99	8	6.9	15	0.16	3.57	2.41	0.01	0.18	0.01	0.19	0.05	0.01	0.05	58.83
Worker	312	99	8	14.7	0	0.10	0.61	6.68	0.03	1.80	0.01	1.82	0.38	0.01	0.40	120.06
H1- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	313	8	6.9	15	0.16	3.55	2.40	0.01	0.18	0.01	0.19	0.05	0.01	0.05	182.98
Worker	312	313	8	14.7	0	0.09	0.55	6.23	0.03	1.80	0.01	1.82	0.38	0.01	0.39	366.94
H1- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	178	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	178	8	6.9	15	0.16	3.53	2.40	0.01	0.18	0.01	0.19	0.05	0.01	0.05	102.30
Worker	312	178	8	14.7	0	0.08	0.50	5.85	0.02	1.80	0.01	1.82	0.38	0.01	0.39	202.32
H1- Paving	2026															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0	0.00	0.02	0.28	0.00	0.09	0.00	0.09	0.02	0.00	0.02	2.40
H1- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	44	8	14.7	0	0.02	0.10	1.16	0.00	0.36	0.00	0.36	0.08	0.00	0.08	9.94
H2- Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	51	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	51	8	14.7	0	0.01	0.04	0.49	0.00	0.17	0.00	0.17	0.04	0.00	0.04	5.15

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
H2- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	263	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	263	8	6.9	15	0.12	2.72	1.89	0.01	0.14	0.01	0.15	0.04	0.00	0.04	111.92
Worker	241	263	8	14.7	0	0.04	0.30	3.90	0.02	1.39	0.01	1.40	0.30	0.01	0.30	213.21
H2- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	242	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	242	8	6.9	15	0.12	2.70	1.88	0.01	0.14	0.01	0.15	0.04	0.00	0.04	100.95
Worker	241	242	8	14.7	0	0.04	0.28	3.75	0.02	1.39	0.01	1.40	0.30	0.01	0.30	191.87
H2- Paving	2030															
Total Haul Trips	0															
Hauling	0	38	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	38	8	6.9	15	0.12	2.70	1.88	0.01	0.14	0.01	0.15	0.04	0.00	0.04	15.85
Worker	241	38	8	14.7	0	0.04	0.28	3.75	0.02	1.39	0.01	1.40	0.30	0.01	0.30	30.13
H2- Architectural Coating	2030															
Total Haul Trips	0															
Hauling	0	32	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	32	8	14.7	0	0.00	0.02	0.23	0.00	0.09	0.00	0.09	0.02	0.00	0.02	1.58
H2- Architectural Coating	2031															
Total Haul Trips	0															
Hauling	0	6	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	6	8	14.7	0	0.01	0.05	0.72	0.00	0.28	0.00	0.28	0.06	0.00	0.06	0.93
H3- Site Preparation	2025															
Total Haul Trips	0															
Hauling	0	63	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	80	63	8	14.7	0	0.02	0.14	1.60	0.01	0.46	0.00	0.47	0.10	0.00	0.10	18.94
H3- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	105	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	105	8	6.9	15	0.47	10.43	7.06	0.03	0.53	0.04	0.57	0.14	0.02	0.16	180.23
Worker	865	105	8	14.7	0	0.24	1.52	17.26	0.07	5.00	0.04	5.04	1.06	0.03	1.09	341.27
H3- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	313	8	6.9	15	0.47	10.37	7.06	0.03	0.53	0.04	0.57	0.14	0.02	0.16	528.20
Worker	865	313	8	14.7	0	0.22	1.38	16.22	0.07	5.00	0.04	5.03	1.06	0.03	1.09	986.34
H3- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	214	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	214	8	6.9	15	0.47	10.31	7.07	0.03	0.53	0.04	0.57	0.14	0.02	0.16	354.48
Worker	865	214	8	14.7	0	0.19	1.26	15.35	0.07	5.00	0.03	5.03	1.06	0.03	1.09	655.21
H3- Paving	2027															
Total Haul Trips	0															
Hauling	0	47	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	47	8	14.7	0	0.01	0.04	0.44	0.00	0.14	0.00	0.15	0.03	0.00	0.03	4.16
H3- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	42	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	42	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	42	8	14.7	0	0.04	0.25	3.07	0.01	1.00	0.01	1.01	0.21	0.01	0.22	25.72
H3- Architectural Coating	2028															
Total Haul Trips	0															
Hauling	0	5	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	5	8	14.7	0	0.03	0.23	2.92	0.01	1.00	0.01	1.01	0.21	0.01	0.22	2.98
H4- Site Preparation	2027															
Total Haul Trips	0															
Hauling	0	51	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	51	8	14.7	0	0.01	0.06	0.67	0.00	0.22	0.00	0.22	0.05	0.00	0.05	6.86
H4- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	263	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	263	8	6.9	15	0.22	4.86	3.33	0.02	0.25	0.02	0.27	0.07	0.01	0.07	205.20
Worker	425	263	8	14.7	0	0.09	0.62	7.54	0.03	2.46	0.02	2.47	0.52	0.02	0.54	395.63
H4- Building Construction	2028															
Total Haul Trips	0															
Hauling	0	243	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	243	8	6.9	15	0.22	4.84	3.34	0.02	0.25	0.02	0.27	0.07	0.01	0.07	186.10
Worker	425	243	8	14.7	0	0.08	0.57	7.19	0.03	2.46	0.02	2.47	0.52	0.01	0.53	355.97
H4- Paving	2028															
Total Haul Trips	0															
Hauling	0	38	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	38	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	38	8	14.7	0	0.00	0.02	0.25	0.00	0.09	0.00	0.09	0.02	0.00	0.02	1.96
H4- Architectural Coating	2028															
Total Haul Trips	0															
Hauling	0	6	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	6	8	14.7	0	0.02	0.11	1.44	0.01	0.49	0.00	0.49	0.10	0.00	0.11	1.76
H4- Architectural Coating	2029															
Total Haul Trips	0															
Hauling	0	32	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	32	8	14.7	0	0.01	0.11	1.38	0.01	0.49	0.00	0.49	0.10	0.00	0.11	9.15

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
150 SM Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	53	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	53	8	14.7	0	0.01	0.05	0.60	0.00	0.16	0.00	0.16	0.03	0.00	0.04	5.77
150 SM Building Construction	2024															
Total Haul Trips	0															
Hauling	0	26	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	26	8	6.9	15	0.01	0.23	0.15	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.99
Worker	7	26	8	14.7	0	0.00	0.01	0.15	0.00	0.04	0.00	0.04	0.01	0.00	0.01	0.71
150 SM Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	313	8	6.9	15	0.01	0.23	0.15	0.00	0.01	0.00	0.01	0.00	0.00	0.00	11.68
Worker	7	313	8	14.7	0	0.00	0.01	0.14	0.00	0.04	0.00	0.04	0.01	0.00	0.01	8.23
150 SM Building Construction	2026															
Total Haul Trips	0															
Hauling	0	188	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	188	8	6.9	15	0.01	0.23	0.15	0.00	0.01	0.00	0.01	0.00	0.00	0.00	6.90
Worker	7	188	8	14.7	0	0.00	0.01	0.13	0.00	0.04	0.00	0.04	0.01	0.00	0.01	4.79
150 SM Paving	2026															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0	0.00	0.02	0.28	0.00	0.09	0.00	0.09	0.02	0.00	0.02	2.13
150 SM Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	39	8	14.7	0	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.14
40 SM Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	46	8	14.7	0	0.01	0.05	0.60	0.00	0.16	0.00	0.16	0.03	0.00	0.04	5.01
40 SM Building Construction	2024															
Total Haul Trips	0															
Hauling	0	267	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	267	8	6.9	15	0.01	0.15	0.10	0.00	0.01	0.00	0.01	0.00	0.00	0.00	6.75
Worker	5	267	8	14.7	0	0.00	0.01	0.11	0.00	0.03	0.00	0.03	0.01	0.00	0.01	5.19
40 SM Building Construction	2025															
Total Haul Trips	0															
Hauling	0	197	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	197	8	6.9	15	0.01	0.15	0.10	0.00	0.01	0.00	0.01	0.00	0.00	0.00	4.90
Worker	5	197	8	14.7	0	0.00	0.01	0.10	0.00	0.03	0.00	0.03	0.01	0.00	0.01	3.70
40 SM Paving	2025															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	35	8	14.7	0	0.00	0.03	0.30	0.00	0.09	0.00	0.09	0.02	0.00	0.02	1.97
40 SM Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	35	8	14.7	0	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.13
LTA B1-1 Paving	2025															
Total Haul Trips	0															
Hauling	0	4	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.01	0.00	0.01	0.15
LTA B1-2 Paving	2025															
Total Haul Trips	0															
Hauling	0	4	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.01	0.00	0.01	0.15
LTA B1-3 Paving	2025															
Total Haul Trips	0															
Hauling	0	24	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	24	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	24	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.01	0.00	0.01	0.90
LTA B1-4 Paving	2025															
Total Haul Trips	0															
Hauling	0	9	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.01	0.00	0.01	0.34
LTA B1-4 Paving	2025															
Total Haul Trips	0															
Hauling	0	9	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.01	0.00	0.01	0.34
Phase 1- Demolition only	2021															
Total Haul Trips	975															
Hauling	4	313	8	15	15	0.04	0.89	0.40	0.00	0.03	0.01	0.04	0.01	0.00	0.01	39.40
Vendor	0	313	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	313	8	14.7	0	0.07	0.39	3.90	0.01	0.81	0.01	0.82	0.17	0.01	0.18	187.37
Phase 1- Demolition only	2022															
Total Haul Trips	244															
Hauling	4	78	8	15	15	0.03	0.81	0.40	0.00	0.03	0.00	0.04	0.01	0.00	0.01	9.65
Vendor	0	78	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	78	8	14.7	0	0.06	0.35	3.54	0.01	0.81	0.01	0.82	0.17	0.01	0.18	45.28

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Phase 2- Demolition only	2025															
Total Haul Trips	1910															
Hauling	9	235	8	15	15	0.06	1.50	0.90	0.00	0.07	0.01	0.08	0.02	0.00	0.02	60.28
Vendor	0	235	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	235	8	14.7	0	0.04	0.25	2.79	0.01	0.81	0.01	0.81	0.17	0.01	0.18	123.62
Phase 3- Demolition only	2027															
Total Haul Trips	166															
Hauling	2	104	8	15	15	0.01	0.33	0.20	0.00	0.02	0.00	0.02	0.00	0.00	0.00	5.69
Vendor	0	104	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	104	8	14.7	0	0.03	0.20	2.48	0.01	0.81	0.01	0.81	0.17	0.01	0.18	51.54
Phase 3- Demolition only	2028															
Total Haul Trips	80															
Hauling	2	50	8	15	15	0.01	0.33	0.20	0.00	0.02	0.00	0.02	0.00	0.00	0.00	2.68
Vendor	0	50	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	50	8	14.7	0	0.03	0.19	2.37	0.01	0.81	0.01	0.81	0.17	0.00	0.18	24.13
West San Fernando Bridge- Demolition and Ped Bridge	2022															
Total Haul Trips	500															
Hauling	5	105	8	15	15	0.04	1.01	0.49	0.00	0.04	0.01	0.04	0.01	0.00	0.01	16.23
Vendor	0	105	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	44	105	8	14.7	0	0.02	0.11	1.11	0.00	0.25	0.00	0.26	0.05	0.00	0.06	19.16
West San Fernando Bridge- Abutment/Bent Construction	2023															
Total Haul Trips	333															
Hauling	4	105	8	15	15	0.03	0.67	0.40	0.00	0.03	0.00	0.03	0.01	0.00	0.01	12.38
Vendor	0	105	8	6.9	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	105	8	14.7	0	0.01	0.04	0.46	0.00	0.12	0.00	0.12	0.02	0.00	0.03	8.43
West San Fernando Bridge- Superstructure	2023															
Total Haul Trips	0															
Hauling	0	77	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	15	0.00	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99
Worker	20	77	8	14.7	0	0.01	0.04	0.46	0.00	0.12	0.00	0.12	0.02	0.00	0.03	6.19
West San Fernando Bridge- Superstructure	2024															
Total Haul Trips	0															
Hauling	0	77	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	15	0.00	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97
Worker	20	77	8	14.7	0	0.01	0.04	0.43	0.00	0.12	0.00	0.12	0.02	0.00	0.03	5.99

Downtown West San Jose Mixed Use Development
Running Emissions

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.0013625	0.00128538	262.950171	0.0024931	0.00484737
2025	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Excavation - Class I Haz	2021													
Total Haul Trips	2957													
Hauling	19	157	8	170	0.99	29.32	4.82	0.10	0.43	0.22	787.05	0.70	36.17	823.92
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.06	0.28	3.43	0.01	0.01	0.01	82.03	0.03	0.52	82.57
Excavation - Class I Haz	2022													
Total Haul Trips	5914													
Hauling	19	313	8	170	0.61	25.00	3.74	0.10	0.25	0.11	1527.26	1.33	70.20	1598.79
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.05	0.24	3.11	0.01	0.01	0.01	158.65	0.05	0.94	159.63
Excavation - Class I Haz	2023													
Total Haul Trips	5914													
Hauling	19	313	8	170	0.18	19.09	2.82	0.09	0.18	0.05	1452.47	1.25	66.79	1520.51
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.05	0.21	2.85	0.01	0.01	0.01	153.73	0.04	0.86	154.63
Excavation - Class I Haz	2024													
Total Haul Trips	2957													
Hauling	19	157	8	170	0.18	19.13	2.86	0.09	0.18	0.05	717.00	0.62	32.97	750.60
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.04	0.19	2.63	0.01	0.01	0.01	74.64	0.02	0.40	75.06
Excavation - Class I Haz	2025													
Total Haul Trips	1438													
Hauling	10	157	8	170	0.10	10.01	1.52	0.05	0.09	0.03	370.08	0.32	17.02	387.42
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.03	0.17	2.45	0.01	0.01	0.00	72.17	0.02	0.37	72.56
Excavation - Class I Haz	2026													
Total Haul Trips	2876													
Hauling	10	314	8	170	0.09	9.92	1.53	0.05	0.09	0.03	724.97	0.64	33.35	758.95
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0.03	0.15	2.31	0.01	0.01	0.00	139.98	0.03	0.70	140.70
Excavation - Class I Haz	2027													
Total Haul Trips	719													
Hauling	10	78	8	170	0.09	9.80	1.53	0.05	0.09	0.03	175.96	0.16	8.09	184.21
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	78	8	14.7	0.03	0.14	2.18	0.01	0.00	0.00	33.79	0.01	0.16	33.96
Excavation - Class I Haz	2029													
Total Haul Trips	5609													
Hauling	18	314	8	170	0.16	17.11	2.74	0.08	0.16	0.05	1207.58	1.11	55.55	1264.24
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0.02	0.11	1.99	0.01	0.00	0.00	129.29	0.02	0.60	129.92
Excavation - Class I Haz	2030													
Total Haul Trips	5714													
Hauling	19	313	8	170	0.17	17.93	2.89	0.08	0.17	0.05	1239.83	1.14	57.03	1298.00
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.02	0.11	1.92	0.01	0.00	0.00	126.06	0.02	0.58	126.66
Excavation - Class I Haz	2031													
Total Haul Trips	2857													
Hauling	19	156	8	170	0.17	17.85	2.89	0.08	0.17	0.05	604.68	0.56	27.81	633.05
Vendor	0	156	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	156	8	14.7	0.02	0.10	1.85	0.01	0.00	0.00	61.57	0.01	0.28	61.86
Excavation - Class II Non-Ha	2021													
Total Haul Trips	28251													
Hauling	180	157	8	15	0.83	24.51	4.03	0.08	0.36	0.19	657.91	0.59	30.23	688.72
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2022													
Total Haul Trips	56502													
Hauling	181	313	8	15	0.51	21.01	3.14	0.08	0.21	0.09	1283.75	1.12	59.01	1343.87
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2023													
Total Haul Trips	56502													
Hauling	181	313	8	15	0.15	16.05	2.37	0.08	0.15	0.04	1220.88	1.05	56.14	1278.07
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2024													
Total Haul Trips	28251													
Hauling	180	157	8	15	0.15	15.99	2.39	0.08	0.15	0.04	599.35	0.52	27.56	627.43
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Excavation - Class II Non-Ha	2025													
Total Haul Trips	10567													
Hauling	68	157	8	15	0.06	6.00	0.91	0.03	0.06	0.02	222.05	0.19	10.21	232.45
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2026													
Total Haul Trips	21134													
Hauling	68	314	8	15	0.06	5.95	0.92	0.03	0.06	0.02	434.98	0.39	20.01	455.37
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2027													
Total Haul Trips	5283													
Hauling	68	78	8	15	0.06	5.88	0.92	0.03	0.06	0.02	105.58	0.09	4.86	110.53
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	78	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2029													
Total Haul Trips	27459													
Hauling	88	314	8	15	0.07	7.38	1.18	0.03	0.07	0.02	520.92	0.48	23.96	545.36
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2030													
Total Haul Trips	27899													
Hauling	393	71	8	15	0.31	32.72	5.28	0.15	0.31	0.10	513.28	0.47	23.61	537.36
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	71	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2031													
Total Haul Trips	13949													
Hauling	85	165	8	15	0.07	7.05	1.14	0.03	0.07	0.02	252.46	0.23	11.61	264.30
Vendor	0	165	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	165	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Site Preparation	2027													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	90	65	8	14.7	0.02	0.10	1.60	0.01	0.00	0.00	20.60	0.00	0.10	20.71
A1- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	171	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	171	8	6.9	0.06	6.23	0.90	0.03	0.05	0.02	281.46	0.14	11.81	293.41
Worker	518	171	8	14.7	0.11	0.57	9.19	0.04	0.02	0.02	311.95	0.06	1.52	313.53
A1- Building Construction	2028													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	313	8	6.9	0.06	6.19	0.89	0.03	0.05	0.02	505.17	0.26	21.16	526.59
Worker	518	313	8	14.7	0.10	0.52	8.76	0.04	0.02	0.02	556.11	0.10	2.65	558.85
A1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	169	8	6.9	0.06	6.10	0.87	0.03	0.05	0.02	266.55	0.14	11.14	277.82
Worker	518	169	8	14.7	0.09	0.48	8.38	0.04	0.02	0.02	293.06	0.05	1.37	294.48
A1- Paving	2029													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	49	8	14.7	0.01	0.04	0.62	0.00	0.00	0.00	6.23	0.00	0.03	6.26
A2- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	104	49	8	14.7	0.02	0.10	1.68	0.01	0.00	0.00	17.06	0.00	0.08	17.14
B1- Site Preparation	2026													
Total Haul Trips	0													
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	88	63	8	14.7	0.02	0.11	1.65	0.01	0.00	0.00	20.09	0.00	0.10	20.20
B1 - Building Construction	2026													
Total Haul Trips	0													
Hauling	0	66	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	66	8	6.9	0.04	4.05	0.59	0.02	0.03	0.01	71.32	0.04	3.00	74.35
Worker	334	66	8	14.7	0.08	0.41	6.26	0.03	0.01	0.01	79.89	0.02	0.40	80.31
B1 - Building Construction	2027													

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	313	8	6.9	0.04	4.01	0.58	0.02	0.03	0.01	331.55	0.17	13.92	345.64
Worker	334	313	8	14.7	0.07	0.37	5.93	0.03	0.01	0.01	368.17	0.07	1.79	370.03
B1 - Building Construction	2028													
Total Haul Trips	0													
Hauling	0	252	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	252	8	6.9	0.04	3.98	0.57	0.02	0.03	0.01	261.75	0.14	10.96	272.85
Worker	334	252	8	14.7	0.07	0.34	5.65	0.02	0.01	0.01	288.69	0.05	1.37	290.11
B1 - Paving	2029													
Total Haul Trips	0													
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	12	8	14.7	0.01	0.03	0.49	0.00	0.00	0.00	1.21	0.00	0.01	1.21
B1 - Paving	2028													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	35	8	14.7	0.01	0.03	0.51	0.00	0.00	0.00	3.60	0.00	0.02	3.62
B1- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	67	47	8	14.7	0.01	0.06	1.08	0.00	0.00	0.00	10.54	0.00	0.05	10.59
C1- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	115	65	8	14.7	0.02	0.11	1.86	0.01	0.00	0.00	25.02	0.00	0.12	25.14
C1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	39	8	6.9	0.04	3.86	0.55	0.02	0.03	0.01	38.98	0.02	1.63	40.63
Worker	859	39	8	14.7	0.15	0.80	13.90	0.06	0.03	0.03	112.15	0.02	0.52	112.69
C1- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	313	8	6.9	0.03	3.84	0.54	0.02	0.03	0.01	306.82	0.16	12.79	319.77
Worker	859	313	8	14.7	0.14	0.74	13.38	0.06	0.03	0.03	880.35	0.13	4.06	884.55
C1- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	299	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	299	8	6.9	0.03	3.83	0.54	0.02	0.03	0.01	288.04	0.15	11.99	300.17
Worker	859	299	8	14.7	0.12	0.69	12.91	0.06	0.03	0.02	824.21	0.11	3.76	828.08
C1- Paving	2031													
Total Haul Trips	0													
Hauling	0	29	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	29	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	29	8	14.7	0.00	0.02	0.38	0.00	0.00	0.00	2.33	0.00	0.01	2.34
C1- Paving	2032													
Total Haul Trips	0													
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	20	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	20	8	14.7	0.00	0.02	0.36	0.00	0.00	0.00	1.58	0.00	0.01	1.58
C1- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	172	49	8	14.7	0.02	0.13	2.51	0.01	0.00	0.00	26.56	0.00	0.12	26.68
C2- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	100	65	8	14.7	0.02	0.09	1.62	0.01	0.00	0.00	21.76	0.00	0.10	21.86
C2- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	170	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	170	8	6.9	0.03	3.35	0.48	0.02	0.03	0.01	147.34	0.08	6.16	153.57
Worker	286	170	8	14.7	0.05	0.27	4.63	0.02	0.01	0.01	162.76	0.03	0.76	163.55
C2- Building Construction	2030													
Total Haul Trips	0													

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	313	8	6.9	0.03	3.33	0.47	0.02	0.03	0.01	266.07	0.14	11.09	277.30
Worker	286	313	8	14.7	0.05	0.25	4.45	0.02	0.01	0.01	293.11	0.04	1.35	294.51
C2- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	169	8	6.9	0.03	3.32	0.47	0.02	0.03	0.01	141.18	0.07	5.88	147.13
Worker	286	169	8	14.7	0.04	0.23	4.30	0.02	0.01	0.01	155.11	0.02	0.71	155.83
C2- Paving	2031													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	49	8	14.7	0.00	0.02	0.45	0.00	0.00	0.00	4.72	0.00	0.02	4.74
C2- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	57	49	8	14.7	0.01	0.04	0.83	0.00	0.00	0.00	8.80	0.00	0.04	8.84
C3- Site Preparation	2030													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	35	53	8	14.7	0.01	0.03	0.54	0.00	0.00	0.00	6.07	0.00	0.03	6.10
C3- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	237	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	237	8	6.9	0.01	0.87	0.12	0.00	0.01	0.00	52.64	0.03	2.19	54.86
Worker	150	237	8	14.7	0.02	0.13	2.34	0.01	0.00	0.00	116.40	0.02	0.54	116.96
C3- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	289	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	289	8	6.9	0.01	0.87	0.12	0.00	0.01	0.00	63.08	0.03	2.62	65.73
Worker	150	289	8	14.7	0.02	0.12	2.25	0.01	0.00	0.00	139.11	0.02	0.63	139.76
C3- Paving	2031													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	39	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	1.63	0.00	0.01	1.63
C3- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	9	8	14.7	0.00	0.02	0.45	0.00	0.00	0.00	0.87	0.00	0.00	0.87
C3- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	30	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	8	14.7	0.00	0.02	0.44	0.00	0.00	0.00	2.84	0.00	0.01	2.85
D1-Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	33	53	8	14.7	0.01	0.03	0.53	0.00	0.00	0.00	5.86	0.00	0.03	5.88
D1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	260	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	260	8	6.9	0.02	1.69	0.24	0.01	0.01	0.01	113.68	0.06	4.75	118.49
Worker	366	260	8	14.7	0.06	0.34	5.92	0.03	0.01	0.01	318.56	0.05	1.49	320.10
D1- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	267	8	6.9	0.02	1.68	0.24	0.01	0.01	0.01	114.51	0.06	4.77	119.34
Worker	366	267	8	14.7	0.06	0.32	5.70	0.03	0.01	0.01	319.97	0.05	1.48	321.50
D1- Paving	2030													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.00	0.01	0.23	0.00	0.00	0.00	1.92	0.00	0.01	1.92
D1- Architectural Coating	2030													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Vendor	0	8	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	8	8	14.7	0.01	0.06	1.14	0.01	0.00	0.00	1.91	0.00	0.01	1.92
D1- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	31	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	31	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	31	8	14.7	0.01	0.06	1.10	0.01	0.00	0.00	7.26	0.00	0.03	7.30
D4- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	57	8	14.7	0.01	0.06	1.10	0.00	0.00	0.00	12.98	0.00	0.06	13.04
D4- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	183	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	183	8	6.9	0.03	3.71	0.53	0.02	0.03	0.01	175.75	0.09	7.34	183.18
Worker	315	183	8	14.7	0.06	0.29	5.10	0.02	0.01	0.01	192.98	0.03	0.90	193.91
D4- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	313	8	6.9	0.03	3.69	0.52	0.02	0.03	0.01	294.84	0.15	12.29	307.28
Worker	315	313	8	14.7	0.05	0.27	4.90	0.02	0.01	0.01	322.83	0.05	1.49	324.37
D4- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	72	8	6.9	0.03	3.68	0.52	0.02	0.03	0.01	66.65	0.03	2.77	69.46
Worker	315	72	8	14.7	0.04	0.25	4.73	0.02	0.01	0.01	72.78	0.01	0.33	73.12
D4- Paving	2031													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	43	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	2.76	0.00	0.01	2.77
D4- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	63	43	8	14.7	0.01	0.05	0.95	0.00	0.00	0.00	8.69	0.00	0.04	8.73
D5-D6- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	57	8	14.7	0.01	0.05	0.69	0.00	0.00	0.00	6.83	0.00	0.04	6.87
D5-D6- Building Constructic	2023													
Total Haul Trips	0													
Hauling	0	22	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	22	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	1.73	0.00	0.07	1.80
Worker	24	22	8	14.7	0.01	0.04	0.56	0.00	0.00	0.00	2.11	0.00	0.01	2.12
D5-D6- Building Constructic	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	24.24	0.01	1.02	25.28
Worker	24	313	8	14.7	0.01	0.04	0.51	0.00	0.00	0.00	29.04	0.01	0.16	29.20
D5-D6- Building Constructic	2025													
Total Haul Trips	0													
Hauling	0	234	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	234	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	17.82	0.01	0.75	18.58
Worker	24	234	8	14.7	0.01	0.03	0.48	0.00	0.00	0.00	20.99	0.00	0.11	21.10
D5-D6- Paving	2025													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	43	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	2.41	0.00	0.01	2.42
D5-D6- Architectural Coatir	2025													
Total Haul Trips	0													
Hauling	0	37	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	37	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	37	8	14.7	0.00	0.01	0.10	0.00	0.00	0.00	0.69	0.00	0.00	0.70
D5-D6- Architectural Coatir	2026													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Worker	5	6	8	14.7	0.00	0.01	0.09	0.00	0.00	0.00	0.11	0.00	0.00	0.11
D7- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	59	8	14.7	0.01	0.06	0.96	0.00	0.00	0.00	10.58	0.00	0.05	10.64
D7- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	99	8	6.9	0.03	3.01	0.45	0.02	0.02	0.01	80.41	0.04	3.39	83.85
Worker	245	99	8	14.7	0.07	0.33	4.89	0.02	0.01	0.01	90.65	0.02	0.47	91.14
D7- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	313	8	6.9	0.03	2.99	0.44	0.02	0.02	0.01	249.76	0.13	10.50	260.39
Worker	245	313	8	14.7	0.06	0.30	4.59	0.02	0.01	0.01	277.93	0.06	1.39	279.37
D7- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	178	8	6.9	0.03	2.96	0.43	0.02	0.02	0.01	139.24	0.07	5.84	145.15
Worker	245	178	8	14.7	0.05	0.27	4.35	0.02	0.01	0.01	153.59	0.03	0.75	154.36
D7- Paving	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.00	0.02	0.27	0.00	0.00	0.00	2.32	0.00	0.01	2.34
D7- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	49	44	8	14.7	0.01	0.05	0.87	0.00	0.00	0.00	7.59	0.00	0.04	7.63
D8-D13- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	111	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	111	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	43	111	8	14.7	0.02	0.07	1.00	0.00	0.00	0.00	19.06	0.00	0.11	19.17
D8-D13- Building Construct	2023													
Total Haul Trips	0													
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	72	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	5.66	0.00	0.24	5.90
Worker	24	72	8	14.7	0.01	0.04	0.56	0.00	0.00	0.00	6.90	0.00	0.04	6.94
D8-D13- Building Construct	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	24.24	0.01	1.02	25.28
Worker	24	313	8	14.7	0.01	0.04	0.51	0.00	0.00	0.00	29.04	0.01	0.16	29.20
D8-D13- Building Construct	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	23.83	0.01	1.00	24.85
Worker	24	313	8	14.7	0.01	0.03	0.48	0.00	0.00	0.00	28.08	0.01	0.14	28.23
D8-D13- Building Construct	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	23.42	0.01	0.98	24.41
Worker	24	313	8	14.7	0.01	0.03	0.45	0.00	0.00	0.00	27.23	0.01	0.14	27.37
D8-D13- Building Construct	2027													
Total Haul Trips	0													
Hauling	0	101	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	101	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	7.41	0.00	0.31	7.72
Worker	24	101	8	14.7	0.01	0.03	0.43	0.00	0.00	0.00	8.54	0.00	0.04	8.58
D8-D13- Paving	2027													
Total Haul Trips	0													
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	83	8	14.7	0.00	0.02	0.27	0.00	0.00	0.00	4.38	0.00	0.02	4.41
D8-D13- Architectural Coati	2027													
Total Haul Trips	0													
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	83	8	14.7	0.00	0.01	0.09	0.00	0.00	0.00	1.46	0.00	0.01	1.47

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	CO2	Regional Emissions (MT/year) CH4	N2O	CO2e
E1.1- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	46	8	14.7	0.02	0.10	1.46	0.01	0.00	0.00	12.09	0.00	0.06	12.16
E1.1- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	267	8	6.9	0.03	3.08	0.47	0.02	0.02	0.01	225.20	0.11	9.51	234.83
Worker	630	267	8	14.7	0.20	0.95	13.49	0.05	0.03	0.03	650.19	0.15	3.48	653.82
E1.1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	197	8	6.9	0.03	3.07	0.46	0.02	0.02	0.01	163.35	0.08	6.89	170.32
Worker	630	197	8	14.7	0.18	0.85	12.57	0.05	0.03	0.03	463.85	0.10	2.39	466.34
E1.1- Paving	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	35	8	14.7	0.01	0.03	0.40	0.00	0.00	0.00	2.62	0.00	0.01	2.63
E1.1- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	126	35	8	14.7	0.04	0.17	2.51	0.01	0.01	0.01	16.48	0.00	0.08	16.57
E1.2- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	75	59	8	14.7	0.03	0.13	1.74	0.01	0.00	0.00	17.67	0.00	0.10	17.77
E1.2- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	20	8	6.9	0.06	5.77	0.92	0.03	0.04	0.02	32.14	0.02	1.36	33.52
Worker	470	20	8	14.7	0.18	0.81	10.88	0.04	0.02	0.02	37.53	0.01	0.21	37.75
E1.2- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	313	8	6.9	0.06	5.79	0.89	0.03	0.04	0.02	495.67	0.25	20.94	516.86
Worker	470	313	8	14.7	0.15	0.71	10.07	0.04	0.02	0.02	568.63	0.13	3.04	571.81
E1.2- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	257	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	257	8	6.9	0.06	5.76	0.86	0.03	0.04	0.02	400.11	0.20	16.87	417.18
Worker	470	257	8	14.7	0.13	0.63	9.38	0.04	0.02	0.02	451.44	0.10	2.32	453.86
E1.2- Paving	2025													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	44	8	14.7	0.01	0.05	0.76	0.00	0.00	0.00	6.25	0.00	0.03	6.28
E1.2- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	12	8	14.7	0.03	0.13	1.88	0.01	0.00	0.00	4.22	0.00	0.02	4.24
E1.2- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	32	8	14.7	0.02	0.11	1.76	0.01	0.00	0.00	10.90	0.00	0.05	10.96
F1-F2- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	110	61	8	14.7	0.04	0.17	2.36	0.01	0.00	0.00	25.94	0.01	0.14	26.08
F1-F2- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	122	8	6.9	0.10	9.69	1.49	0.05	0.07	0.03	323.40	0.16	13.66	337.23
Worker	790	122	8	14.7	0.26	1.19	16.92	0.07	0.04	0.03	372.54	0.09	1.99	374.62

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
F1-F2- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	313	8	6.9	0.09	9.65	1.44	0.05	0.07	0.03	815.68	0.42	34.39	850.49
Worker	790	313	8	14.7	0.22	1.06	15.76	0.06	0.03	0.03	924.15	0.20	4.76	929.11
F1-F2- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	175	8	6.9	0.09	9.58	1.41	0.05	0.07	0.03	448.02	0.23	18.84	467.10
Worker	790	175	8	14.7	0.20	0.96	14.82	0.06	0.03	0.03	501.05	0.10	2.50	503.65
F1-F2- Paving	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	50	46	8	14.7	0.01	0.06	0.94	0.00	0.00	0.00	8.34	0.00	0.04	8.38
F1-F2- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	158	46	8	14.7	0.04	0.19	2.96	0.01	0.01	0.01	26.34	0.01	0.13	26.48
F3- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	53	8	14.7	0.01	0.04	0.60	0.00	0.00	0.00	5.94	0.00	0.03	5.97
F3- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	210	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	210	8	6.9	0.05	4.64	0.69	0.03	0.04	0.02	262.97	0.13	11.09	274.19
Worker	379	210	8	14.7	0.11	0.51	7.56	0.03	0.02	0.02	297.46	0.06	1.53	299.06
F3- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.04	4.61	0.68	0.03	0.04	0.02	385.05	0.20	16.19	401.44
Worker	379	313	8	14.7	0.09	0.46	7.11	0.03	0.02	0.01	429.93	0.09	2.14	432.17
F3- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	4	8	6.9	0.04	4.56	0.66	0.02	0.04	0.02	4.82	0.00	0.20	5.03
Worker	379	4	8	14.7	0.08	0.42	6.72	0.03	0.01	0.01	5.34	0.00	0.03	5.37
F3- Paving	2027													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.00	0.02	0.27	0.00	0.00	0.00	2.06	0.00	0.01	2.07
F3- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	39	8	14.7	0.02	0.08	1.35	0.01	0.00	0.00	10.44	0.00	0.05	10.49
F4- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	61	8	14.7	0.01	0.06	0.81	0.00	0.00	0.00	8.96	0.00	0.05	9.01
F4- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	122	8	6.9	0.02	1.89	0.29	0.01	0.01	0.01	63.00	0.03	2.66	65.69
Worker	311	122	8	14.7	0.10	0.47	6.66	0.03	0.01	0.01	146.66	0.03	0.78	147.48
F4- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	313	8	6.9	0.02	1.88	0.28	0.01	0.01	0.01	158.90	0.08	6.70	165.68
Worker	311	313	8	14.7	0.09	0.42	6.21	0.03	0.01	0.01	363.81	0.08	1.87	365.76
F4- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	175	8	6.9	0.02	1.87	0.27	0.01	0.01	0.01	87.28	0.04	3.67	90.99
Worker	311	175	8	14.7	0.08	0.38	5.83	0.02	0.01	0.01	197.25	0.04	0.98	198.27
F4- Paving	2026													

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	46	8	14.7	0.00	0.02	0.28	0.00	0.00	0.00	2.50	0.00	0.01	2.51
F4- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	46	8	14.7	0.02	0.08	1.16	0.00	0.00	0.00	10.34	0.00	0.05	10.39
F5- Site Preparation	2022													
Total Haul Trips	0													
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0.01	0.06	0.76	0.00	0.00	0.00	8.78	0.00	0.05	8.83
F5- Building Construction	2022													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	8	8	6.9	0.02	0.59	0.11	0.00	0.01	0.01	1.02	0.00	0.04	1.06
Worker	37	8	8	14.7	0.02	0.07	0.94	0.00	0.00	0.00	1.22	0.00	0.01	1.23
F5- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.00	0.44	0.07	0.00	0.00	0.00	38.27	0.02	1.62	39.91
Worker	37	313	8	14.7	0.01	0.06	0.86	0.00	0.00	0.00	46.24	0.01	0.26	46.51
F5- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.00	0.44	0.07	0.00	0.00	0.00	37.71	0.02	1.59	39.33
Worker	37	313	8	14.7	0.01	0.06	0.79	0.00	0.00	0.00	44.76	0.01	0.24	45.01
F5- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	81	8	6.9	0.00	0.44	0.07	0.00	0.00	0.00	9.59	0.00	0.40	10.00
Worker	37	81	8	14.7	0.01	0.05	0.74	0.00	0.00	0.00	11.20	0.00	0.06	11.26
F5- Paving	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	3.03	0.00	0.02	3.04
F5- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	7	54	8	14.7	0.00	0.01	0.14	0.00	0.00	0.00	1.41	0.00	0.01	1.42
F6- Site Preparation	2022													
Total Haul Trips	0													
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0.01	0.06	0.76	0.00	0.00	0.00	8.78	0.00	0.05	8.83
F6- Building Construction	2022													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	8	8	6.9	0.05	1.70	0.31	0.01	0.02	0.02	2.92	0.00	0.12	3.04
Worker	257	8	8	14.7	0.11	0.50	6.50	0.02	0.01	0.01	8.47	0.00	0.05	8.53
F6- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.01	1.25	0.20	0.01	0.01	0.00	109.36	0.06	4.63	114.04
Worker	257	313	8	14.7	0.10	0.44	5.95	0.02	0.01	0.01	321.20	0.08	1.80	323.09
F6- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.01	1.26	0.19	0.01	0.01	0.00	107.75	0.05	4.55	112.36
Worker	257	313	8	14.7	0.08	0.39	5.50	0.02	0.01	0.01	310.93	0.07	1.66	312.67
F6- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	81	8	6.9	0.01	1.25	0.19	0.01	0.01	0.00	27.41	0.01	1.16	28.58
Worker	257	81	8	14.7	0.07	0.35	5.13	0.02	0.01	0.01	77.80	0.02	0.40	78.22
F6- Paving	2025													
Total Haul Trips	0													

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.012807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	3.03	0.00	0.02	3.04
F6- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	51	54	8	14.7	0.01	0.07	1.02	0.00	0.00	0.00	10.29	0.00	0.05	10.35
G1- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0.01	0.05	0.76	0.00	0.00	0.00	8.38	0.00	0.04	8.42
G1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	225	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	225	8	6.9	0.05	4.64	0.69	0.03	0.04	0.02	281.75	0.14	11.88	293.78
Worker	379	225	8	14.7	0.11	0.51	7.56	0.03	0.02	0.02	318.71	0.07	1.64	320.42
G1- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.04	4.61	0.68	0.03	0.04	0.02	385.05	0.20	16.19	401.44
Worker	379	313	8	14.7	0.09	0.46	7.11	0.03	0.02	0.01	429.93	0.09	2.14	432.17
G1- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	50	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	50	8	6.9	0.04	4.56	0.66	0.02	0.04	0.02	60.30	0.03	2.53	62.86
Worker	379	50	8	14.7	0.08	0.42	6.72	0.03	0.01	0.01	66.74	0.01	0.32	67.07
G1- Paving	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.00	0.02	0.27	0.00	0.00	0.00	2.32	0.00	0.01	2.34
G1- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	44	8	14.7	0.02	0.08	1.35	0.01	0.00	0.00	11.78	0.00	0.06	11.84
H1- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0.01	0.06	0.81	0.00	0.00	0.00	8.67	0.00	0.05	8.71
H1- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	99	8	6.9	0.01	1.48	0.23	0.01	0.01	0.00	40.05	0.02	1.69	41.76
Worker	312	99	8	14.7	0.10	0.47	6.68	0.03	0.01	0.01	119.39	0.03	0.64	120.06
H1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	313	8	6.9	0.01	1.47	0.22	0.01	0.01	0.00	124.47	0.06	5.25	129.78
Worker	312	313	8	14.7	0.09	0.42	6.23	0.03	0.01	0.01	364.98	0.08	1.88	366.94
H1- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	178	8	6.9	0.01	1.46	0.21	0.01	0.01	0.00	69.54	0.04	2.92	72.50
Worker	312	178	8	14.7	0.08	0.38	5.85	0.02	0.01	0.01	201.28	0.04	1.00	202.32
H1- Paving	2026													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.00	0.02	0.28	0.00	0.00	0.00	2.39	0.00	0.01	2.40
H1- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	44	8	14.7	0.02	0.08	1.16	0.00	0.00	0.00	9.89	0.00	0.05	9.94
H2- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	51	8	14.7	0.01	0.03	0.49	0.00	0.00	0.00	5.12	0.00	0.02	5.15
H2- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	263	8	6.9	0.01	1.12	0.16	0.01	0.01	0.00	75.98	0.04	3.17	79.19
Worker	241	263	8	14.7	0.04	0.22	3.90	0.02	0.01	0.01	212.18	0.03	0.99	213.21
H2- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	242	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	242	8	6.9	0.01	1.11	0.16	0.01	0.01	0.00	68.57	0.04	2.86	71.47
Worker	241	242	8	14.7	0.04	0.21	3.75	0.02	0.01	0.01	190.96	0.03	0.88	191.87
H2- Paving	2030													
Total Haul Trips	0													
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	38	8	6.9	0.01	1.11	0.16	0.01	0.01	0.00	10.77	0.01	0.45	11.22
Worker	241	38	8	14.7	0.04	0.21	3.75	0.02	0.01	0.01	29.99	0.00	0.14	30.13
H2- Architectural Coating	2030													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	32	8	14.7	0.00	0.01	0.23	0.00	0.00	0.00	1.57	0.00	0.01	1.58
H2- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	6	8	14.7	0.01	0.04	0.72	0.00	0.00	0.00	0.92	0.00	0.00	0.93
H3- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	80	63	8	14.7	0.02	0.11	1.60	0.01	0.00	0.00	18.84	0.00	0.10	18.94
H3- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	105	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	105	8	6.9	0.04	4.32	0.65	0.02	0.03	0.01	122.60	0.06	5.17	127.83
Worker	865	105	8	14.7	0.24	1.16	17.26	0.07	0.04	0.03	339.45	0.07	1.75	341.27
H3- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	313	8	6.9	0.04	4.29	0.63	0.02	0.03	0.01	359.03	0.18	15.10	374.32
Worker	865	313	8	14.7	0.22	1.05	16.22	0.07	0.04	0.03	981.25	0.20	4.89	986.34
H3- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	214	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	214	8	6.9	0.04	4.26	0.62	0.02	0.03	0.01	240.63	0.12	10.10	250.86
Worker	865	214	8	14.7	0.19	0.95	15.35	0.07	0.03	0.03	651.92	0.12	3.17	655.21
H3- Paving	2027													
Total Haul Trips	0													
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	47	8	14.7	0.01	0.03	0.44	0.00	0.00	0.00	4.14	0.00	0.02	4.16
H3- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	42	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	42	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	42	8	14.7	0.04	0.19	3.07	0.01	0.01	0.01	25.59	0.00	0.12	25.72
H3- Architectural Coating	2028													
Total Haul Trips	0													
Hauling	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	5	8	14.7	0.03	0.17	2.92	0.01	0.01	0.01	2.97	0.00	0.01	2.98
H4- Site Preparation	2027													
Total Haul Trips	0													
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	51	8	14.7	0.01	0.04	0.67	0.00	0.00	0.00	6.83	0.00	0.03	6.86
H4- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	263	8	6.9	0.02	2.00	0.29	0.01	0.02	0.01	139.29	0.07	5.85	145.21

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Worker	425	263	8	14.7	0.09	0.47	7.54	0.03	0.02	0.02	393.65	0.07	1.91	395.63
H4- Building Construction	2028													
Total Haul Trips	0													
Hauling	0	243	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	243	8	6.9	0.02	1.99	0.29	0.01	0.02	0.01	126.20	0.07	5.29	131.55
Worker	425	243	8	14.7	0.08	0.43	7.19	0.03	0.02	0.01	354.23	0.06	1.69	355.97
H4- Paving	2028													
Total Haul Trips	0													
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	38	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	38	8	14.7	0.00	0.02	0.25	0.00	0.00	0.00	1.96	0.00	0.01	1.96
H4- Architectural Coating	2028													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	6	8	14.7	0.02	0.09	1.44	0.01	0.00	0.00	1.75	0.00	0.01	1.76
H4- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	32	8	14.7	0.01	0.08	1.38	0.01	0.00	0.00	9.11	0.00	0.04	9.15
150 SM Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	53	8	14.7	0.01	0.04	0.60	0.00	0.00	0.00	5.74	0.00	0.03	5.77
150 SM Building Constructio	2024													
Total Haul Trips	0													
Hauling	0	26	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	26	8	6.9	0.00	0.09	0.01	0.00	0.00	0.00	0.67	0.00	0.03	0.70
Worker	7	26	8	14.7	0.00	0.01	0.15	0.00	0.00	0.00	0.70	0.00	0.00	0.71
150 SM Building Constructio	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	313	8	6.9	0.00	0.09	0.01	0.00	0.00	0.00	7.94	0.00	0.33	8.28
Worker	7	313	8	14.7	0.00	0.01	0.14	0.00	0.00	0.00	8.19	0.00	0.04	8.23
150 SM Building Constructio	2026													
Total Haul Trips	0													
Hauling	0	188	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	188	8	6.9	0.00	0.09	0.01	0.00	0.00	0.00	4.69	0.00	0.20	4.89
Worker	7	188	8	14.7	0.00	0.01	0.13	0.00	0.00	0.00	4.77	0.00	0.02	4.79
150 SM Paving	2026													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.00	0.02	0.28	0.00	0.00	0.00	2.12	0.00	0.01	2.13
150 SM Architectural Coatir	2026													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	39	8	14.7	0.00	0.00	0.02	0.00	0.00	0.00	0.14	0.00	0.00	0.14
40 SM Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	46	8	14.7	0.01	0.04	0.60	0.00	0.00	0.00	4.98	0.00	0.03	5.01
40 SM Building Construction	2024													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	267	8	6.9	0.00	0.06	0.01	0.00	0.00	0.00	4.60	0.00	0.19	4.79
Worker	5	267	8	14.7	0.00	0.01	0.11	0.00	0.00	0.00	5.16	0.00	0.03	5.19
40 SM Building Construction	2025													
Total Haul Trips	0													
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	197	8	6.9	0.00	0.06	0.01	0.00	0.00	0.00	3.33	0.00	0.14	3.48
Worker	5	197	8	14.7	0.00	0.01	0.10	0.00	0.00	0.00	3.68	0.00	0.02	3.70
40 SM Paving	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	35	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	1.96	0.00	0.01	1.97

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	CO2	Regional Emissions (MT/year) CH4	N2O	CO2e
40 SM Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	35	8	14.7	0.00	0.00	0.02	0.00	0.00	0.00	0.13	0.00	0.00	0.13
LTA B1-1 Paving	2025													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.15	0.00	0.00	0.15
LTA B1-2 Paving	2025													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.15	0.00	0.00	0.15
LTA B1-3 Paving	2025													
Total Haul Trips	0													
Hauling	0	24	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	24	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	24	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.90	0.00	0.00	0.90
LTA B1-4 Paving	2025													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.34	0.00	0.00	0.34
LTA B1-4 Paving	2025													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.34	0.00	0.00	0.34
Phase 1- Demolition only	2021													
Total Haul Trips	975													
Hauling	4	313	8	15	0.02	0.54	0.09	0.00	0.01	0.00	29.15	0.03	1.34	30.51
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	313	8	14.7	0.07	0.32	3.90	0.01	0.01	0.01	186.13	0.06	1.18	187.37
Phase 1- Demolition only	2022													
Total Haul Trips	244													
Hauling	4	78	8	15	0.01	0.46	0.07	0.00	0.00	0.00	7.07	0.01	0.32	7.40
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	78	8	14.7	0.06	0.27	3.54	0.01	0.01	0.01	45.00	0.01	0.27	45.28
Phase 2- Demolition only	2025													
Total Haul Trips	1910													
Hauling	9	235	8	15	0.01	0.79	0.12	0.00	0.01	0.00	43.99	0.04	2.02	46.05
Vendor	0	235	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	235	8	14.7	0.04	0.19	2.79	0.01	0.01	0.01	122.96	0.03	0.63	123.62
Phase 3- Demolition only	2027													
Total Haul Trips	166													
Hauling	2	104	8	15	0.00	0.17	0.03	0.00	0.00	0.00	4.14	0.00	0.19	4.33
Vendor	0	104	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	104	8	14.7	0.03	0.15	2.48	0.01	0.01	0.01	51.28	0.01	0.25	51.54
Phase 3- Demolition only	2028													
Total Haul Trips	80													
Hauling	2	50	8	15	0.00	0.17	0.03	0.00	0.00	0.00	1.94	0.00	0.09	2.04
Vendor	0	50	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	50	8	14.7	0.03	0.14	2.37	0.01	0.01	0.00	24.01	0.00	0.11	24.13
West San Fernando Bridge-														
Demolition and Ped Bridge	2022													
Total Haul Trips	500													
Hauling	5	105	8	15	0.01	0.58	0.09	0.00	0.01	0.00	11.90	0.01	0.55	12.45
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	44	105	8	14.7	0.02	0.09	1.11	0.00	0.00	0.00	19.04	0.01	0.11	19.16
West San Fernando Bridge-														
Abutment/Bent														
Construction	2023													
Total Haul Trips	333													
Hauling	4	105	8	15	0.00	0.35	0.05	0.00	0.00	0.00	9.05	0.01	0.42	9.48
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	105	8	14.7	0.01	0.03	0.46	0.00	0.00	0.00	8.39	0.00	0.05	8.43

Downtown West San Jose Mixed Use Development
Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.13900353	4.11760691	0.67643733	0.0142456	0.06061881	0.03108162	1552.03084	0.05522988	0.24593924
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.08527405	3.510881156	0.52508074	0.0138527	0.03504399	0.0148516	1510.65658	0.05258593	0.23944275
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02576025	2.680938629	0.39569661	0.01315352	0.02467077	0.00671212	1436.67605	0.04953647	0.22781015
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02569783	2.686297103	0.40135206	0.01294073	0.02493687	0.00706033	1413.89593	0.04910923	0.22421567
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02549847	2.66986546	0.40529675	0.01268596	0.0249292	0.00713748	1386.58178	0.04867707	0.21990337
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02523032	2.645781643	0.40788861	0.01242167	0.02479309	0.0072095	1358.12265	0.04819674	0.21540575
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.024934	2.616018284	0.40830843	0.01213617	0.02459928	0.00725769	1327.02958	0.04741486	0.21047667
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.0246513	2.589866188	0.40857737	0.01185012	0.02437299	0.00733725	1295.90257	0.04676186	0.20554405
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02423467	2.536151928	0.40645829	0.01148951	0.0239807	0.00742815	1256.79744	0.04601533	0.19935358
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02401449	2.517362076	0.40594946	0.01121204	0.02379007	0.00752603	1226.34809	0.04518098	0.19451789
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02384088	2.507211008	0.40561629	0.01097333	0.02367821	0.00761614	1200.0419	0.04442849	0.19033507
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02370356	2.501179356	0.40557538	0.01076791	0.0235918	0.00766708	1177.31711	0.04370915	0.18671855
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
West San Fernando Bridge-														
Superstructure	2023													
Total Haul Trips	0													
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.03	0.00	0.00	0.00	0.00	0.67	0.00	0.03	0.70
Worker	20	77	8	14.7	0.01	0.03	0.46	0.00	0.00	0.00	6.15	0.00	0.03	6.19
West San Fernando Bridge-														
Superstructure	2024													
Total Haul Trips	0													
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.03	0.00	0.00	0.00	0.00	0.66	0.00	0.03	0.69
Worker	20	77	8	14.7	0.01	0.03	0.43	0.00	0.00	0.00	5.95	0.00	0.03	5.99

Downtown West San Jose Mixed Use Development
Idling Emissions

Downtown West San Jose Mixed Use Development
Idling Emissions

	Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021Hauling Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021Vendor Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021Worker Worker	0	0	0	0	0	0	0	0	0	
2022Hauling Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022Vendor Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022Worker Worker	0	0	0	0	0	0	0	0	0	
2023Hauling Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023Vendor Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023Worker Worker	0	0	0	0	0	0	0	0	0	
2024Hauling Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024Vendor Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024Worker Worker	0	0	0	0	0	0	0	0	0	
2025Hauling Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025Vendor Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025Worker Worker	0	0	0	0	0	0	0	0	0	
2026Hauling Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026Vendor Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026Worker Worker	0	0	0	0	0	0	0	0	0	
2027Hauling Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027Vendor Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027Worker Worker	0	0	0	0	0	0	0	0	0	
2028Hauling Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028Vendor Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028Worker Worker	0	0	0	0	0	0	0	0	0	
2029Hauling Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029Vendor Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029Worker Worker	0	0	0	0	0	0	0	0	0	
2030Hauling Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030Vendor Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030Worker Worker	0	0	0	0	0	0	0	0	0	
2031Hauling Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031Vendor Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031Worker Worker	0	0	0	0	0	0	0	0	0	
2032Hauling Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032Vendor Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032Worker Worker	0	0	0	0	0	0	0	0	0	
GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Excavation - Class I Haz	2021													
Total Haul Trips	2957													
Hauling	19	157	8	15	0.11	1.56	1.47	0.00	0.00	0.00	20.23	0.01	0.93	21.16
Vendor	0	157	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2022													
Total Haul Trips	5914													
Hauling	19	313	8	15	0.11	1.54	1.55	0.00	0.00	0.00	40.91	0.02	1.87	42.80
Vendor	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2023													
Total Haul Trips	5914													
Hauling	19	313	8	15	0.11	1.41	1.65	0.00	0.00	0.00	39.32	0.02	1.80	41.14
Vendor	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2024													
Total Haul Trips	2957													
Hauling	19	157	8	15	0.11	1.40	1.65	0.00	0.00	0.00	19.46	0.01	0.89	20.36
Vendor	0	157	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2025													
Total Haul Trips	1438													
Hauling	10	157	8	15	0.06	0.74	0.87	0.00	0.00	0.00	10.09	0.01	0.46	10.56
Vendor	0	157	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2026													
Total Haul Trips	2876													
Hauling	10	314	8	15	0.06	0.73	0.87	0.00	0.00	0.00	19.89	0.01	0.91	20.82
Vendor	0	314	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2027													
Total Haul Trips	719													
Hauling	10	78	8	15	0.06	0.73	0.88	0.00	0.00	0.00	4.87	0.00	0.22	5.09
Vendor	0	78	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	78	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2029													
Total Haul Trips	5609													
Hauling	18	314	8	15	0.11	1.31	1.57	0.00	0.00	0.00	33.79	0.02	1.55	35.36
Vendor	0	314	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2030													
Total Haul Trips	5714													
Hauling	19	313	8	15	0.11	1.37	1.66	0.00	0.00	0.00	34.79	0.02	1.59	36.41
Vendor	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2031													
Total Haul Trips	2857													
Hauling	19	156	8	15	0.11	1.37	1.66	0.00	0.00	0.00	17.06	0.01	0.78	17.85
Vendor	0	156	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	156	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2021													
Total Haul Trips	28251													
Hauling	180	157	8	15	1.07	14.74	13.91	0.03	0.02	0.02	191.62	0.11	8.77	200.50
Vendor	0	157	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2022													
Total Haul Trips	56502													
Hauling	181	313	8	15	1.07	14.69	14.74	0.03	0.01	0.01	389.69	0.22	17.84	407.75
Vendor	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2023													
Total Haul Trips	56502													
Hauling	181	313	8	15	1.06	13.47	15.71	0.02	0.01	0.01	374.58	0.22	17.15	391.95
Vendor	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2024													
Total Haul Trips	28251													

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Hauling	180	157	8	15	1.06	13.31	15.63	0.02	0.01	0.01	184.37	0.11	8.44	192.92
Vendor	0	157	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2025													
Total Haul Trips	10567													
Hauling	68	157	8	15	0.40	5.01	5.92	0.01	0.00	0.00	68.64	0.04	3.14	71.83
Vendor	0	157	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2026													
Total Haul Trips	21134													
Hauling	68	314	8	15	0.40	4.99	5.93	0.01	0.00	0.00	135.28	0.08	6.19	141.56
Vendor	0	314	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2027													
Total Haul Trips	5283													
Hauling	68	78	8	15	0.40	4.99	5.95	0.01	0.00	0.00	33.11	0.02	1.52	34.64
Vendor	0	78	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	78	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2029													
Total Haul Trips	27459													
Hauling	88	314	8	15	0.52	6.38	7.69	0.01	0.00	0.00	165.20	0.11	7.56	172.87
Vendor	0	314	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2030													
Total Haul Trips	27899													
Hauling	393	71	8	15	2.30	28.34	34.25	0.05	0.01	0.01	163.24	0.11	7.47	170.82
Vendor	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	71	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2031													
Total Haul Trips	13949													
Hauling	85	165	8	15	0.50	6.12	7.42	0.01	0.00	0.00	80.73	0.05	3.70	84.48
Vendor	0	165	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	165	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Site Preparation	2027													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	90	65	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	171	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	171	8	15	0.62	7.97	9.44	0.01	0.00	0.00	115.85	0.08	5.27	121.20
Worker	518	171	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Building Construction	2028													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	313	8	15	0.62	7.95	9.48	0.01	0.00	0.00	208.70	0.14	9.50	218.34
Worker	518	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	169	8	15	0.62	7.86	9.43	0.01	0.00	0.00	109.76	0.08	5.00	114.83
Worker	518	169	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Paving	2029													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A2- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	104	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1- Site Preparation	2026													
Total Haul Trips	0													
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	88	63	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
B1 - Building Construction	2026													
Total Haul Trips	0													
Hauling	0	66	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	66	8	15	0.40	5.15	6.06	0.01	0.00	0.00	29.22	0.02	1.33	30.57
Worker	334	66	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1 - Building Construction	2027													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	313	8	15	0.40	5.13	6.08	0.01	0.00	0.00	136.47	0.09	6.21	142.78
Worker	334	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1 - Building Construction	2028													
Total Haul Trips	0													
Hauling	0	252	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	252	8	15	0.40	5.12	6.10	0.01	0.00	0.00	108.13	0.07	4.92	113.13
Worker	334	252	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1 - Paving	2029													
Total Haul Trips	0													
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	12	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1 - Paving	2028													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	67	47	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	115	65	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	39	8	15	0.39	4.98	5.98	0.01	0.00	0.00	16.05	0.01	0.73	16.79
Worker	859	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	313	8	15	0.39	4.94	5.97	0.01	0.00	0.00	126.10	0.09	5.74	131.93
Worker	859	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	299	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	299	8	15	0.39	4.93	5.98	0.01	0.00	0.00	118.53	0.09	5.39	124.01
Worker	859	299	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Paving	2031													
Total Haul Trips	0													
Hauling	0	29	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	29	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	29	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Paving	2032													
Total Haul Trips	0													
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	20	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	172	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Site Preparation	2029													
Total Haul Trips	0													

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	100	65	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	170	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	170	8	15	0.34	4.32	5.18	0.01	0.00	0.00	60.67	0.04	2.76	63.47
Worker	286	170	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	313	8	15	0.34	4.29	5.18	0.01	0.00	0.00	109.35	0.08	4.98	114.41
Worker	286	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	169	8	15	0.34	4.28	5.19	0.01	0.00	0.00	58.10	0.04	2.64	60.78
Worker	286	169	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Paving	2031													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	57	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Site Preparation	2030													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	35	53	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	237	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	237	8	15	0.09	1.12	1.35	0.00	0.00	0.00	21.63	0.02	0.98	22.63
Worker	150	237	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	289	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	289	8	15	0.09	1.12	1.36	0.00	0.00	0.00	25.96	0.02	1.18	27.16
Worker	150	289	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Paving	2031													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	30	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1-Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	33	53	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	260	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	260	8	15	0.17	2.18	2.62	0.00	0.00	0.00	46.81	0.03	2.13	48.97
Worker	366	260	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
D1- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	267	8	15	0.17	2.16	2.61	0.00	0.00	0.00	47.06	0.03	2.14	49.24
Worker	366	267	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1- Paving	2030													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1- Architectural Coating	2030													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	8	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	31	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	31	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	31	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	57	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	183	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	183	8	15	0.38	4.79	5.74	0.01	0.00	0.00	72.37	0.05	3.29	75.71
Worker	315	183	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	313	8	15	0.38	4.75	5.74	0.01	0.00	0.00	121.17	0.09	5.51	126.77
Worker	315	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	72	8	15	0.38	4.74	5.75	0.01	0.00	0.00	27.43	0.02	1.25	28.70
Worker	315	72	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Paving	2031													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	43	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	63	43	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	57	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Building Constructic	2023													
Total Haul Trips	0													
Hauling	0	22	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	22	8	15	0.03	0.36	0.42	0.00	0.00	0.00	0.70	0.00	0.03	0.74
Worker	24	22	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Building Constructic	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	15	0.03	0.36	0.42	0.00	0.00	0.00	9.88	0.01	0.45	10.34
Worker	24	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Building Constructic	2025													
Total Haul Trips	0													

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Hauling	0	234	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	234	8	15	0.03	0.36	0.42	0.00	0.00	0.00	7.28	0.00	0.33	7.62
Worker	24	234	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Paving	2025													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	43	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Architectural Coatir	2025													
Total Haul Trips	0													
Hauling	0	37	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	37	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	37	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Architectural Coatir	2026													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	59	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	99	8	15	0.29	3.82	4.46	0.01	0.00	0.00	32.85	0.02	1.50	34.37
Worker	245	99	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	313	8	15	0.30	3.80	4.47	0.01	0.00	0.00	102.32	0.07	4.66	107.05
Worker	245	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	178	8	15	0.30	3.79	4.49	0.01	0.00	0.00	57.31	0.04	2.61	59.96
Worker	245	178	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Paving	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	49	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	111	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	111	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	43	111	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Building Construct	2023													
Total Haul Trips	0													
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	72	8	15	0.03	0.36	0.42	0.00	0.00	0.00	2.30	0.00	0.10	2.41
Worker	24	72	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Building Construct	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	15	0.03	0.36	0.42	0.00	0.00	0.00	9.88	0.01	0.45	10.34
Worker	24	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Building Construct	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	15	0.03	0.36	0.42	0.00	0.00	0.00	9.74	0.01	0.44	10.19
Worker	24	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
D8-D13- Building Construct	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	15	0.03	0.36	0.42	0.00	0.00	0.00	9.59	0.01	0.44	10.04
Worker	24	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Building Construct	2027													
Total Haul Trips	0													
Hauling	0	101	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	101	8	15	0.03	0.36	0.42	0.00	0.00	0.00	3.05	0.00	0.14	3.19
Worker	24	101	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Paving	2027													
Total Haul Trips	0													
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	83	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Architectural Coat	2027													
Total Haul Trips	0													
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	83	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	267	8	15	0.30	3.93	4.54	0.01	0.00	0.00	91.79	0.06	4.18	96.03
Worker	630	267	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	197	8	15	0.30	3.90	4.55	0.01	0.00	0.00	66.73	0.04	3.04	69.81
Worker	630	197	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Paving	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	126	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	75	59	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	20	8	15	0.57	7.44	8.52	0.01	0.00	0.00	13.09	0.01	0.60	13.69
Worker	470	20	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	313	8	15	0.56	7.38	8.53	0.01	0.00	0.00	202.03	0.13	9.20	211.36
Worker	470	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	257	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	257	8	15	0.57	7.32	8.55	0.01	0.00	0.00	163.45	0.11	7.44	170.99
Worker	470	257	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Paving	2025													
Total Haul Trips	0													

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	12	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	32	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	110	61	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Building Constructio	2024													
Total Haul Trips	0													
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	122	8	15	0.95	12.35	14.28	0.02	0.01	0.01	131.82	0.08	6.00	137.90
Worker	790	122	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Building Constructio	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	313	8	15	0.95	12.26	14.31	0.02	0.01	0.01	333.21	0.22	15.17	348.59
Worker	790	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Building Constructio	2026													
Total Haul Trips	0													
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	175	8	15	0.95	12.20	14.35	0.02	0.01	0.01	183.54	0.12	8.35	192.02
Worker	790	175	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Paving	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	50	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Architectural Coatin	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	158	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	53	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	210	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	210	8	15	0.45	5.89	6.87	0.01	0.00	0.00	107.42	0.07	4.89	112.38
Worker	379	210	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	15	0.46	5.86	6.89	0.01	0.00	0.00	157.75	0.10	7.18	165.03
Worker	379	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	4	8	15	0.46	5.84	6.92	0.01	0.00	0.00	1.99	0.00	0.09	2.08
Worker	379	4	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Paving	2027													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
F3- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	61	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	122	8	15	0.18	2.40	2.78	0.00	0.00	0.00	25.68	0.02	1.17	26.86
Worker	311	122	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	313	8	15	0.18	2.39	2.79	0.00	0.00	0.00	64.91	0.04	2.95	67.91
Worker	311	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	175	8	15	0.18	2.38	2.80	0.00	0.00	0.00	35.76	0.02	1.63	37.41
Worker	311	175	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Paving	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Site Preparation	2022													
Total Haul Trips	0													
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Building Construction	2022													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	8	8	15	0.04	0.63	0.61	0.00	0.00	0.00	0.41	0.00	0.02	0.43
Worker	37	8	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	15	0.04	0.57	0.65	0.00	0.00	0.00	15.59	0.01	0.71	16.30
Worker	37	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	15	0.04	0.56	0.65	0.00	0.00	0.00	15.37	0.01	0.70	16.08
Worker	37	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	81	8	15	0.04	0.56	0.65	0.00	0.00	0.00	3.92	0.00	0.18	4.10
Worker	37	81	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Paving	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Architectural Coating	2025													
Total Haul Trips	0													

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	7	54	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Site Preparation	2022													
Total Haul Trips	0													
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Building Construction	2022													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	8	8	15	0.12	1.79	1.74	0.00	0.00	0.00	1.18	0.00	0.05	1.24
Worker	257	8	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	15	0.12	1.62	1.85	0.00	0.00	0.00	44.53	0.03	2.03	46.59
Worker	257	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	15	0.12	1.60	1.85	0.00	0.00	0.00	43.92	0.03	2.00	45.95
Worker	257	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	81	8	15	0.12	1.59	1.86	0.00	0.00	0.00	11.20	0.01	0.51	11.72
Worker	257	81	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Paving	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	51	54	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	225	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	225	8	15	0.45	5.89	6.87	0.01	0.00	0.00	115.10	0.07	5.24	120.41
Worker	379	225	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	15	0.46	5.86	6.89	0.01	0.00	0.00	157.75	0.10	7.18	165.03
Worker	379	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	50	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	50	8	15	0.46	5.84	6.92	0.01	0.00	0.00	24.82	0.02	1.13	25.97
Worker	379	50	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Paving	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
H1- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	99	8	15	0.14	1.88	2.18	0.00	0.00	0.00	16.32	0.01	0.74	17.08
Worker	312	99	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	313	8	15	0.14	1.87	2.18	0.00	0.00	0.00	50.85	0.03	2.31	53.19
Worker	312	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	178	8	15	0.14	1.86	2.19	0.00	0.00	0.00	28.49	0.02	1.30	29.80
Worker	312	178	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Paving	2026													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	51	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	263	8	15	0.11	1.44	1.73	0.00	0.00	0.00	31.29	0.02	1.42	32.73
Worker	241	263	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	242	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	242	8	15	0.11	1.43	1.73	0.00	0.00	0.00	28.18	0.02	1.28	29.48
Worker	241	242	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Paving	2030													
Total Haul Trips	0													
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	38	8	15	0.11	1.43	1.73	0.00	0.00	0.00	4.43	0.00	0.20	4.63
Worker	241	38	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Architectural Coating	2030													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	32	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	80	63	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Building Construction	2025													
Total Haul Trips	0													

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Hauling	0	105	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	105	8	15	0.42	5.49	6.41	0.01	0.00	0.00	50.08	0.03	2.28	52.40
Worker	865	105	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	313	8	15	0.42	5.46	6.43	0.01	0.00	0.00	147.09	0.10	6.70	153.88
Worker	865	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	214	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	214	8	15	0.43	5.44	6.45	0.01	0.00	0.00	99.05	0.07	4.51	103.62
Worker	865	214	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Paving	2027													
Total Haul Trips	0													
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	47	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	42	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	42	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	42	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Architectural Coating	2028													
Total Haul Trips	0													
Hauling	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	5	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Site Preparation	2027													
Total Haul Trips	0													
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	51	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	263	8	15	0.20	2.56	3.04	0.00	0.00	0.00	57.34	0.04	2.61	59.98
Worker	425	263	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Building Construction	2028													
Total Haul Trips	0													
Hauling	0	243	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	243	8	15	0.20	2.56	3.05	0.00	0.00	0.00	52.14	0.04	2.37	54.54
Worker	425	243	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Paving	2028													
Total Haul Trips	0													
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	38	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Architectural Coating	2028													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	32	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	53	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Building Constructi	2024													
Total Haul Trips	0													
Hauling	0	26	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	26	8	15	0.01	0.12	0.14	0.00	0.00	0.00	0.27	0.00	0.01	0.29
Worker	7	26	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
150 SM Building Constructi	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	313	8	15	0.01	0.12	0.14	0.00	0.00	0.00	3.25	0.00	0.15	3.40
Worker	7	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Building Constructi	2026													
Total Haul Trips	0													
Hauling	0	188	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	188	8	15	0.01	0.12	0.14	0.00	0.00	0.00	1.92	0.00	0.09	2.01
Worker	7	188	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Paving	2026													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Architectural Coati	2026													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Building Constructio	2024													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	267	8	15	0.01	0.08	0.09	0.00	0.00	0.00	1.87	0.00	0.09	1.96
Worker	5	267	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Building Constructio	2025													
Total Haul Trips	0													
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	197	8	15	0.01	0.08	0.09	0.00	0.00	0.00	1.36	0.00	0.06	1.42
Worker	5	197	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Paving	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Architectural Coatin	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-1 Paving	2025													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-2 Paving	2025													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-3 Paving	2025													
Total Haul Trips	0													
Hauling	0	24	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	24	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	24	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-4 Paving	2025													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-4 Paving	2025													
Total Haul Trips	0													

Downtown West San Jose Mixed Use Development
Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)			
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	
2021	Hauling	0.18037767	2.47693289	2.33750294	0.00420887	0.0035565	0.00340265	452.030698	0.01038209	0.07135768	
2021	Vendor	0.09488808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414	
2021	Worker	0	0	0	0	0	0	0	0	0	
2022	Hauling	0.17807397	2.454111073	2.46317894	0.00427034	0.00139434	0.00133402	458.569936	0.01028573	0.0723871	
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526	
2022	Worker	0	0	0	0	0	0	0	0	0	
2023	Hauling	0.17747453	2.250043933	2.62409185	0.00410199	0.00110489	0.00105709	440.794534	0.01027488	0.06959508	
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157	
2023	Worker	0	0	0	0	0	0	0	0	0	
2024	Hauling	0.17738188	2.23575392	2.62587159	0.00404741	0.0010708	0.00102447	434.931234	0.0102526	0.06866946	
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068	
2024	Worker	0	0	0	0	0	0	0	0	0	
2025	Hauling	0.17749973	2.226283383	2.63055878	0.00398856	0.00104224	0.00099716	428.653379	0.01025429	0.06768042	
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827	
2025	Worker	0	0	0	0	0	0	0	0	0	
2026	Hauling	0.17778009	2.220383258	2.63784524	0.00392968	0.00101202	0.00096824	422.38811	0.01027139	0.06669402	
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338	
2026	Worker	0	0	0	0	0	0	0	0	0	
2027	Hauling	0.17821322	2.217257203	2.64685135	0.00387099	0.00098684	0.00094415	416.105616	0.01028754	0.06570323	
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649	
2027	Worker	0	0	0	0	0	0	0	0	0	
2028	Hauling	0.17867237	2.215736234	2.65637052	0.00380936	0.00095984	0.00091832	409.522415	0.01031137	0.06466569	
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906	230.218692
2028	Worker	0	0	0	0	0	0	0	0	0	
2029	Hauling	0.17750291	2.193326618	2.64108896	0.00370785	0.00092615	0.00088609	398.580616	0.01021493	0.06293658	
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726	
2029	Worker	0	0	0	0	0	0	0	0	0	
2030	Hauling	0.17701075	2.18041637	2.63561712	0.00362855	0.0008999	0.00086097	390.022902	0.01016163	0.06158376	
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511	
2030	Worker	0	0	0	0	0	0	0	0	0	
2031	Hauling	0.17724869	2.177380524	2.64102421	0.00357024	0.00087803	0.00084005	383.725139	0.0101554	0.06058797	
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447	
2031	Worker	0	0	0	0	0	0	0	0	0	
2032	Hauling	0.17782466	2.178709783	2.65094421	0.00352235	0.0008666	0.00082911	378.557007	0.01017251	0.05977099	
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618	
2032	Worker	0	0	0	0	0	0	0	0	0	
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290	

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day)						Regional Emissions (MT/year)			
					ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 1- Demolition only	2021													
Total Haul Trips	975													
Hauling	4	313	8	15	0.02	0.33	0.31	0.00	0.00	0.00	8.49	0.00	0.39	8.88
Vendor	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 1- Demolition only	2022													
Total Haul Trips	244													
Hauling	4	78	8	15	0.02	0.32	0.33	0.00	0.00	0.00	2.15	0.00	0.10	2.25
Vendor	0	78	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	78	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2- Demolition only	2025													
Total Haul Trips	1910													
Hauling	9	235	8	15	0.05	0.66	0.78	0.00	0.00	0.00	13.60	0.01	0.62	14.23
Vendor	0	235	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	235	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3- Demolition only	2027													
Total Haul Trips	166													
Hauling	2	104	8	15	0.01	0.15	0.18	0.00	0.00	0.00	1.30	0.00	0.06	1.36
Vendor	0	104	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	104	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3- Demolition only	2028													
Total Haul Trips	80													
Hauling	2	50	8	15	0.01	0.15	0.18	0.00	0.00	0.00	0.61	0.00	0.03	0.64
Vendor	0	50	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	50	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West San Fernando Bridge- Demolition and Ped Bridge	2022													
Total Haul Trips	500													
Hauling	5	105	8	15	0.03	0.41	0.41	0.00	0.00	0.00	3.61	0.00	0.17	3.78
Vendor	0	105	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	44	105	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West San Fernando Bridge- Abutment/Bent Construction	2023													
Total Haul Trips	333													
Hauling	4	105	8	15	0.02	0.30	0.35	0.00	0.00	0.00	2.78	0.00	0.13	2.91
Vendor	0	105	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	105	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West San Fernando Bridge- Superstructure	2023													
Total Haul Trips	0													
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	15	0.00	0.04	0.05	0.00	0.00	0.00	0.27	0.00	0.01	0.29
Worker	20	77	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West San Fernando Bridge- Superstructure	2024													
Total Haul Trips	0													
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	15	0.00	0.04	0.05	0.00	0.00	0.00	0.27	0.00	0.01	0.28
Worker	20	77	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Start Emissions

Downtown West San Jose Mixed Use Development
Start Emissions

		Start Emissions Factor (grams/trip)						Start Emissions Factor (grams/trip)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling		1.857963365							
2021Vendor	Vendor		1.513919235							
2021Worker	Worker		0.249278292							
2022Hauling	Hauling		2.046637573							
2022Vendor	Vendor		1.713410035							
2022Worker	Worker		0.230151374							
2023Hauling	Hauling		2.321334599							
2023Vendor	Vendor		2.008930245							
2023Worker	Worker		0.213249572							
2024Hauling	Hauling		2.321261226							
2024Vendor	Vendor		2.010106076							
2024Worker	Worker		0.198266535							
2025Hauling	Hauling		2.321621186							
2025Vendor	Vendor		2.010563219							
2025Worker	Worker		0.184904645							
2026Hauling	Hauling		2.32114605							
2026Vendor	Vendor		2.009806516							
2026Worker	Worker		0.173508745							
2027Hauling	Hauling		2.32127681							
2027Vendor	Vendor		2.009529656							
2027Worker	Worker		0.163376523							
2028Hauling	Hauling		2.322093758							
2028Vendor	Vendor		2.008627749							
2028Worker	Worker		0.155591738							
2029Hauling	Hauling		2.316911992							
2029Vendor	Vendor		2.004531892							
2029Worker	Worker		0.148538699							
2030Hauling	Hauling		2.314548745							
2030Vendor	Vendor		2.001882266							
2030Worker	Worker		0.142481554							
2031Hauling	Hauling		2.310618694							
2031Vendor	Vendor		1.997558591							
2031Worker	Worker		0.13727629							
2032Hauling	Hauling		2.306891739							
2032Vendor	Vendor		1.992717366							
2032Worker	Worker		0.132963043							
GWP			N/A							

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Excavation - Class I Haz	2021													
Total Haul Trips	2957													
Hauling	19	157	8	170		0.08								
Vendor	0	157	8	6.9		0.00								
Worker	123	157	8	14.7		0.07								
Excavation - Class I Haz	2022													
Total Haul Trips	5914													
Hauling	19	313	8	170		0.09								
Vendor	0	313	8	6.9		0.00								
Worker	123	313	8	14.7		0.06								
Excavation - Class I Haz	2023													
Total Haul Trips	5914													
Hauling	19	313	8	170		0.10								
Vendor	0	313	8	6.9		0.00								
Worker	123	313	8	14.7		0.06								
Excavation - Class I Haz	2024													
Total Haul Trips	2957													
Hauling	19	157	8	170		0.10								
Vendor	0	157	8	6.9		0.00								
Worker	123	157	8	14.7		0.05								
Excavation - Class I Haz	2025													
Total Haul Trips	1438													
Hauling	10	157	8	170		0.05								
Vendor	0	157	8	6.9		0.00								
Worker	123	157	8	14.7		0.05								
Excavation - Class I Haz	2026													
Total Haul Trips	2876													
Hauling	10	314	8	170		0.05								
Vendor	0	314	8	6.9		0.00								
Worker	123	314	8	14.7		0.05								
Excavation - Class I Haz	2027													
Total Haul Trips	719													
Hauling	10	78	8	170		0.05								
Vendor	0	78	8	6.9		0.00								
Worker	123	78	8	14.7		0.04								
Excavation - Class I Haz	2029													
Total Haul Trips	5609													
Hauling	18	314	8	170		0.09								
Vendor	0	314	8	6.9		0.00								
Worker	123	314	8	14.7		0.04								
Excavation - Class I Haz	2030													
Total Haul Trips	5714													
Hauling	19	313	8	170		0.10								
Vendor	0	313	8	6.9		0.00								
Worker	123	313	8	14.7		0.04								

Excavation - Class I Haz	2031				
Total Haul Trips	2857				
Hauling	19	156	8	170	0.10
Vendor	0	156	8	6.9	0.00
Worker	123	156	8	14.7	0.04
Excavation - Class II Non-Ha	2021				
Total Haul Trips	28251				
Hauling	180	157	8	15	0.74
Vendor	0	157	8	6.9	0.00
Worker	0	157	8	14.7	0.00
Excavation - Class II Non-Ha	2022				
Total Haul Trips	56502				
Hauling	181	313	8	15	0.82
Vendor	0	313	8	6.9	0.00
Worker	0	313	8	14.7	0.00
Excavation - Class II Non-Ha	2023				
Total Haul Trips	56502				
Hauling	181	313	8	15	0.93
Vendor	0	313	8	6.9	0.00
Worker	0	313	8	14.7	0.00
Excavation - Class II Non-Ha	2024				
Total Haul Trips	28251				
Hauling	180	157	8	15	0.92
Vendor	0	157	8	6.9	0.00
Worker	0	157	8	14.7	0.00
Excavation - Class II Non-Ha	2025				
Total Haul Trips	10567				
Hauling	68	157	8	15	0.35
Vendor	0	157	8	6.9	0.00
Worker	0	157	8	14.7	0.00
Excavation - Class II Non-Ha	2026				
Total Haul Trips	21134				
Hauling	68	314	8	15	0.35
Vendor	0	314	8	6.9	0.00
Worker	0	314	8	14.7	0.00
Excavation - Class II Non-Ha	2027				
Total Haul Trips	5283				
Hauling	68	78	8	15	0.35
Vendor	0	78	8	6.9	0.00
Worker	0	78	8	14.7	0.00
Excavation - Class II Non-Ha	2029				
Total Haul Trips	27459				
Hauling	88	314	8	15	0.45
Vendor	0	314	8	6.9	0.00
Worker	0	314	8	14.7	0.00
Excavation - Class II Non-Ha	2030				
Total Haul Trips	27899				
Hauling	393	71	8	15	2.01
Vendor	0	71	8	6.9	0.00
Worker	0	71	8	14.7	0.00
Excavation - Class II Non-Ha	2031				
Total Haul Trips	13949				
Hauling	85	165	8	15	0.43
Vendor	0	165	8	6.9	0.00
Worker	0	165	8	14.7	0.00
A1- Site Preparation	2027				
Total Haul Trips	0				
Hauling	0	65	8	15	0.00
Vendor	0	65	8	6.9	0.00
Worker	90	65	8	14.7	0.03
A1- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	171	8	15	0.00
Vendor	202	171	8	6.9	0.89
Worker	518	171	8	14.7	0.19
A1- Building Construction	2028				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	202	313	8	6.9	0.89
Worker	518	313	8	14.7	0.18
A1- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	169	8	15	0.00
Vendor	202	169	8	6.9	0.89
Worker	518	169	8	14.7	0.17
A1- Paving	2029				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00
Vendor	0	49	8	6.9	0.00
Worker	38	49	8	14.7	0.01
A2- Architectural Coating	2029				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00
Vendor	0	49	8	6.9	0.00
Worker	104	49	8	14.7	0.03
B1- Site Preparation	2026				
Total Haul Trips	0				
Hauling	0	63	8	15	0.00
Vendor	0	63	8	6.9	0.00

Worker	88	63	8	14.7	0.03
B1 - Building Construction	2026				
Total Haul Trips	0				
Hauling	0	66	8	15	0.00
Vendor	130	66	8	6.9	0.58
Worker	334	66	8	14.7	0.13
B1 - Building Construction	2027				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	130	313	8	6.9	0.58
Worker	334	313	8	14.7	0.12
B1 - Building Construction	2028				
Total Haul Trips	0				
Hauling	0	252	8	15	0.00
Vendor	130	252	8	6.9	0.58
Worker	334	252	8	14.7	0.11
B1 - Paving	2029				
Total Haul Trips	0				
Hauling	0	12	8	15	0.00
Vendor	0	12	8	6.9	0.00
Worker	30	12	8	14.7	0.01
B1 - Paving	2028				
Total Haul Trips	0				
Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	30	35	8	14.7	0.01
B1- Architectural Coating	2029				
Total Haul Trips	0				
Hauling	0	47	8	15	0.00
Vendor	0	47	8	6.9	0.00
Worker	67	47	8	14.7	0.02
C1- Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	65	8	15	0.00
Vendor	0	65	8	6.9	0.00
Worker	115	65	8	14.7	0.04
C1- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	128	39	8	6.9	0.57
Worker	859	39	8	14.7	0.28
C1- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	128	313	8	6.9	0.56
Worker	859	313	8	14.7	0.27
C1- Building Construction	2031				
Total Haul Trips	0				
Hauling	0	299	8	15	0.00
Vendor	128	299	8	6.9	0.56
Worker	859	299	8	14.7	0.26
C1- Paving	2031				
Total Haul Trips	0				
Hauling	0	29	8	15	0.00
Vendor	0	29	8	6.9	0.00
Worker	25	29	8	14.7	0.01
C1- Paving	2032				
Total Haul Trips	0				
Hauling	0	20	8	15	0.00
Vendor	0	20	8	6.9	0.00
Worker	25	20	8	14.7	0.01
C1- Architectural Coating	2032				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00
Vendor	0	49	8	6.9	0.00
Worker	172	49	8	14.7	0.05
C2- Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	65	8	15	0.00
Vendor	0	65	8	6.9	0.00
Worker	100	65	8	14.7	0.03
C2- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	170	8	15	0.00
Vendor	111	170	8	6.9	0.49
Worker	286	170	8	14.7	0.09
C2- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	111	313	8	6.9	0.49
Worker	286	313	8	14.7	0.09
C2- Building Construction	2031				
Total Haul Trips	0				
Hauling	0	169	8	15	0.00
Vendor	111	169	8	6.9	0.49
Worker	286	169	8	14.7	0.09
C2- Paving	2031				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00

Vendor	0	49	8	6.9	0.00
Worker	30	49	8	14.7	0.01
C2- Architectural Coating	2032				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00
Vendor	0	49	8	6.9	0.00
Worker	57	49	8	14.7	0.02
C3- Site Preparation	2030				
Total Haul Trips	0				
Hauling	0	53	8	15	0.00
Vendor	0	53	8	6.9	0.00
Worker	35	53	8	14.7	0.01
C3- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	237	8	15	0.00
Vendor	29	237	8	6.9	0.13
Worker	150	237	8	14.7	0.05
C3- Building Construction	2031				
Total Haul Trips	0				
Hauling	0	289	8	15	0.00
Vendor	29	289	8	6.9	0.13
Worker	150	289	8	14.7	0.05
C3- Paving	2031				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	13	39	8	14.7	0.00
C3- Architectural Coating	2031				
Total Haul Trips	0				
Hauling	0	9	8	15	0.00
Vendor	0	9	8	6.9	0.00
Worker	30	9	8	14.7	0.01
C3- Architectural Coating	2032				
Total Haul Trips	0				
Hauling	0	30	8	15	0.00
Vendor	0	30	8	6.9	0.00
Worker	30	30	8	14.7	0.01
D1-Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	53	8	15	0.00
Vendor	0	53	8	6.9	0.00
Worker	33	53	8	14.7	0.01
D1- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	260	8	15	0.00
Vendor	56	260	8	6.9	0.25
Worker	366	260	8	14.7	0.12
D1- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	267	8	15	0.00
Vendor	56	267	8	6.9	0.25
Worker	366	267	8	14.7	0.11
D1- Paving	2030				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	15	39	8	14.7	0.00
D1- Architectural Coating	2030				
Total Haul Trips	0				
Hauling	0	8	8	15	0.00
Vendor	0	8	8	6.9	0.00
Worker	73	8	8	14.7	0.02
D1- Architectural Coating	2031				
Total Haul Trips	0				
Hauling	0	31	8	15	0.00
Vendor	0	31	8	6.9	0.00
Worker	73	31	8	14.7	0.02
D4- Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	57	8	15	0.00
Vendor	0	57	8	6.9	0.00
Worker	68	57	8	14.7	0.02
D4- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	183	8	15	0.00
Vendor	123	183	8	6.9	0.54
Worker	315	183	8	14.7	0.10
D4- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	123	313	8	6.9	0.54
Worker	315	313	8	14.7	0.10
D4- Building Construction	2031				
Total Haul Trips	0				
Hauling	0	72	8	15	0.00
Vendor	123	72	8	6.9	0.54
Worker	315	72	8	14.7	0.10
D4- Paving	2031				
Total Haul Trips	0				

Hauling	0	43	8	15	0.00
Vendor	0	43	8	6.9	0.00
Worker	20	43	8	14.7	0.01
D4- Architectural Coating	2031				
Total Haul Trips	0				
Hauling	0	43	8	15	0.00
Vendor	0	43	8	6.9	0.00
Worker	63	43	8	14.7	0.02
D5-D6- Site Preparation	2023				
Total Haul Trips	0				
Hauling	0	57	8	15	0.00
Vendor	0	57	8	6.9	0.00
Worker	30	57	8	14.7	0.01
D5-D6- Building Constructic	2023				
Total Haul Trips	0				
Hauling	0	22	8	15	0.00
Vendor	9	22	8	6.9	0.04
Worker	24	22	8	14.7	0.01
D5-D6- Building Constructic	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	9	313	8	6.9	0.04
Worker	24	313	8	14.7	0.01
D5-D6- Building Constructic	2025				
Total Haul Trips	0				
Hauling	0	234	8	15	0.00
Vendor	9	234	8	6.9	0.04
Worker	24	234	8	14.7	0.01
D5-D6- Paving	2025				
Total Haul Trips	0				
Hauling	0	43	8	15	0.00
Vendor	0	43	8	6.9	0.00
Worker	15	43	8	14.7	0.01
D5-D6- Architectural Coatin	2025				
Total Haul Trips	0				
Hauling	0	37	8	15	0.00
Vendor	0	37	8	6.9	0.00
Worker	5	37	8	14.7	0.00
D5-D6- Architectural Coatin	2026				
Total Haul Trips	0				
Hauling	0	6	8	15	0.00
Vendor	0	6	8	6.9	0.00
Worker	5	6	8	14.7	0.00
D7- Site Preparation	2025				
Total Haul Trips	0				
Hauling	0	59	8	15	0.00
Vendor	0	59	8	6.9	0.00
Worker	48	59	8	14.7	0.02
D7- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	99	8	15	0.00
Vendor	96	99	8	6.9	0.43
Worker	245	99	8	14.7	0.10
D7- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	96	313	8	6.9	0.43
Worker	245	313	8	14.7	0.09
D7- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	178	8	15	0.00
Vendor	96	178	8	6.9	0.43
Worker	245	178	8	14.7	0.09
D7- Paving	2027				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	15	44	8	14.7	0.01
D7- Architectural Coating	2027				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	49	44	8	14.7	0.02
D8-D13- Site Preparation	2023				
Total Haul Trips	0				
Hauling	0	111	8	15	0.00
Vendor	0	111	8	6.9	0.00
Worker	43	111	8	14.7	0.02
D8-D13- Building Constructi	2023				
Total Haul Trips	0				
Hauling	0	72	8	15	0.00
Vendor	9	72	8	6.9	0.04
Worker	24	72	8	14.7	0.01
D8-D13- Building Constructi	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	9	313	8	6.9	0.04
Worker	24	313	8	14.7	0.01
D8-D13- Building Constructi	2025				

Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	9	313	8	6.9	0.04
Worker	24	313	8	14.7	0.01
D8-D13- Building Construct	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	9	313	8	6.9	0.04
Worker	24	313	8	14.7	0.01
D8-D13- Building Construct	2027				
Total Haul Trips	0				
Hauling	0	101	8	15	0.00
Vendor	9	101	8	6.9	0.04
Worker	24	101	8	14.7	0.01
D8-D13- Paving	2027				
Total Haul Trips	0				
Hauling	0	83	8	15	0.00
Vendor	0	83	8	6.9	0.00
Worker	15	83	8	14.7	0.01
D8-D13- Architectural Coati	2027				
Total Haul Trips	0				
Hauling	0	83	8	15	0.00
Vendor	0	83	8	6.9	0.00
Worker	5	83	8	14.7	0.00
E1.1- Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	68	46	8	14.7	0.03
E1.1- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	267	8	15	0.00
Vendor	98	267	8	6.9	0.43
Worker	630	267	8	14.7	0.28
E1.1- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	197	8	15	0.00
Vendor	98	197	8	6.9	0.43
Worker	630	197	8	14.7	0.26
E1.1- Paving	2025				
Total Haul Trips	0				
Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	20	35	8	14.7	0.01
E1.1- Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	126	35	8	14.7	0.05
E1.2- Site Preparation	2023				
Total Haul Trips	0				
Hauling	0	59	8	15	0.00
Vendor	0	59	8	6.9	0.00
Worker	75	59	8	14.7	0.04
E1.2- Building Construction	2023				
Total Haul Trips	0				
Hauling	0	20	8	15	0.00
Vendor	184	20	8	6.9	0.81
Worker	470	20	8	14.7	0.22
E1.2- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	184	313	8	6.9	0.82
Worker	470	313	8	14.7	0.21
E1.2- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	257	8	15	0.00
Vendor	184	257	8	6.9	0.82
Worker	470	257	8	14.7	0.19
E1.2- Paving	2025				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	38	44	8	14.7	0.02
E1.2- Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	12	8	15	0.00
Vendor	0	12	8	6.9	0.00
Worker	94	12	8	14.7	0.04
E1.2- Architectural Coating	2026				
Total Haul Trips	0				
Hauling	0	32	8	15	0.00
Vendor	0	32	8	6.9	0.00
Worker	94	32	8	14.7	0.04
F1-F2- Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	61	8	15	0.00
Vendor	0	61	8	6.9	0.00
Worker	110	61	8	14.7	0.05

F1-F2- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	122	8	15	0.00
Vendor	308	122	8	6.9	1.36
Worker	790	122	8	14.7	0.35
F1-F2- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	308	313	8	6.9	1.37
Worker	790	313	8	14.7	0.32
F1-F2- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	175	8	15	0.00
Vendor	308	175	8	6.9	1.36
Worker	790	175	8	14.7	0.30
F1-F2- Paving	2026				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	50	46	8	14.7	0.02
F1-F2- Architectural Coating	2026				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	158	46	8	14.7	0.06
F3- Site Preparation	2025				
Total Haul Trips	0				
Hauling	0	53	8	15	0.00
Vendor	0	53	8	6.9	0.00
Worker	30	53	8	14.7	0.01
F3- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	210	8	15	0.00
Vendor	148	210	8	6.9	0.66
Worker	379	210	8	14.7	0.15
F3- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	148	313	8	6.9	0.66
Worker	379	313	8	14.7	0.14
F3- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	4	8	15	0.00
Vendor	148	4	8	6.9	0.66
Worker	379	4	8	14.7	0.14
F3- Paving	2027				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	15	39	8	14.7	0.01
F3- Architectural Coating	2027				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	76	39	8	14.7	0.03
F4- Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	61	8	15	0.00
Vendor	0	61	8	6.9	0.00
Worker	38	61	8	14.7	0.02
F4- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	122	8	15	0.00
Vendor	60	122	8	6.9	0.27
Worker	311	122	8	14.7	0.14
F4- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	60	313	8	6.9	0.27
Worker	311	313	8	14.7	0.13
F4- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	175	8	15	0.00
Vendor	60	175	8	6.9	0.27
Worker	311	175	8	14.7	0.12
F4- Paving	2026				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	15	46	8	14.7	0.01
F4- Architectural Coating	2026				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	62	46	8	14.7	0.02
F5- Site Preparation	2022				
Total Haul Trips	0				
Hauling	0	71	8	15	0.00
Vendor	0	71	8	6.9	0.00
Worker	30	71	8	14.7	0.02

F5- Building Construction	2022				
Total Haul Trips	0				
Hauling	0	8	8	15	0.00
Vendor	14	8	8	6.9	0.05
Worker	37	8	8	14.7	0.02
F5- Building Construction	2023				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	14	313	8	6.9	0.06
Worker	37	313	8	14.7	0.02
F5- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	14	313	8	6.9	0.06
Worker	37	313	8	14.7	0.02
F5- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	81	8	15	0.00
Vendor	14	81	8	6.9	0.06
Worker	37	81	8	14.7	0.02
F5- Paving	2025				
Total Haul Trips	0				
Hauling	0	54	8	15	0.00
Vendor	0	54	8	6.9	0.00
Worker	15	54	8	14.7	0.01
F5- Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	54	8	15	0.00
Vendor	0	54	8	6.9	0.00
Worker	7	54	8	14.7	0.00
F6- Site Preparation	2022				
Total Haul Trips	0				
Hauling	0	71	8	15	0.00
Vendor	0	71	8	6.9	0.00
Worker	30	71	8	14.7	0.02
F6- Building Construction	2022				
Total Haul Trips	0				
Hauling	0	8	8	15	0.00
Vendor	40	8	8	6.9	0.15
Worker	257	8	8	14.7	0.13
F6- Building Construction	2023				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	40	313	8	6.9	0.18
Worker	257	313	8	14.7	0.12
F6- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	40	313	8	6.9	0.18
Worker	257	313	8	14.7	0.11
F6- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	81	8	15	0.00
Vendor	40	81	8	6.9	0.18
Worker	257	81	8	14.7	0.10
F6- Paving	2025				
Total Haul Trips	0				
Hauling	0	54	8	15	0.00
Vendor	0	54	8	6.9	0.00
Worker	15	54	8	14.7	0.01
F6- Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	54	8	15	0.00
Vendor	0	54	8	6.9	0.00
Worker	51	54	8	14.7	0.02
G1- Site Preparation	2025				
Total Haul Trips	0				
Hauling	0	59	8	15	0.00
Vendor	0	59	8	6.9	0.00
Worker	38	59	8	14.7	0.02
G1- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	225	8	15	0.00
Vendor	148	225	8	6.9	0.66
Worker	379	225	8	14.7	0.15
G1- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	148	313	8	6.9	0.66
Worker	379	313	8	14.7	0.14
G1- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	50	8	15	0.00
Vendor	148	50	8	6.9	0.66
Worker	379	50	8	14.7	0.14
G1- Paving	2027				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00

Worker	15	44	8	14.7	0.01
G1- Architectural Coating	2027				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	76	44	8	14.7	0.03
H1- Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	59	8	15	0.00
Vendor	0	59	8	6.9	0.00
Worker	38	59	8	14.7	0.02
H1- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	99	8	15	0.00
Vendor	47	99	8	6.9	0.21
Worker	312	99	8	14.7	0.14
H1- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	47	313	8	6.9	0.21
Worker	312	313	8	14.7	0.13
H1- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	178	8	15	0.00
Vendor	47	178	8	6.9	0.21
Worker	312	178	8	14.7	0.12
H1- Paving	2026				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	15	44	8	14.7	0.01
H1- Architectural Coating	2026				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	62	44	8	14.7	0.02
H2- Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	51	8	15	0.00
Vendor	0	51	8	6.9	0.00
Worker	30	51	8	14.7	0.01
H2- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	263	8	15	0.00
Vendor	37	263	8	6.9	0.16
Worker	241	263	8	14.7	0.08
H2- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	242	8	15	0.00
Vendor	37	242	8	6.9	0.16
Worker	241	242	8	14.7	0.08
H2- Paving	2030				
Total Haul Trips	0				
Hauling	0	38	8	15	0.00
Vendor	37	38	8	6.9	0.16
Worker	241	38	8	14.7	0.08
H2- Architectural Coating	2030				
Total Haul Trips	0				
Hauling	0	32	8	15	0.00
Vendor	0	32	8	6.9	0.00
Worker	15	32	8	14.7	0.00
H2- Architectural Coating	2031				
Total Haul Trips	0				
Hauling	0	6	8	15	0.00
Vendor	0	6	8	6.9	0.00
Worker	48	6	8	14.7	0.01
H3- Site Preparation	2025				
Total Haul Trips	0				
Hauling	0	63	8	15	0.00
Vendor	0	63	8	6.9	0.00
Worker	80	63	8	14.7	0.03
H3- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	105	8	15	0.00
Vendor	138	105	8	6.9	0.61
Worker	865	105	8	14.7	0.35
H3- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	138	313	8	6.9	0.61
Worker	865	313	8	14.7	0.33
H3- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	214	8	15	0.00
Vendor	138	214	8	6.9	0.61
Worker	865	214	8	14.7	0.31
H3- Paving	2027				
Total Haul Trips	0				
Hauling	0	47	8	15	0.00

Vendor	0	47	8	6.9	0.00
Worker	25	47	8	14.7	0.01
H3- Architectural Coating	2027				
Total Haul Trips	0				
Hauling	0	42	8	15	0.00
Vendor	0	42	8	6.9	0.00
Worker	173	42	8	14.7	0.06
H3- Architectural Coating	2028				
Total Haul Trips	0				
Hauling	0	5	8	15	0.00
Vendor	0	5	8	6.9	0.00
Worker	173	5	8	14.7	0.06
H4- Site Preparation	2027				
Total Haul Trips	0				
Hauling	0	51	8	15	0.00
Vendor	0	51	8	6.9	0.00
Worker	38	51	8	14.7	0.01
H4- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	263	8	15	0.00
Vendor	65	263	8	6.9	0.29
Worker	425	263	8	14.7	0.15
H4- Building Construction	2028				
Total Haul Trips	0				
Hauling	0	243	8	15	0.00
Vendor	65	243	8	6.9	0.29
Worker	425	243	8	14.7	0.15
H4- Paving	2028				
Total Haul Trips	0				
Hauling	0	38	8	15	0.00
Vendor	0	38	8	6.9	0.00
Worker	15	38	8	14.7	0.01
H4- Architectural Coating	2028				
Total Haul Trips	0				
Hauling	0	6	8	15	0.00
Vendor	0	6	8	6.9	0.00
Worker	85	6	8	14.7	0.03
H4- Architectural Coating	2029				
Total Haul Trips	0				
Hauling	0	32	8	15	0.00
Vendor	0	32	8	6.9	0.00
Worker	85	32	8	14.7	0.03
150 SM Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	53	8	15	0.00
Vendor	0	53	8	6.9	0.00
Worker	28	53	8	14.7	0.01
150 SM Building Constructio	2024				
Total Haul Trips	0				
Hauling	0	26	8	15	0.00
Vendor	3	26	8	6.9	0.01
Worker	7	26	8	14.7	0.00
150 SM Building Constructio	2025				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	3	313	8	6.9	0.01
Worker	7	313	8	14.7	0.00
150 SM Building Constructio	2026				
Total Haul Trips	0				
Hauling	0	188	8	15	0.00
Vendor	3	188	8	6.9	0.01
Worker	7	188	8	14.7	0.00
150 SM Paving	2026				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	15	39	8	14.7	0.01
150 SM Architectural Coatir	2026				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	1	39	8	14.7	0.00
40 SM Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	28	46	8	14.7	0.01
40 SM Building Constructio	2024				
Total Haul Trips	0				
Hauling	0	267	8	15	0.00
Vendor	2	267	8	6.9	0.01
Worker	5	267	8	14.7	0.00
40 SM Building Constructio	2025				
Total Haul Trips	0				
Hauling	0	197	8	15	0.00
Vendor	2	197	8	6.9	0.01
Worker	5	197	8	14.7	0.00
40 SM Paving	2025				
Total Haul Trips	0				

Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	15	35	8	14.7	0.01
40 SM Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	1	35	8	14.7	0.00
LTA B1-1 Paving	2025				
Total Haul Trips	0				
Hauling	0	4	8	15	0.00
Vendor	0	4	8	6.9	0.00
Worker	10	4	8	14.7	0.00
LTA B1-2 Paving	2025				
Total Haul Trips	0				
Hauling	0	4	8	15	0.00
Vendor	0	4	8	6.9	0.00
Worker	10	4	8	14.7	0.00
LTA B1-3 Paving	2025				
Total Haul Trips	0				
Hauling	0	24	8	15	0.00
Vendor	0	24	8	6.9	0.00
Worker	10	24	8	14.7	0.00
LTA B1-4 Paving	2025				
Total Haul Trips	0				
Hauling	0	9	8	15	0.00
Vendor	0	9	8	6.9	0.00
Worker	10	9	8	14.7	0.00
LTA B1-4 Paving	2025				
Total Haul Trips	0				
Hauling	0	9	8	15	0.00
Vendor	0	9	8	6.9	0.00
Worker	10	9	8	14.7	0.00
Phase 1- Demolition only	2021				
Total Haul Trips	975				
Hauling	4	313	8	15	0.02
Vendor	0	313	8	6.9	0.00
Worker	140	313	8	14.7	0.08
Phase 1- Demolition only	2022				
Total Haul Trips	244				
Hauling	4	78	8	15	0.02
Vendor	0	78	8	6.9	0.00
Worker	140	78	8	14.7	0.07
Phase 2- Demolition only	2025				
Total Haul Trips	1910				
Hauling	9	235	8	15	0.05
Vendor	0	235	8	6.9	0.00
Worker	140	235	8	14.7	0.06
Phase 3- Demolition only	2027				
Total Haul Trips	166				
Hauling	2	104	8	15	0.01
Vendor	0	104	8	6.9	0.00
Worker	140	104	8	14.7	0.05
Phase 3- Demolition only	2028				
Total Haul Trips	80				
Hauling	2	50	8	15	0.01
Vendor	0	50	8	6.9	0.00
Worker	140	50	8	14.7	0.05
West San Fernando Bridge-Demolition and Ped Bridge	2022				
Total Haul Trips	500				
Hauling	5	105	8	15	0.02
Vendor	0	105	8	6.9	0.00
Worker	44	105	8	14.7	0.02
West San Fernando Bridge-Abutment/Bent Construction	2023				
Total Haul Trips	333				
Hauling	4	105	8	15	0.02
Vendor	0	105	8	6.9	0.00
Worker	20	105	8	14.7	0.01
West San Fernando Bridge-Superstructure	2023				
Total Haul Trips	0				
Hauling	0	77	8	15	0.00
Vendor	1	77	8	6.9	0.00
Worker	20	77	8	14.7	0.01
West San Fernando Bridge-Superstructure	2024				
Total Haul Trips	0				
Hauling	0	77	8	15	0.00
Vendor	1	77	8	6.9	0.00
Worker	20	77	8	14.7	0.01

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

Downtown West San Jose Mixed Use Development

Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Excavation - Class I Haz	2021									
Total Haul Trips	2957									
Hauling	19	157	8	170	0.95	0.43	0.25	0.14	0.19	0.06
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01
Excavation - Class I Haz	2022									
Total Haul Trips	5914									
Hauling	19	313	8	170	0.95	0.43	0.25	0.14	0.19	0.06
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01
Excavation - Class I Haz	2023									
Total Haul Trips	5914									
Hauling	19	313	8	170	0.95	0.43	0.25	0.14	0.19	0.06
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01
Excavation - Class I Haz	2024									
Total Haul Trips	2957									
Hauling	19	157	8	170	0.95	0.43	0.25	0.14	0.19	0.06
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01
Excavation - Class I Haz	2025									
Total Haul Trips	1438									
Hauling	10	157	8	170	0.50	0.23	0.13	0.08	0.10	0.03
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01
Excavation - Class I Haz	2026									
Total Haul Trips	2876									
Hauling	10	314	8	170	0.50	0.23	0.13	0.08	0.10	0.03
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01
Excavation - Class I Haz	2027									
Total Haul Trips	719									
Hauling	10	78	8	170	0.50	0.23	0.13	0.08	0.10	0.03
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	78	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01
Excavation - Class I Haz	2029									
Total Haul Trips	5609									
Hauling	18	314	8	170	0.90	0.41	0.24	0.14	0.18	0.06
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
Excavation - Class I Haz	2030									
Total Haul Trips	5714									
Hauling	19	313	8	170	0.95	0.44	0.25	0.14	0.19	0.06
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01
Excavation - Class I Haz	2031									
Total Haul Trips	2857									
Hauling	19	156	8	170	0.95	0.44	0.25	0.14	0.19	0.06
Vendor	0	156	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	156	8	14.7	0.53	0.15	0.03	0.08	0.06	0.01
Excavation - Class II Non-Ha	2021									
Total Haul Trips	28251									
Hauling	180	157	8	15	0.79	0.36	0.21	0.12	0.16	0.05
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2022									
Total Haul Trips	56502									
Hauling	181	313	8	15	0.80	0.36	0.21	0.12	0.16	0.05
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2023									
Total Haul Trips	56502									
Hauling	181	313	8	15	0.80	0.36	0.21	0.12	0.16	0.05
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2024									
Total Haul Trips	28251									
Hauling	180	157	8	15	0.79	0.36	0.21	0.12	0.16	0.05
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2025									
Total Haul Trips	10567									
Hauling	68	157	8	15	0.30	0.14	0.08	0.05	0.06	0.02
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2026									
Total Haul Trips	21134									
Hauling	68	314	8	15	0.30	0.14	0.08	0.05	0.06	0.02
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Excavation - Class II Non-Ha	2027									
Total Haul Trips	5283									
Hauling	68	78	8	15	0.30	0.14	0.08	0.05	0.06	0.02
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	78	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2029									
Total Haul Trips	27459									
Hauling	88	314	8	15	0.39	0.18	0.10	0.06	0.08	0.03
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2030									
Total Haul Trips	27899									
Hauling	393	71	8	15	1.74	0.79	0.46	0.26	0.34	0.12
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	71	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2031									
Total Haul Trips	13949									
Hauling	85	165	8	15	0.38	0.17	0.10	0.06	0.07	0.03
Vendor	0	165	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	165	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
A1- Site Preparation	2027									
Total Haul Trips	0									
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	90	65	8	14.7	0.39	0.11	0.02	0.06	0.05	0.01
A1- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	171	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	171	8	6.9	0.41	0.29	0.07	0.06	0.13	0.02
Worker	518	171	8	14.7	2.24	0.62	0.13	0.34	0.26	0.03
A1- Building Construction	2028									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	313	8	6.9	0.41	0.29	0.07	0.06	0.13	0.02
Worker	518	313	8	14.7	2.24	0.62	0.13	0.34	0.26	0.03
A1- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	169	8	6.9	0.41	0.29	0.07	0.06	0.13	0.02
Worker	518	169	8	14.7	2.24	0.62	0.13	0.34	0.26	0.03

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
A1- Paving	2029									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	49	8	14.7	0.16	0.05	0.01	0.02	0.02	0.00
A2- Architectural Coating	2029									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	104	49	8	14.7	0.45	0.12	0.03	0.07	0.05	0.01
B1- Site Preparation	2026									
Total Haul Trips	0									
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	88	63	8	14.7	0.38	0.10	0.02	0.06	0.04	0.01
B1 - Building Construction	2026									
Total Haul Trips	0									
Hauling	0	66	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	66	8	6.9	0.26	0.19	0.05	0.04	0.08	0.01
Worker	334	66	8	14.7	1.45	0.40	0.09	0.22	0.17	0.02
B1 - Building Construction	2027									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	313	8	6.9	0.26	0.19	0.05	0.04	0.08	0.01
Worker	334	313	8	14.7	1.45	0.40	0.09	0.22	0.17	0.02
B1 - Building Construction	2028									
Total Haul Trips	0									
Hauling	0	252	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	252	8	6.9	0.26	0.19	0.05	0.04	0.08	0.01
Worker	334	252	8	14.7	1.45	0.40	0.09	0.22	0.17	0.02
B1 - Paving	2029									
Total Haul Trips	0									
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	12	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00
B1 - Paving	2028									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	35	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
B1- Architectural Coating	2029									
Total Haul Trips	0									
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	67	47	8	14.7	0.29	0.08	0.02	0.04	0.03	0.00
C1- Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	115	65	8	14.7	0.50	0.14	0.03	0.07	0.06	0.01
C1- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	39	8	6.9	0.26	0.19	0.05	0.04	0.08	0.01
Worker	859	39	8	14.7	3.72	1.02	0.22	0.56	0.44	0.06
C1- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	313	8	6.9	0.26	0.19	0.05	0.04	0.08	0.01
Worker	859	313	8	14.7	3.72	1.02	0.22	0.56	0.44	0.06
C1- Building Construction	2031									
Total Haul Trips	0									
Hauling	0	299	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	299	8	6.9	0.26	0.19	0.05	0.04	0.08	0.01
Worker	859	299	8	14.7	3.72	1.02	0.22	0.56	0.44	0.06
C1- Paving	2031									
Total Haul Trips	0									
Hauling	0	29	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	29	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	29	8	14.7	0.11	0.03	0.01	0.02	0.01	0.00
C1- Paving	2032									
Total Haul Trips	0									
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	20	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	20	8	14.7	0.11	0.03	0.01	0.02	0.01	0.00
C1- Architectural Coating	2032									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	172	49	8	14.7	0.74	0.20	0.04	0.11	0.09	0.01
C2- Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	100	65	8	14.7	0.43	0.12	0.03	0.06	0.05	0.01
C2- Building Construction	2029									
Total Haul Trips	0									

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Hauling	0	170	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	170	8	6.9	0.23	0.16	0.04	0.03	0.07	0.01
Worker	286	170	8	14.7	1.24	0.34	0.07	0.19	0.15	0.02
C2- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	313	8	6.9	0.23	0.16	0.04	0.03	0.07	0.01
Worker	286	313	8	14.7	1.24	0.34	0.07	0.19	0.15	0.02
C2- Building Construction	2031									
Total Haul Trips	0									
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	169	8	6.9	0.23	0.16	0.04	0.03	0.07	0.01
Worker	286	169	8	14.7	1.24	0.34	0.07	0.19	0.15	0.02
C2- Paving	2031									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	49	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00
C2- Architectural Coating	2032									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	57	49	8	14.7	0.25	0.07	0.01	0.04	0.03	0.00
C3- Site Preparation	2030									
Total Haul Trips	0									
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	35	53	8	14.7	0.15	0.04	0.01	0.02	0.02	0.00
C3- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	237	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	237	8	6.9	0.06	0.04	0.01	0.01	0.02	0.00
Worker	150	237	8	14.7	0.65	0.18	0.04	0.10	0.08	0.01
C3- Building Construction	2031									
Total Haul Trips	0									
Hauling	0	289	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	289	8	6.9	0.06	0.04	0.01	0.01	0.02	0.00
Worker	150	289	8	14.7	0.65	0.18	0.04	0.10	0.08	0.01
C3- Paving	2031									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	39	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
C3- Architectural Coating	2031									
Total Haul Trips	0									
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Worker	30	9	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00
C3- Architectural Coating	2032									
Total Haul Trips	0									
Hauling	0	30	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00
D1-Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	33	53	8	14.7	0.14	0.04	0.01	0.02	0.02	0.00
D1- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	260	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	260	8	6.9	0.11	0.08	0.02	0.02	0.03	0.01
Worker	366	260	8	14.7	1.58	0.44	0.09	0.24	0.19	0.02
D1- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	267	8	6.9	0.11	0.08	0.02	0.02	0.03	0.01
Worker	366	267	8	14.7	1.58	0.44	0.09	0.24	0.19	0.02
D1- Paving	2030									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
D1- Architectural Coating	2030									
Total Haul Trips	0									
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	8	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	8	8	14.7	0.32	0.09	0.02	0.05	0.04	0.00
D1- Architectural Coating	2031									
Total Haul Trips	0									
Hauling	0	31	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	31	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	31	8	14.7	0.32	0.09	0.02	0.05	0.04	0.00
D4- Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	57	8	14.7	0.29	0.08	0.02	0.04	0.03	0.00
D4- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	183	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	183	8	6.9	0.25	0.18	0.04	0.04	0.08	0.01
Worker	315	183	8	14.7	1.36	0.38	0.08	0.20	0.16	0.02

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
D4- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	313	8	6.9	0.25	0.18	0.04	0.04	0.08	0.01
Worker	315	313	8	14.7	1.36	0.38	0.08	0.20	0.16	0.02
D4- Building Construction	2031									
Total Haul Trips	0									
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	72	8	6.9	0.25	0.18	0.04	0.04	0.08	0.01
Worker	315	72	8	14.7	1.36	0.38	0.08	0.20	0.16	0.02
D4- Paving	2031									
Total Haul Trips	0									
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	43	8	14.7	0.09	0.02	0.01	0.01	0.01	0.00
D4- Architectural Coating	2031									
Total Haul Trips	0									
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	63	43	8	14.7	0.27	0.08	0.02	0.04	0.03	0.00
D5-D6- Site Preparation	2023									
Total Haul Trips	0									
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	57	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00
D5-D6- Building Constructio	2023									
Total Haul Trips	0									
Hauling	0	22	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	22	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	22	8	14.7	0.10	0.03	0.01	0.02	0.01	0.00
D5-D6- Building Constructio	2024									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	313	8	14.7	0.10	0.03	0.01	0.02	0.01	0.00
D5-D6- Building Constructio	2025									
Total Haul Trips	0									
Hauling	0	234	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	234	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	234	8	14.7	0.10	0.03	0.01	0.02	0.01	0.00
D5-D6- Paving	2025									
Total Haul Trips	0									
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	43	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
D5-D6- Architectural Coatin	2025									
Total Haul Trips	0									

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Hauling	0	37	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	37	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	37	8	14.7	0.02	0.01	0.00	0.00	0.00	0.00
D5-D6- Architectural Coatin	2026									
Total Haul Trips	0									
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	6	8	14.7	0.02	0.01	0.00	0.00	0.00	0.00
D7- Site Preparation	2025									
Total Haul Trips	0									
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	59	8	14.7	0.21	0.06	0.01	0.03	0.02	0.00
D7- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	99	8	6.9	0.20	0.14	0.03	0.03	0.06	0.01
Worker	245	99	8	14.7	1.06	0.29	0.06	0.16	0.13	0.02
D7- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	313	8	6.9	0.20	0.14	0.03	0.03	0.06	0.01
Worker	245	313	8	14.7	1.06	0.29	0.06	0.16	0.13	0.02
D7- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	178	8	6.9	0.20	0.14	0.03	0.03	0.06	0.01
Worker	245	178	8	14.7	1.06	0.29	0.06	0.16	0.13	0.02
D7- Paving	2027									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
D7- Architectural Coating	2027									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	49	44	8	14.7	0.21	0.06	0.01	0.03	0.03	0.00
D8-D13- Site Preparation	2023									
Total Haul Trips	0									
Hauling	0	111	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	111	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	43	111	8	14.7	0.19	0.05	0.01	0.03	0.02	0.00
D8-D13- Building Constructi	2023									
Total Haul Trips	0									
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	72	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
		PM10			PM2.5	
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
						PM10			PM2.5	
					RD	BW	TW	RD	BW	TW
Worker	24	72	8	14.7	0.10	0.03	0.01	0.02	0.01	0.00
D8-D13- Building Constructi	2024									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	313	8	14.7	0.10	0.03	0.01	0.02	0.01	0.00
D8-D13- Building Constructi	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	313	8	14.7	0.10	0.03	0.01	0.02	0.01	0.00
D8-D13- Building Constructi	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	313	8	14.7	0.10	0.03	0.01	0.02	0.01	0.00
D8-D13- Building Constructi	2027									
Total Haul Trips	0									
Hauling	0	101	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	101	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	101	8	14.7	0.10	0.03	0.01	0.02	0.01	0.00
D8-D13- Paving	2027									
Total Haul Trips	0									
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	83	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
D8-D13- Architectural Coati	2027									
Total Haul Trips	0									
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	83	8	14.7	0.02	0.01	0.00	0.00	0.00	0.00
E1.1- Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	46	8	14.7	0.29	0.08	0.02	0.04	0.03	0.00
E1.1- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	267	8	6.9	0.20	0.14	0.04	0.03	0.06	0.01
Worker	630	267	8	14.7	2.73	0.75	0.16	0.41	0.32	0.04
E1.1- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	197	8	6.9	0.20	0.14	0.04	0.03	0.06	0.01
Worker	630	197	8	14.7	2.73	0.75	0.16	0.41	0.32	0.04

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
E1.1- Paving	2025									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	35	8	14.7	0.09	0.02	0.01	0.01	0.01	0.00
E1.1- Architectural Coating	2025									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	126	35	8	14.7	0.55	0.15	0.03	0.08	0.06	0.01
E1.2- Site Preparation	2023									
Total Haul Trips	0									
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	75	59	8	14.7	0.32	0.09	0.02	0.05	0.04	0.00
E1.2- Building Construction	2023									
Total Haul Trips	0									
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	20	8	6.9	0.37	0.27	0.07	0.06	0.11	0.02
Worker	470	20	8	14.7	2.03	0.56	0.12	0.31	0.24	0.03
E1.2- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	313	8	6.9	0.37	0.27	0.07	0.06	0.11	0.02
Worker	470	313	8	14.7	2.03	0.56	0.12	0.31	0.24	0.03
E1.2- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	257	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	257	8	6.9	0.37	0.27	0.07	0.06	0.11	0.02
Worker	470	257	8	14.7	2.03	0.56	0.12	0.31	0.24	0.03
E1.2- Paving	2025									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	44	8	14.7	0.16	0.05	0.01	0.02	0.02	0.00
E1.2- Architectural Coating	2025									
Total Haul Trips	0									
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	12	8	14.7	0.41	0.11	0.02	0.06	0.05	0.01
E1.2- Architectural Coating	2026									
Total Haul Trips	0									
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	32	8	14.7	0.41	0.11	0.02	0.06	0.05	0.01
F1-F2- Site Preparation	2024									
Total Haul Trips	0									

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	110	61	8	14.7	0.48	0.13	0.03	0.07	0.06	0.01
F1-F2- Building Constructior	2024									
Total Haul Trips	0									
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	122	8	6.9	0.63	0.45	0.11	0.09	0.19	0.03
Worker	790	122	8	14.7	3.42	0.94	0.20	0.51	0.40	0.05
F1-F2- Building Constructior	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	313	8	6.9	0.63	0.45	0.11	0.09	0.19	0.03
Worker	790	313	8	14.7	3.42	0.94	0.20	0.51	0.40	0.05
F1-F2- Building Constructior	2026									
Total Haul Trips	0									
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	175	8	6.9	0.63	0.45	0.11	0.09	0.19	0.03
Worker	790	175	8	14.7	3.42	0.94	0.20	0.51	0.40	0.05
F1-F2- Paving	2026									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	50	46	8	14.7	0.22	0.06	0.01	0.03	0.03	0.00
F1-F2- Architectural Coating	2026									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	158	46	8	14.7	0.68	0.19	0.04	0.10	0.08	0.01
F3- Site Preparation	2025									
Total Haul Trips	0									
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	53	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00
F3- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	210	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	210	8	6.9	0.30	0.22	0.05	0.05	0.09	0.01
Worker	379	210	8	14.7	1.64	0.45	0.10	0.25	0.19	0.02
F3- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.30	0.22	0.05	0.05	0.09	0.01
Worker	379	313	8	14.7	1.64	0.45	0.10	0.25	0.19	0.02
F3- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	4	8	6.9	0.30	0.22	0.05	0.05	0.09	0.01

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
Worker	379	4	8	14.7	1.64	0.45	0.10	0.25	0.19	0.02
F3- Paving	2027									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
F3- Architectural Coating	2027									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	39	8	14.7	0.33	0.09	0.02	0.05	0.04	0.00
F4- Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	61	8	14.7	0.16	0.05	0.01	0.02	0.02	0.00
F4- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	122	8	6.9	0.12	0.09	0.02	0.02	0.04	0.01
Worker	311	122	8	14.7	1.35	0.37	0.08	0.20	0.16	0.02
F4- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	313	8	6.9	0.12	0.09	0.02	0.02	0.04	0.01
Worker	311	313	8	14.7	1.35	0.37	0.08	0.20	0.16	0.02
F4- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	175	8	6.9	0.12	0.09	0.02	0.02	0.04	0.01
Worker	311	175	8	14.7	1.35	0.37	0.08	0.20	0.16	0.02
F4- Paving	2026									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	46	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
F4- Architectural Coating	2026									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	46	8	14.7	0.27	0.07	0.02	0.04	0.03	0.00
F5- Site Preparation	2022									
Total Haul Trips	0									
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
F5- Building Construction	2022									
Total Haul Trips	0									
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	8	8	6.9	0.03	0.02	0.01	0.00	0.01	0.00
Worker	37	8	8	14.7	0.16	0.04	0.01	0.02	0.02	0.00
F5- Building Construction	2023									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.03	0.02	0.01	0.00	0.01	0.00
Worker	37	313	8	14.7	0.16	0.04	0.01	0.02	0.02	0.00
F5- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.03	0.02	0.01	0.00	0.01	0.00
Worker	37	313	8	14.7	0.16	0.04	0.01	0.02	0.02	0.00
F5- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	81	8	6.9	0.03	0.02	0.01	0.00	0.01	0.00
Worker	37	81	8	14.7	0.16	0.04	0.01	0.02	0.02	0.00
F5- Paving	2025									
Total Haul Trips	0									
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
F5- Architectural Coating	2025									
Total Haul Trips	0									
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	7	54	8	14.7	0.03	0.01	0.00	0.00	0.00	0.00
F6- Site Preparation	2022									
Total Haul Trips	0									
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00
F6- Building Construction	2022									
Total Haul Trips	0									
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	8	8	6.9	0.08	0.06	0.01	0.01	0.02	0.00
Worker	257	8	8	14.7	1.11	0.31	0.07	0.17	0.13	0.02
F6- Building Construction	2023									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.08	0.06	0.01	0.01	0.02	0.00
Worker	257	313	8	14.7	1.11	0.31	0.07	0.17	0.13	0.02
F6- Building Construction	2024									
Total Haul Trips	0									

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.08	0.06	0.01	0.01	0.02	0.00
Worker	257	313	8	14.7	1.11	0.31	0.07	0.17	0.13	0.02
F6- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	81	8	6.9	0.08	0.06	0.01	0.01	0.02	0.00
Worker	257	81	8	14.7	1.11	0.31	0.07	0.17	0.13	0.02
F6- Paving	2025									
Total Haul Trips	0									
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
F6- Architectural Coating	2025									
Total Haul Trips	0									
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	51	54	8	14.7	0.22	0.06	0.01	0.03	0.03	0.00
G1- Site Preparation	2025									
Total Haul Trips	0									
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0.16	0.05	0.01	0.02	0.02	0.00
G1- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	225	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	225	8	6.9	0.30	0.22	0.05	0.05	0.09	0.01
Worker	379	225	8	14.7	1.64	0.45	0.10	0.25	0.19	0.02
G1- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.30	0.22	0.05	0.05	0.09	0.01
Worker	379	313	8	14.7	1.64	0.45	0.10	0.25	0.19	0.02
G1- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	50	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	50	8	6.9	0.30	0.22	0.05	0.05	0.09	0.01
Worker	379	50	8	14.7	1.64	0.45	0.10	0.25	0.19	0.02
G1- Paving	2027									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
G1- Architectural Coating	2027									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
		PM10			PM2.5	
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
						PM10			PM2.5	
					RD	BW	TW	RD	BW	TW
Worker	76	44	8	14.7	0.33	0.09	0.02	0.05	0.04	0.00
H1- Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0.16	0.05	0.01	0.02	0.02	0.00
H1- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	99	8	6.9	0.10	0.07	0.02	0.01	0.03	0.00
Worker	312	99	8	14.7	1.35	0.37	0.08	0.20	0.16	0.02
H1- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	313	8	6.9	0.10	0.07	0.02	0.01	0.03	0.00
Worker	312	313	8	14.7	1.35	0.37	0.08	0.20	0.16	0.02
H1- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	178	8	6.9	0.10	0.07	0.02	0.01	0.03	0.00
Worker	312	178	8	14.7	1.35	0.37	0.08	0.20	0.16	0.02
H1- Paving	2026									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
H1- Architectural Coating	2026									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	44	8	14.7	0.27	0.07	0.02	0.04	0.03	0.00
H2- Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	51	8	14.7	0.13	0.04	0.01	0.02	0.02	0.00
H2- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	263	8	6.9	0.08	0.05	0.01	0.01	0.02	0.00
Worker	241	263	8	14.7	1.04	0.29	0.06	0.16	0.12	0.02
H2- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	242	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	242	8	6.9	0.08	0.05	0.01	0.01	0.02	0.00
Worker	241	242	8	14.7	1.04	0.29	0.06	0.16	0.12	0.02

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
H2- Paving	2030									
Total Haul Trips	0									
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	38	8	6.9	0.08	0.05	0.01	0.01	0.02	0.00
Worker	241	38	8	14.7	1.04	0.29	0.06	0.16	0.12	0.02
H2- Architectural Coating	2030									
Total Haul Trips	0									
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	32	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
H2- Architectural Coating	2031									
Total Haul Trips	0									
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	6	8	14.7	0.21	0.06	0.01	0.03	0.02	0.00
H3- Site Preparation	2025									
Total Haul Trips	0									
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	80	63	8	14.7	0.35	0.10	0.02	0.05	0.04	0.01
H3- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	105	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	105	8	6.9	0.28	0.20	0.05	0.04	0.09	0.01
Worker	865	105	8	14.7	3.74	1.03	0.22	0.56	0.44	0.06
H3- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	313	8	6.9	0.28	0.20	0.05	0.04	0.09	0.01
Worker	865	313	8	14.7	3.74	1.03	0.22	0.56	0.44	0.06
H3- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	214	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	214	8	6.9	0.28	0.20	0.05	0.04	0.09	0.01
Worker	865	214	8	14.7	3.74	1.03	0.22	0.56	0.44	0.06
H3- Paving	2027									
Total Haul Trips	0									
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	47	8	14.7	0.11	0.03	0.01	0.02	0.01	0.00
H3- Architectural Coating	2027									
Total Haul Trips	0									
Hauling	0	42	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	42	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	42	8	14.7	0.75	0.21	0.04	0.11	0.09	0.01
H3- Architectural Coating	2028									
Total Haul Trips	0									

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Hauling	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	5	8	14.7	0.75	0.21	0.04	0.11	0.09	0.01
H4- Site Preparation	2027									
Total Haul Trips	0									
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	51	8	14.7	0.16	0.05	0.01	0.02	0.02	0.00
H4- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	263	8	6.9	0.13	0.09	0.02	0.02	0.04	0.01
Worker	425	263	8	14.7	1.84	0.51	0.11	0.28	0.22	0.03
H4- Building Construction	2028									
Total Haul Trips	0									
Hauling	0	243	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	243	8	6.9	0.13	0.09	0.02	0.02	0.04	0.01
Worker	425	243	8	14.7	1.84	0.51	0.11	0.28	0.22	0.03
H4- Paving	2028									
Total Haul Trips	0									
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	38	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	38	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
H4- Architectural Coating	2028									
Total Haul Trips	0									
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	6	8	14.7	0.37	0.10	0.02	0.06	0.04	0.01
H4- Architectural Coating	2029									
Total Haul Trips	0									
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	32	8	14.7	0.37	0.10	0.02	0.06	0.04	0.01
150 SM Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	53	8	14.7	0.12	0.03	0.01	0.02	0.01	0.00
150 SM Building Constructic	2024									
Total Haul Trips	0									
Hauling	0	26	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	26	8	6.9	0.01	0.00	0.00	0.00	0.00	0.00
Worker	7	26	8	14.7	0.03	0.01	0.00	0.00	0.00	0.00
150 SM Building Constructic	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	313	8	6.9	0.01	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Worker	7	313	8	14.7	0.03	0.01	0.00	0.00	0.00	0.00
150 SM Building Constructic	2026									
Total Haul Trips	0									
Hauling	0	188	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	188	8	6.9	0.01	0.00	0.00	0.00	0.00	0.00
Worker	7	188	8	14.7	0.03	0.01	0.00	0.00	0.00	0.00
150 SM Paving	2026									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
150 SM Architectural Coatin	2026									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	39	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	46	8	14.7	0.12	0.03	0.01	0.02	0.01	0.00
40 SM Building Constructior	2024									
Total Haul Trips	0									
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	267	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	267	8	14.7	0.02	0.01	0.00	0.00	0.00	0.00
40 SM Building Constructior	2025									
Total Haul Trips	0									
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	197	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	197	8	14.7	0.02	0.01	0.00	0.00	0.00	0.00
40 SM Paving	2025									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	35	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
40 SM Architectural Coating	2025									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	35	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-1 Paving	2025									
Total Haul Trips	0									
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
LTA B1-2 Paving	2025									
Total Haul Trips	0									
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00
LTA B1-3 Paving	2025									
Total Haul Trips	0									
Hauling	0	24	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	24	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	24	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00
LTA B1-4 Paving	2025									
Total Haul Trips	0									
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00
LTA B1-4 Paving	2025									
Total Haul Trips	0									
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00
Phase 1- Demolition only	2021									
Total Haul Trips	975									
Hauling	4	313	8	15	0.02	0.01	0.00	0.00	0.00	0.00
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	313	8	14.7	0.61	0.17	0.04	0.09	0.07	0.01
Phase 1- Demolition only	2022									
Total Haul Trips	244									
Hauling	4	78	8	15	0.02	0.01	0.00	0.00	0.00	0.00
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	78	8	14.7	0.61	0.17	0.04	0.09	0.07	0.01
Phase 2- Demolition only	2025									
Total Haul Trips	1910									
Hauling	9	235	8	15	0.04	0.02	0.01	0.01	0.01	0.00
Vendor	0	235	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	235	8	14.7	0.61	0.17	0.04	0.09	0.07	0.01
Phase 3- Demolition only	2027									
Total Haul Trips	166									
Hauling	2	104	8	15	0.01	0.00	0.00	0.00	0.00	0.00
Vendor	0	104	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	104	8	14.7	0.61	0.17	0.04	0.09	0.07	0.01
Phase 3- Demolition only	2028									
Total Haul Trips	80									
Hauling	2	50	8	15	0.01	0.00	0.00	0.00	0.00	0.00
Vendor	0	50	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	50	8	14.7	0.61	0.17	0.04	0.09	0.07	0.01

Downtown West San Jose Mixed Use Development
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.060849587	0.03547307	2.00E-02	0.02607839	0.00886827
2021Vendor Vendor	1.34E-01	0.095594812	0.02373654	2.00E-02	0.04096921	0.00593413
2021Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.060884359	0.03549302	2.00E-02	0.0260933	0.00887326
2022Vendor Vendor	1.34E-01	0.095612198	0.02374651	2.00E-02	0.04097666	0.00593663
2022Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.060919337	0.03551304	2.00E-02	0.02610829	0.00887826
2023Vendor Vendor	1.34E-01	0.095629687	0.02375652	2.00E-02	0.04098415	0.00593913
2023Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.060952091	0.03553172	2.00E-02	0.02612232	0.00888293
2024Vendor Vendor	1.34E-01	0.095646064	0.02376586	2.00E-02	0.04099117	0.00594146
2024Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.060982686	0.03554906	2.00E-02	0.02613544	0.00888726
2025Vendor Vendor	1.34E-01	0.095661361	0.02377453	2.00E-02	0.04099773	0.00594363
2025Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061011269	0.03556524	2.00E-02	0.02614769	0.00889131
2026Vendor Vendor	1.34E-01	0.095675653	0.02378262	2.00E-02	0.04100385	0.00594566
2026Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061037721	0.03558025	2.00E-02	0.02615902	0.00889506
2027Vendor Vendor	1.34E-01	0.095688879	0.02379012	2.00E-02	0.04100952	0.00594753
2027Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061063564	0.03559492	2.00E-02	0.0261701	0.00889873
2028Vendor Vendor	1.34E-01	0.095701801	0.02379746	2.00E-02	0.04101506	0.00594937
2028Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061087119	0.03560828	2.00E-02	0.02618019	0.00890207
2029Vendor Vendor	1.34E-01	0.095713578	0.02380414	2.00E-02	0.04102011	0.00595103
2029Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061109857	0.03562124	2.00E-02	0.02618994	0.00890531
2030Vendor Vendor	1.34E-01	0.095724947	0.02381062	2.00E-02	0.04102498	0.00595266
2030Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061128375	0.03563178	2.00E-02	0.02619787	0.00890794
2031Vendor Vendor	1.34E-01	0.095734206	0.02381589	2.00E-02	0.04102895	0.00595397
2031Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.061144316	0.03564087	2.00E-02	0.02620471	0.00891022
2032Vendor Vendor	1.34E-01	0.095742177	0.02382044	2.00E-02	0.04103236	0.00595511
2032Worker Worker	1.34E-01	0.036750011	0.008	2.00E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
West San Fernando Bridge-Demolition and Ped Bridge	2022									
Total Haul Trips	500									
Hauling	5	105	8	15	0.02	0.01	0.01	0.00	0.00	0.00
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	44	105	8	14.7	0.19	0.05	0.01	0.03	0.02	0.00
West San Fernando Bridge-Abutment/Bent Construction	2023									
Total Haul Trips	333									
Hauling	4	105	8	15	0.02	0.01	0.00	0.00	0.00	0.00
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	105	8	14.7	0.09	0.02	0.01	0.01	0.01	0.00
West San Fernando Bridge-Superstructure	2023									
Total Haul Trips	0									
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	77	8	14.7	0.09	0.02	0.01	0.01	0.01	0.00
West San Fernando Bridge-Superstructure	2024									
Total Haul Trips	0									
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	77	8	14.7	0.09	0.02	0.01	0.01	0.01	0.00

Downtown West San Jose Mixed Use Development
Road Dust

Downtown West San Jose Mixed Use Development
Road Dust

Paved Road Dust Emission Factors (Assumes 64 days of precipitation for Santa Clara County)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

- $EF_{Dust,P}$ = Paved Road Dust Emission Factor (having the same units as k)
- k = particle size multiplier
- sL = road surface silt loading (g/m^2)
- W = average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	1.00	0.25
sL	0.043086	0.043086
W	2.4	2.4
$EF_{Dust,P}$	1.34E-01	3.34E-02

Downtown West San Jose Mixed Use Development
Operational CalEEMod Input Values

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2021
	Fleet Mix	0.567742	0.054883	0.190502	0.11688	0.020651522	0.004894161	0.008289064	0.006425332	0.000966	0.000407285	0.024432	0.000949722	0.002978	
A	CH4_IDLEX	0	0	0	0	0.005524395	0.003418408	0.003370939	0.025006868	0.007456	0	0	0.046580307	0	
A	CH4_RUNEX	0.002606	0.005621	0.004015	0.005342	0.010230159	0.008122069	0.010514667	0.055229878	0.008276	1.380430285	0.33122	0.006825203	0.014283	
A	CH4_STREX	0.056352	0.076285	0.076252	0.093048	0.01761879	0.010099877	0.009553598	4.87953E-07	0.018189	0.00300196	0.25818	0.004388622	0.024795	
A	CO_IDLEX	0	0	0	0	0.188632865	0.14124651	0.37001437	5.63023888	0.566001	0	0	1.985496381	0	
A	CO_RUNEX	0.663584	1.191373	0.917533	1.098176	0.919664357	0.710706912	0.758144153	0.676437328	0.765418	10.36297815	19.56337	0.559511208	1.624735	
A	CO_STREX	2.290417	2.517969	2.967111	3.490974	1.175307416	0.706579012	1.203258986	0.005916179	1.969399	0.156719089	8.976601	0.656120578	2.369845	
A	CO2_NBIO_IDLEX	0	0	0	0	9.076836085	14.19094359	77.12898402	1088.786144	98.57106	0	0	347.4308429	0	
A	CO2_NBIO_RUNEX	257.2695	305.8691	335.4188	406.5924	823.3116718	796.1060328	1160.405196	1552.030837	1386.545	1606.735955	210.3906	1081.243851	1583.822	
A	CO2_NBIO_STREX	54.5031	65.69661	72.55277	87.25978	12.41847743	8.353413103	9.108976376	0.055723126	15.71543	1.849398486	61.75755	3.669459915	19.77033	
A	NOX_IDLEX	0	0	0	0	0.061823731	0.106701836	0.668719229	5.966077574	0.614224	0	0	3.69007601	0	
A	NOX_RUNEX	0.043587	0.105364	0.086756	0.115957	0.929977248	1.130637595	2.890356527	4.11760691	2.068826	0.732642423	1.15497	5.298320565	1.509217	
A	NOX_STREX	0.202598	0.270055	0.321662	0.398378	0.356268686	0.205746484	1.169875105	1.857963365	0.952266	0.020777693	0.270443	0.728236998	0.248775	
A	PM10_IDLEX	0	0	0	0	0.000789315	0.001392901	0.002133746	0.008566391	0.002149	0	0	0.004504217	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060849587	0.13034	0.069382874	0.01176	0.744800211	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009669241	0.010703835	0.012000003	0.035473073	0.012	0.033326143	0.004	0.010974299	0.01306	
A	PM10_RUNEX	0.001491	0.002061	0.001489	0.001679	0.011550146	0.016957982	0.074904331	0.060618813	0.032499	0.005277683	0.001893	0.034029305	0.027049	
A	PM10_STREX	0.001897	0.002574	0.00186	0.002132	0.000282873	0.000150522	0.000122619	1.05485E-06	0.000135	1.86027E-06	0.003213	4.00198E-05	0.00031	
A	PM25_IDLEX	0	0	0	0	0.00075517	0.001332645	0.002041441	0.008195813	0.002056	0	0	0.004309366	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026078394	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.00241731	0.002675959	0.003000001	0.008868268	0.003	0.008331536	0.001	0.002743575	0.003265	
A	PM25_RUNEX	0.001373	0.001898	0.00137	0.001549	0.010998732	0.016196516	0.071657563	0.057996444	0.031082	0.005049138	0.001772	0.032544684	0.025828	
A	PM25_STREX	0.001744	0.002367	0.00171	0.001961	0.000260091	0.0001384	0.000112743	9.69899E-07	0.000124	1.71045E-06	0.00303	3.67967E-05	0.000285	
A	ROG_DIURN	0.04523	0.099085	0.065059	0.076117	0.002274067	0.001261576	0.000487808	4.16173E-06	0.001087	0.000790188	0.911436	0.000465717	0.867943	
A	ROG_HTSK	0.104192	0.187791	0.131292	0.150436	0.084499259	0.049021689	0.021812603	0.000184922	0.015779	0.003033442	0.716612	0.004489696	0.072064	
A	ROG_IDLEX	0	0	0	0	0.022758383	0.016903739	0.021034603	0.434467644	0.055863	0	0	0.220513562	0	
A	ROG_RESTL	0.039035	0.076984	0.060337	0.07158	0.001131663	0.000618711	0.000236584	2.29522E-06	0.000472	0.000496986	0.501273	0.00018597	0.29353	
A	ROG_RUNEX	0.010365	0.024784	0.016588	0.024176	0.102748329	0.119665737	0.190153195	0.139003529	0.100767	0.020124257	2.253066	0.092413813	0.087528	
A	ROG_RUNLS	0.220671	0.676458	0.439749	0.476378	0.582266447	0.339878418	0.127796852	0.001141817	0.172828	0.021049328	2.132348	0.031590562	1.757553	
A	ROG_STREX	0.257919	0.382002	0.361262	0.470151	0.089513437	0.051131212	0.052960704	2.55505E-06	0.093878	0.012874746	1.967635	0.025040652	0.107136	
A	SO2_IDLEX	0	0	0	0	8.81586E-05	0.000135754	0.00073142	0.010137722	0.000936	0	0	0.003304084	0	
A	SO2_RUNEX	0.002545	0.003027	0.003318	0.004019	0.008045377	0.00769232	0.011054821	0.014245597	0.01335	0.01128407	0.002082	0.010315383	0.015552	
A	SO2_STREX	0.000539	0.00065	0.000718	0.000864	0.000122891	8.26638E-05	9.01407E-05	5.51426E-07	0.000156	1.83013E-05	0.000611	3.63123E-05	0.000196	
A	TOG_DIURN	0.04523	0.099085	0.065059	0.076117	0.002274067	0.001261576	0.000487808	4.16173E-06	0.001087	0.000790188	0.911436	0.000465717	0.867943	
A	TOG_HTSK	0.104192	0.187791	0.131292	0.150436	0.084499259	0.049021689	0.021812603	0.000184922	0.015779	0.003033442	0.716612	0.004489696	0.072064	
A	TOG_IDLEX	0	0	0	0	0.032225736	0.022942172	0.027613932	0.499465093	0.070633	0	0	0.314402528	0	
A	TOG_RESTL	0.039035	0.076984	0.060337	0.07158	0.001131663	0.000618711	0.000236584	2.29522E-06	0.000472	0.000496986	0.501273	0.00018597	0.29353	
A	TOG_RUNEX	0.015073	0.036105	0.02416	0.03422	0.128069669	0.140988077	0.219957239	0.207392348	0.121759	1.409294406	2.774349	0.110389691	0.118213	
A	TOG_RUNLS	0.220671	0.676458	0.439749	0.476378	0.582266447	0.339878418	0.127796852	0.001141817	0.172828	0.021049328	2.132348	0.031590562	1.757553	
A	TOG_STREX	0.282388	0.41824	0.395536	0.514712	0.098005946	0.055982241	0.057985304	2.79746E-06	0.102785	0.014096226	2.14098	0.027416362	0.1173	
S	CH4_IDLEX	0	0	0	0	0.005540025	0.00342735	0.003168688	0.026028149	0.007482	0	0	0.046612779	0	
S	CH4_RUNEX	0.002939	0.006267	0.00451	0.005946	0.0105008	0.008231024	0.010594902	0.055231845	0.008435	1.380434745	0.321884	0.006931795	0.014791	
S	CH4_STREX	0.047414	0.063698	0.064092	0.078119	0.01665243	0.00954478	0.008993628	4.5561E-07	0.017061	0.002668379	0.216866	0.00368901	0.023101	
S	CO_IDLEX	0	0	0	0	0.188632865	0.14124651	0.298222188	5.492732049	0.538649	0	0	1.942955225	0	
S	CO_RUNEX	0.783225	1.383577	1.075798	1.272511	0.942560886	0.719533117	0.766852495	0.677023436	0.782112	10.36325814	18.83542	0.571113197	1.689873	
S	CO_STREX	1.802611	1.973203	2.331144	2.741951	1.091161736	0.656198365	1.105971027	0.005438329	1.794966	0.127457225	7.858094	0.481963857	2.15734	
S	CO2_NBIO_IDLEX	0	0	0	0	9.076836085	14.19094359	78.58848351	1086.604547	99.0277	0	0	357.7693166	0	
S	CO2_NBIO_RUNEX	276.9534	326.1377	355.6811	427.5535	823.3542943	796.1222478	1160.420713	1552.03182	1386.575	1606.736455	208.9374	1081.264582	1583.938	
S	CO2_NBIO_STREX	53.58171	64.60661	71.33609	85.79967	12.26758286	8.263553284	8.943725876	0.054965164	15.41863	1.798039785	58.8784	3.379951433	19.41012	
S	NOX_IDLEX	0	0	0	0	0.061823731	0.106701836	0.676167837	5.810576319	0.611176	0	0	3.782996667	0	
S	NOX_RUNEX	0.039221	0.093875	0.077727	0.103856	0.886121933	1.084011499	2.774867502	3.966627959	1.979416	0.731771784	1.017178	5.087138857	1.424866	
S	NOX_STREX	0.180237	0.240294	0.286179	0.354458	0.332985612	0.192301039	1.163942479	1.85793076	0.93923	0.019375209	0.248413	0.725094984	0.232024	
S	PM10_IDLEX	0	0	0	0	0.000789315	0.001392901	0.001801523	0.007978575	0.001817	0	0	0.00380421	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060849587	0.13034	0.069382874	0.01176	0.744800211	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009669241	0.010703835	0.012000003	0.035473073	0.012	0.033326143	0.004	0.010974299	0.01306	
S	PM10_RUNEX	0.001491	0.002061	0.001489	0.001679	0.011550146	0.016957982	0.074904331	0.060618813	0.032499	0.005277683	0.001893	0.034029305	0.027049	
S	PM10_STREX	0.001897	0.002574	0.00186	0.002132	0.000282873	0.000150522	0.000122619	1.05485E-06	0.000135	1.86027E-06	0.003213	4.00198E-05	0.00031	
S	PM25_IDLEX	0	0	0	0	0.00075517	0.001332645	0.00172359	0.007633425	0.001738	0	0	0.003639641	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026078394	0.05586	0.029735517	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.00241731	0.002675959	0.003000001	0.008868268	0.003	0.008331536	0.001	0.002743575	0.003265	
S	PM25_RUNEX	0.001373	0.001898	0.00137	0.001549	0.010998732	0.016196516	0.071657563	0.057996444	0.031082	0.005049138	0.001772	0.032544684	0.025828	
S	PM25_STREX	0.001744	0.002367	0.00171	0.001961	0.000260091	0.0001384	0.000112743	9.69899E-07	0.000124	1.71045E-06	0.00303	3.67967E-05	0.000285	
S	ROG_DIURN	0.10352	0.230657	0.146907	0.17167	0.005173484	0.002880855	0.001146512	1.07768E-05	0.002411	0.001695646	2.343856	0.001058459	1.967006	
S	ROG_HTSK	0.115348	0.215058	0.145218	0.165395	0.094345226	0.05572268	0.02477648	0.00020422	0.016808	0.003279466	0.945164	0.004720793	0.078542	
S	ROG_IDLEX	0	0	0	0	0.022758383	0.016903739	0.020046044	0.452343	0.055979	0	0	0.220062104	0	
S	ROG_RESTL	0.080103	0.1605	0.12173	0.144885	0.002382323	0.001309081	0.000530092	5.96193E-06	0.000984	0.000956863	1.350355	0.000404459	0.62197	
S	ROG_RUNEX	0.011521	0.027337	0.01839	0.026301	0.104216167	0.120181642	0.190550567	0.139015994	0.101539	0.020137264	2.168713	0.092956551	0.090324	
S	ROG_RUNLS	0.207501	0.625005	0.408146	0.443687	0.564797213	0.329155621	0.123532486	0.001146347	0.168105	0.018897237	1.996132	0.026775125	1.713925	
S	ROG_STREX	0.213772	0.31452	0.299108	0.388851	0.084294613	0.048151175	0.049671134	2.39635E-06	0.087827	0.011392151	1.634691	0.021031578	0.100174	
S	SO2_IDLEX	0	0	0	0	8.81586E-05	0.000135754	0.000745349	0.010117864	0.000941	0	0	0.003401757	0	
S	SO2_RUNEX	0.00274	0.003227	0.003519	0.004227	0.008045798	0.00769248	0.011054974	0.014245607	0.013351	0.011284075	0.002068	0.010315588	0.015554	
S	SO2_STREX	0.00053	0.000639	0.000706	0.000849	0.000121398	8.17746E-05	8.85054E-05	5.43925E-07	0.000153	1.77931E-05	0.000583	3.34474E-05	0.000192	
S	TOG_DIURN	0.10352	0.230657	0.146907	0.17167	0.005173484	0.002880855	0.001146512	1.07768E-05	0.002411	0.001695646	2.343856	0.001058459	1.967006	
S	TOG_HTSK	0.115348	0.215058	0.145218	0.165395	0.094345226	0.05572268	0.02477648	0.00020422	0.016808	0.003279466	0.945164	0.004720793	0.078542	
S	TOG_IDLEX	0	0	0	0	0.032225736	0.022942172	0.02622761	0.520006442	0.070765	0	0	0.313888578	0	
S	TOG_RESTL	0.080103	0.1605	0.12173	0.144885	0.002382323	0.001309081	0.000530092	5.96193E-06	0.000984	0.000956863	1.350355	0.000404459	0.62197	
S	TOG_RUNEX	0.016759	0.039829	0.026789	0.037385	0.130211534	0.141740884	0.220537083	0.207410536	0.122884	1.409313386	2.673704	0.111181653	0.122294	
S	TOG_RUNLS	0.207501	0.625005	0.408146	0.443687	0.564797213	0.329155621	0.123532486	0.001146347	0.168105	0.018897237	1.996132	0.026775125	1.713925	
S	TOG_STREX	0.234053	0.344357	0.327484	0.425707	0.092291991	0.052719476	0.05438364	2.6237E-06	0.09616	0.012472971	1.778806	0.023026931	0.109678	
W	CH4_IDLEX	0	0	0	0	0.005510956	0.003410707	0.003576337	0.023596528	0.007432	0	0	0.046559852	0	
W	CH4_RUNEX	0.002507	0.005441	0.003867	0.005189	0.010018116	0.008034786	0.010452564	0.055228409	0.008153	1.38042689	0.342413	0.006739553	0.013903	
W	CH4_STREX	0.0629	0.085553	0.085174	0.104042	0.018446289	0.01057532	0.010010706	5.1477E-07	0.019094	0.00328072	0.298086	0.005017403	0.026177	
W	CO_IDLEX	0	0	0	0	0.188632865	0.14124651	0.448949855	5.820129265	0.603773	0	0	2.044243691	0	
W	CO_RUNEX	0.650331	1.173396	0.900655	1.088319	0.901935294	0.703822414	0.751583228	0.676002005	0.752813	10.36277066	21.12332	0.550404014	1.576716	
W	CO_STREX	2.685696	2.959983	3.482935	4.101535	1.257426088	0.755557911	1.291470742	0.00634834	2.125225	0.183478523	10.27742	0.831491881	2.562865	
W	CO2_NBIO_IDLEX	0	0	0	0	9.076836085	14.19094359	75.23292822	1091.798826	97.94046	0	0	333.153903	0	
W	CO2_NBIO_RUNEX	254.0369	302.5515	332.095	403.1696	823.2786858	796.0933555	1160.393486	1552.030108	1386.522	1606.735584	213.2153	1081.227548	1583.737	
W	CO2_NBIO_STREX	55.24221	66.57049	73.52894	88.43621	12.56371641	8.439657	9.257917002	0.056408574	15.97881	1.896013435	64.91229	3.959556439	20.09535	
W	NOX_IDLEX	0	0	0	0	0.061823731	0.106701836	0.658449318	6.180817402	0.618433	0	0	3.561757008	0	
W	NOX_RUNEX	0.047575	0.115318	0.094849	0.126682	0.951178917	1.151435496	2.939033896	4.182660018	2.109183	0.733151961	1.238457	5.391987854	1.551984	
W	NOX_STREX	0.219691	0.292752	0.348767	0.431937	0.377013911	0.217726835	1.174985337	1.857991412	0.963661	0.021919254	0.288175	0.730897101	0.263416	
W	PM10_IDLEX	0	0	0	0	0.000789315	0.001392901	0.002592531	0.009378139	0.002608	0	0	0.005470893	0	
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060849587	0.13034	0.069382874	0.01176	0.744800211	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009669241	0.010703835	0.012000003	0.035473073	0.012	0.033326143	0.004	0.010974299	0.01306	
W	PM10_RUNEX	0.001491	0.002061	0.001489	0.001679	0.011550146	0.016957982	0.074904331	0.060618813	0.032499	0.005277683	0.001893	0.034029305	0.027049	
W	PM10_STREX	0.001897	0.002574	0.00186	0.002132	0.000282873	0.000150522	0.000122619	1.05485E-06	0.000135	1.86027E-06	0.003213	4.00198E-05	0.00031	
W	PM25_IDLEX	0	0	0	0	0.00075517	0.001332645	0.002480379	0.008972444	0.002495	0	0	0.005234225	0	
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026078394	0.05586	0.029735517	0.00504	0.31920009	0.05586	
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.00241731	0.002675959	0.003000001	0.008868268	0.003	0.008331536	0.001	0.002743575	0.003265	
W	PM25_RUNEX	0.001373	0.001898	0.00137	0.001549	0.010998732	0.016196516	0.071657563	0.057996444	0.031082	0.005049138	0.001772	0.032544684	0.025828	
W	PM25_STREX	0.001744	0.002367	0.00171	0.001961	0.000260091	0.0001384	0.000112743	9.69899E-07	0.000124	1.71045E-06	0.00303	3.67967E-05	0.000285	
W	ROG_DIURN	0.022563	0.048604	0.03284	0.038452	0.001132852	0.000631847	0.000237042	1.8923E-06	0.000588	0.000467435	0.397521	0.000244303	0.431994	
W	ROG_HTSK	0.108993	0.202295	0.13706	0.156924	0.09451778	0.054345768	0.023361169	0.000210836	0.016275	0.003122678	0.859075	0.004639235	0.08608	
W	ROG_IDLEX	0	0	0	0	0.022758383	0.016903739	0.022089883	0.40978263	0.055703	0	0	0.221137004	0	
W	ROG_RESTL	0.019435	0.037936	0.030366	0.035829	0.000586023	0.000323264	0.000118042	9.93068E-07	0.000268	0.000303602	0.192861	0.000104299	0.161772	
W	ROG_RUNEX	0.01009	0.024258	0.016161	0.023938	0.10161575	0.119256485	0.189849279	0.138994326	0.100174	0.020114458	2.351746	0.091980765	0.085465	
W	ROG_RUNLS	0.259153	0.831808	0.533845	0.574603	0.646331268	0.379616493	0.144358537	0.001233418	0.188844	0.026879819	2.529894	0.040998842	1.887188	
W	ROG_STREX	0.291456	0.433621	0.408498	0.532325	0.094004534	0.053695926	0.055677245	2.68611E-06	0.098758	0.01412579	2.296588	0.028651349	0.112817	

W	SO2_IDLEX	0	0	0	0	8.81586E-05	0.000135754	0.000713366	0.010165145	0.00093	0	0	0.003169202	0	
W	SO2_RUNEX	0.002513	0.002994	0.003285	0.003986	0.00804505	0.007692195	0.011054705	0.01424559	0.01335	0.011284066	0.00211	0.010315222	0.015552	
W	SO2_STREX	0.000547	0.000659	0.000728	0.000875	0.000124328	8.35172E-05	9.16146E-05	5.58209E-07	0.000158	1.87626E-05	0.000642	3.9183E-05	0.000199	
W	TOG_DIURN	0.022563	0.048604	0.03284	0.038452	0.001132852	0.000631847	0.000237042	1.8923E-06	0.000588	0.000467435	0.397521	0.000244303	0.431994	
W	TOG_HTSK	0.108993	0.202295	0.13706	0.156924	0.09451778	0.054345768	0.023361169	0.000210836	0.016275	0.003122678	0.859075	0.004639235	0.08608	
W	TOG_IDLEX	0	0	0	0	0.032225736	0.022942172	0.029076211	0.471098467	0.070451	0	0	0.315112269	0	
W	TOG_RESTL	0.019435	0.037936	0.030366	0.035829	0.000586023	0.000323264	0.000118042	9.93068E-07	0.000268	0.000303602	0.192861	0.000104299	0.161772	
W	TOG_RUNEX	0.01467	0.035335	0.023536	0.033783	0.126417012	0.140390897	0.219513766	0.207378919	0.120893	1.409280108	2.892723	0.109757788	0.115203	
W	TOG_RUNLS	0.259153	0.831808	0.533845	0.574603	0.646331268	0.379616493	0.144358537	0.001233418	0.188844	0.026879819	2.529894	0.040998842	1.887188	
W	TOG_STREX	0.319106	0.474756	0.447253	0.582776	0.102923133	0.05879028	0.060959575	2.94095E-06	0.108127	0.015465962	2.498786	0.031369621	0.12352	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2022
	Fleet Mix	0.569477	0.055134	0.189292	0.116453	0.020533688	0.004971441	0.008086891	0.006411806	0.000939	0.000397939	0.024459	0.000938531	0.002905	
A	CH4_IDLEX	0	0	0	0	0.005342804	0.003284358	0.00343661	0.024800935	0.00717	0	0	0.048997396	0	
A	CH4_RUNEX	0.002248	0.004836	0.003607	0.004478	0.009345011	0.007553999	0.00563902	0.052585925	0.005785	1.380647621	0.328946	0.006570811	0.012398	
A	CH4_STREX	0.051795	0.069372	0.071097	0.08502	0.016256497	0.009230481	0.009448035	4.88958E-07	0.017883	0.003161708	0.256691	0.00457877	0.023973	
A	CO_IDLEX	0	0	0	0	0.186880477	0.139800269	0.373927304	5.939212974	0.557851	0	0	2.07937161	0	
A	CO_RUNEX	0.60642	1.058006	0.84662	0.951895	0.840030164	0.662246567	0.484649944	0.525080736	0.588103	10.36518204	19.18808	0.537164931	1.342528	
A	CO_STREX	2.222155	2.427885	2.870625	3.295326	1.126372881	0.667192409	1.160112454	0.005867798	1.923202	0.156719089	9.0045	0.67726905	2.245874	
A	CO2_NBIO_IDLEX	0	0	0	0	9.015290291	14.10449379	75.80617983	1105.703068	95.81839	0	0	347.4661204	0	
A	CO2_NBIO_RUNEX	249.8037	297.6266	324.0674	392.5365	808.8533798	782.5523481	1131.308118	1510.656581	1365.971	1606.764816	210.2729	1071.121674	1557.001	
A	CO2_NBIO_STREX	52.93728	63.89098	70.12671	84.07758	12.11898182	8.089336548	9.182510982	0.05211087	15.55885	1.851728994	61.39967	3.8221535	19.21033	
A	NOX_IDLEX	0	0	0	0	0.060128162	0.102327684	0.564558109	5.917348542	0.468192	0	0	3.61152502	0	
A	NOX_RUNEX	0.037718	0.090563	0.076244	0.097269	0.824913706	0.995011938	2.060753772	3.510881156	1.734968	0.733263386	1.151611	5.089160522	1.431508	
A	NOX_STREX	0.188481	0.248939	0.294336	0.359105	0.338594058	0.193845003	1.380182496	2.046637573	1.015211	0.021886107	0.270649	0.769051007	0.247359	
A	PM10_IDLEX	0	0	0	0	0.000807812	0.001407942	0.001234518	0.003362027	0.000715	0	0	0.00420062	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060884359	0.13034	0.069382874	0.01176	0.744800211	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009710844	0.010728303	0.012000003	0.035493021	0.012	0.033326143	0.004	0.010941647	0.01308	
A	PM10_RUNEX	0.001418	0.001901	0.001433	0.001586	0.010855001	0.016239617	0.036789618	0.035043993	0.015536	0.005277609	0.001937	0.032641544	0.025443	
A	PM10_STREX	0.001817	0.002399	0.001798	0.002011	0.000269539	0.000141383	0.000119776	9.00263E-07	0.000137	1.86721E-06	0.003161	4.24917E-05	0.000291	
A	PM25_IDLEX	0	0	0	0	0.000772866	0.001347035	0.001181113	0.003216588	0.000684	0	0	0.004018903	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026093297	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002427711	0.002682076	0.003000001	0.008873255	0.003	0.008331536	0.001	0.002735412	0.00327	
A	PM25_RUNEX	0.001306	0.001749	0.001319	0.001463	0.010335287	0.015510311	0.035191696	0.03352798	0.014852	0.005049067	0.001812	0.031216654	0.024294	
A	PM25_STREX	0.001671	0.002206	0.001653	0.00185	0.000247831	0.000129997	0.00011013	8.27759E-07	0.000126	1.71683E-06	0.002978	3.90696E-05	0.000268	
A	ROG_DIURN	0.04137	0.089992	0.063125	0.072859	0.002146961	0.001164983	0.00044818	3.39912E-06	0.001063	0.000871866	0.908882	0.000495915	0.785269	
A	ROG_HTSK	0.096578	0.172031	0.125894	0.142703	0.08000886	0.045477288	0.02058451	0.000152206	0.015802	0.003364936	0.704215	0.004802448	0.065771	
A	ROG_IDLEX	0	0	0	0	0.022034737	0.016392284	0.019512587	0.429371666	0.048969	0	0	0.230769457	0	
A	ROG_RESTL	0.036169	0.071184	0.059302	0.06938	0.001082346	0.00058301	0.000221882	1.88626E-06	0.000468	0.000550188	0.497505	0.00020443	0.269886	
A	ROG_RUNEX	0.008751	0.021078	0.014754	0.019066	0.097642219	0.115345053	0.091706375	0.085274048	0.056753	0.020127368	2.228751	0.089364738	0.077715	
A	ROG_RUNLS	0.211067	0.622961	0.428556	0.457358	0.550051801	0.307842283	0.11899793	0.000923478	0.17424	0.024054116	2.060677	0.032627964	1.59462	
A	ROG_STREX	0.232918	0.341572	0.333118	0.42341	0.082360413	0.046498434	0.05147655	2.55882E-06	0.092027	0.013605485	1.954835	0.026129268	0.101688	
A	SO2_IDLEX	0	0	0	0	8.75213E-05	0.000134888	0.000718982	0.010296635	0.00091	0	0	0.003305416	0	
A	SO2_RUNEX	0.002471	0.002945	0.003206	0.00388	0.00790131	0.007559233	0.010780743	0.013852696	0.01315	0.011283683	0.002081	0.010222095	0.015286	
A	SO2_STREX	0.000524	0.000632	0.000694	0.000832	0.000119927	8.00505E-05	9.08684E-05	5.15679E-07	0.000154	1.83244E-05	0.000608	3.78233E-05	0.00019	
A	TOG_DIURN	0.04137	0.089992	0.063125	0.072859	0.002146961	0.001164983	0.00044818	3.39912E-06	0.001063	0.000871866	0.908882	0.000495915	0.785269	
A	TOG_HTSK	0.096578	0.172031	0.125894	0.142703	0.08000886	0.045477288	0.02058451	0.000152206	0.015802	0.003364936	0.704215	0.004802448	0.065771	
A	TOG_IDLEX	0	0	0	0	0.031140348	0.022171597	0.02602256	0.493694047	0.062813	0	0	0.329531282	0	
A	TOG_RESTL	0.036169	0.071184	0.059302	0.06938	0.001082346	0.00058301	0.000221882	1.88626E-06	0.000468	0.000550188	0.497505	0.00020443	0.269886	
A	TOG_RUNEX	0.012724	0.030717	0.021488	0.027681	0.120865238	0.135327028	0.107209326	0.146060834	0.070712	1.409516626	2.753726	0.106685191	0.10403	
A	TOG_RUNLS	0.211067	0.622961	0.428556	0.457358	0.550051801	0.307842283	0.11899793	0.000923478	0.17424	0.024054116	2.060677	0.032627964	1.59462	
A	TOG_STREX	0.255015	0.373977	0.364721	0.463576	0.090174285	0.050909932	0.056360343	2.80159E-06	0.100758	0.014896293	2.127328	0.028608259	0.111335	
S	CH4_IDLEX	0	0	0	0	0.005357994	0.003293029	0.003233679	0.025944806	0.007232	0	0	0.049037831	0	
S	CH4_RUNEX	0.002537	0.005397	0.004054	0.005028	0.009582201	0.007647303	0.005704379	0.052587657	0.005922	1.380652101	0.320148	0.006672993	0.012822	
S	CH4_STREX	0.043618	0.058004	0.0598	0.071425	0.015366647	0.008724553	0.008898459	4.56551E-07	0.016778	0.002811168	0.215975	0.003849043	0.022338	
S	CO_IDLEX	0	0	0	0	0.186880477	0.139800269	0.306840969	5.813902747	0.5448	0	0	2.03840109	0	
S	CO_RUNEX	0.716115	1.230577	0.993302	1.11285	0.860074202	0.669716548	0.491535952	0.525638452	0.602237	10.36547785	18.49289	0.548155836	1.394898	
S	CO_STREX	1.750022	1.905487	2.256495	2.580966	1.046206492	0.619926991	1.066352318	0.005393855	1.753026	0.127457225	7.866178	0.497498805	2.044975	
S	CO2_NBIO_IDLEX	0	0	0	0	9.015290291	14.10449379	76.72761829	1101.348983	95.53269	0	0	357.3576333	0	
S	CO2_NBIO_RUNEX	268.883	317.2625	343.526	412.5262	808.8906467	782.5660596	1131.320381	1510.657511	1365.996	1606.765341	208.8873	1071.141331	1557.094	
S	CO2_NBIO_STREX	52.05537	62.86124	68.96122	82.69978	11.97581619	8.005334096	9.02316178	0.051359101	15.2692	1.800087846	58.50601	3.523162137	18.86975	
S	NOX_IDLEX	0	0	0	0	0.060128162	0.102327684	0.565556111	5.735174772	0.456598	0	0	3.69954313	0	
S	NOX_RUNEX	0.033947	0.08073	0.068321	0.087131	0.786299247	0.954240343	1.977722221	3.382044002	1.659463	0.732324601	1.014538	4.886073338	1.353819	
S	NOX_STREX	0.167678	0.221501	0.261866	0.319483	0.316466432	0.181177485	1.374228538	2.04661207	1.002288	0.020408806	0.2487	0.765700358	0.230704	
S	PM10_IDLEX	0	0	0	0	0.000807812	0.001407942	0.001043669	0.002952231	0.000608	0	0	0.003548492	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060884359	0.13034	0.069382874	0.01176	0.744800211	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009710844	0.010728303	0.012000003	0.035493021	0.012	0.033326143	0.004	0.010941647	0.01308	
S	PM10_RUNEX	0.001418	0.001901	0.001433	0.001586	0.010855001	0.016239617	0.036789618	0.035043993	0.015536	0.005277609	0.001937	0.032641544	0.025443	
S	PM10_STREX	0.001817	0.002399	0.001798	0.002011	0.000269539	0.000141383	0.000119776	9.00263E-07	0.000137	1.86721E-06	0.003161	4.24917E-05	0.000291	
S	PM25_IDLEX	0	0	0	0	0.000772866	0.001347035	0.000998521	0.002824518	0.000582	0	0	0.003394986	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026093297	0.05586	0.029735517	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002427711	0.002682076	0.003000001	0.008873255	0.003	0.008331536	0.001	0.002735412	0.00327	
S	PM25_RUNEX	0.001306	0.001749	0.001319	0.001463	0.010335287	0.015510311	0.035191696	0.03352798	0.014852	0.005049067	0.001812	0.031216654	0.024294	
S	PM25_STREX	0.001671	0.002206	0.001653	0.00185	0.000247831	0.000129997	0.00011013	8.27759E-07	0.000126	1.71683E-06	0.002978	3.90696E-05	0.000268	
S	ROG_DIURN	0.094425	0.208571	0.141989	0.163645	0.004862389	0.002648723	0.001045897	8.73984E-06	0.00234	0.001866112	2.336896	0.001118312	1.773673	
S	ROG_HTSK	0.106447	0.195995	0.138792	0.15659	0.089065177	0.051520933	0.023309255	0.00016782	0.016788	0.003637661	0.93384	0.005041419	0.071608	
S	ROG_IDLEX	0	0	0	0	0.022034737	0.016392284	0.018679163	0.449646372	0.049853	0	0	0.230400061	0	
S	ROG_RESTL	0.073808	0.147192	0.118825	0.139467	0.002258258	0.001222899	0.000489937	4.83693E-06	0.000963	0.001053736	1.340206	0.000437751	0.568082	
S	ROG_RUNEX	0.009728	0.023264	0.01636	0.021082	0.098916612	0.115778923	0.092019007	0.085284683	0.057404	0.020140375	2.149209	0.089883042	0.080001	
S	ROG_RUNLS	0.198215	0.575614	0.397578	0.42573	0.533507196	0.298116668	0.114907097	0.000925534	0.169374	0.021568776	1.92728	0.027526111	1.555104	
S	ROG_STREX	0.193131	0.281478	0.275902	0.350271	0.07756508	0.043792338	0.048279167	2.39989E-06	0.086095	0.012038741	1.627046	0.021945904	0.095093	
S	SO2_IDLEX	0	0	0	0	8.75213E-05	0.000134888	0.00072783	0.010256364	0.000908	0	0	0.003398866	0	
S	SO2_RUNEX	0.00266	0.00314	0.003399	0.004078	0.007901679	0.007559369	0.010780864	0.013852706	0.013151	0.011283688	0.002067	0.010222289	0.015287	
S	SO2_STREX	0.000515	0.000622	0.000682	0.000818	0.00011851	7.92193E-05	8.92915E-05	5.0824E-07	0.000151	1.78133E-05	0.000579	3.48645E-05	0.000187	
S	TOG_DIURN	0.094425	0.208571	0.141989	0.163645	0.004862389	0.002648723	0.001045897	8.73984E-06	0.00234	0.001866112	2.336896	0.001118312	1.773673	
S	TOG_HTSK	0.106447	0.195995	0.138792	0.15659	0.089065177	0.051520933	0.023309255	0.00016782	0.016788	0.003637661	0.93384	0.005041419	0.071608	
S	TOG_IDLEX	0	0	0	0	0.031140348	0.022171597	0.024802794	0.516978111	0.063818	0	0	0.329110752	0	
S	TOG_RESTL	0.073808	0.147192	0.118825	0.139467	0.002258258	0.001222899	0.000489937	4.83693E-06	0.000963	0.001053736	1.340206	0.000437751	0.568082	
S	TOG_RUNEX	0.014149	0.033905	0.023831	0.030621	0.122724829	0.13596013	0.107665518	0.146076353	0.071661	1.409535605	2.658338	0.1074415	0.107366	
S	TOG_RUNLS	0.198215	0.575614	0.397578	0.42573	0.533507196	0.298116668	0.114907097	0.000925534	0.169374	0.021568776	1.92728	0.027526111	1.555104	
S	TOG_STREX	0.211454	0.308181	0.302078	0.383499	0.084923999	0.047947097	0.05285961	2.62757E-06	0.094264	0.013180906	1.770714	0.024028002	0.104114	
W	CH4_IDLEX	0	0	0	0	0.005329744	0.003276894	0.003639452	0.023221303	0.007096	0	0	0.048967993	0	
W	CH4_RUNEX	0.002161	0.004677	0.003472	0.004324	0.009159002	0.007479221	0.005588299	0.052584628	0.005678	1.380644212	0.339611	0.006488704	0.01208	
W	CH4_STREX	0.057784	0.077734	0.079384	0.095016	0.017018757	0.009663956	0.009896227	5.15828E-07	0.01877	0.00345455	0.29593	0.005234574	0.025304	
W	CO_IDLEX	0	0	0	0	0.186880477	0.139800269	0.445602462	6.112260431	0.575875	0	0	2.135949946	0	
W	CO_RUNEX	0.594192	1.041205	0.830768	0.936653	0.824504353	0.656419282	0.479455363	0.524665639	0.577413	10.36496283	20.69022	0.528537417	1.303871	
W	CO_STREX	2.604604	2.851435	3.368612	3.875458	1.204703523	0.713225519	1.245037487	0.006296424	2.075021	0.183478523	10.31567	0.858293026	2.42776	
W	CO2_NBIO_IDLEX	0	0	0	0	9.015290291	14.10449379	74.65509771	1111.715852	96.21292	0	0	333.8064121	0	
W	CO2_NBIO_RUNEX	246.6697	294.4099	320.8747	389.2612	808.8245259	782.5416264	1131.298849	1510.655889	1365.952	1606.764427	212.9902	1071.106216	1556.933	
W	CO2_NBIO_STREX	53.64484	64.71641	71.06191	85.18433	12.25699792	8.170122656	9.325986374	0.052790717	15.81555	1.898582278	64.55162	4.121736828	19.51664	
W	NOX_IDLEX	0	0	0	0	0.060128162	0.102327684	0.56319679	6.168921844	0.484201	0	0	3.489976202	0	
W	NOX_RUNEX	0.041168	0.099107	0.083349	0.106322	0.843575268	1.013178852	2.095933866	3.566330183	1.769056	0.733812807	1.234596	5.179321149	1.470395	
W	NOX_STREX	0.204383	0.269869	0.319139	0.389374	0.358319688	0.205137976	1.385311134	2.046659515	1.026507	0.023088567	0.288321	0.771887746	0.261916	
W	PM10_IDLEX	0	0	0	0	0.000807812	0.001407942	0.00149807	0.003927937	0.000863	0	0	0.005101178	0	
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060884359	0.13034	0.069382874	0.01176	0.744800211	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009710844	0.010728303	0.012000003	0.035493021	0.012	0.033326143	0.004	0.010941647	0.01308	
W	PM10_RUNEX	0.001418	0.001901	0.001433	0.001586	0.010855001	0.016239617	0.036789618	0.035043993	0.015536	0.005277609	0.001937	0.032641544	0.025443	
W	PM10_STREX	0.001817	0.002399	0.001798	0.002011	0.000269539	0.000141383	0.000119776	9.00263E-07	0.000137	1.86721E-06	0.003161	4.24917E-05	0.000291	
W	PM25_IDLEX	0	0	0	0	0.000772866	0.001347035	0.001433264	0.003758016	0.000825	0	0	0.004880503	0	

W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026093297	0.05586	0.029735517	0.00504	0.31920009	0.05586
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002427711	0.002682076	0.003000001	0.008873255	0.003	0.008331536	0.001	0.002735412	0.00327
W	PM25_RUNEX	0.001306	0.001749	0.001319	0.001463	0.010335287	0.015510311	0.035191696	0.03352798	0.014852	0.005049067	0.001812	0.031216654	0.024294
W	PM25_STREX	0.001671	0.002206	0.001653	0.00185	0.000247831	0.000129997	0.00011013	8.27759E-07	0.000126	1.71683E-06	0.002978	3.90696E-05	0.000268
W	ROG_DIURN	0.020669	0.044314	0.031941	0.036908	0.001075087	0.000587459	0.000219979	1.55848E-06	0.000582	0.000517021	0.396745	0.000264044	0.394003
W	ROG_HTSK	0.100828	0.184637	0.131189	0.148543	0.089139391	0.050027421	0.021928748	0.000172534	0.016243	0.003464345	0.842298	0.004904696	0.077833
W	ROG_IDLEX	0	0	0	0	0.022034737	0.016392284	0.020341691	0.401373264	0.04775	0	0	0.231279577	0
W	ROG_RESTL	0.018077	0.035289	0.029982	0.034906	0.000564129	0.000306744	0.000112207	8.28172E-07	0.000268	0.000336999	0.191837	0.000115761	0.149646
W	ROG_RUNEX	0.008515	0.020611	0.014368	0.018665	0.096657996	0.115000681	0.091466399	0.085266167	0.056251	0.020117569	2.322567	0.088951185	0.076024
W	ROG_RUNLS	0.248438	0.765536	0.520499	0.552023	0.610518866	0.343998044	0.134563994	0.000999094	0.190462	0.030794648	2.450789	0.042571535	1.712584
W	ROG_STREX	0.263113	0.387474	0.376573	0.479182	0.08648847	0.048828238	0.054116964	2.69007E-06	0.09681	0.014927536	2.277942	0.029896937	0.107054
W	SO2_IDLEX	0	0	0	0	8.75213E-05	0.000134888	0.000707964	0.010352247	0.000914	0	0	0.003176366	0
W	SO2_RUNEX	0.00244	0.002913	0.003174	0.003848	0.007901025	0.007559127	0.010780651	0.013852689	0.01315	0.011283679	0.002108	0.010221942	0.015286
W	SO2_STREX	0.000531	0.00064	0.000703	0.000843	0.000121293	8.085E-05	9.22882E-05	5.22407E-07	0.000157	1.8788E-05	0.000639	4.07879E-05	0.000193
W	TOG_DIURN	0.020669	0.044314	0.031941	0.036908	0.001075087	0.000587459	0.000219979	1.55848E-06	0.000582	0.000517021	0.396745	0.000264044	0.394003
W	TOG_HTSK	0.100828	0.184637	0.131189	0.148543	0.089139391	0.050027421	0.021928748	0.000172534	0.016243	0.003464345	0.842298	0.004904696	0.077833
W	TOG_IDLEX	0	0	0	0	0.031140348	0.022171597	0.027237409	0.461539864	0.061424	0	0	0.330112014	0
W	TOG_RESTL	0.018077	0.035289	0.029982	0.034906	0.000564129	0.000306744	0.000112207	8.28172E-07	0.000268	0.000336999	0.191837	0.000115761	0.149646
W	TOG_RUNEX	0.01238	0.030033	0.020924	0.027093	0.119429061	0.134824521	0.106859154	0.146049335	0.069978	1.409502327	2.866829	0.106081735	0.101562
W	TOG_RUNLS	0.248438	0.765536	0.520499	0.552023	0.610518866	0.343998044	0.134563994	0.000999094	0.190462	0.030794648	2.450789	0.042571535	1.712584
W	TOG_STREX	0.288074	0.424233	0.412299	0.524637	0.094693988	0.053460774	0.059251264	2.94529E-06	0.105995	0.016343773	2.478822	0.032733382	0.117211

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2023
	Fleet Mix	0.571175	0.055403	0.188166	0.116095	0.020429364	0.005040794	0.007816567	0.006362497	0.000912	0.000388943	0.024445	0.000926867	0.002838	
A	CH4_IDLEX	0	0	0	0	0.005161736	0.003155105	0.003545112	0.024833819	0.007063	0	0	0.05147896	0	
A	CH4_RUNEX	0.001958	0.004163	0.003245	0.00391	0.008545392	0.007060135	0.001932	0.049536467	0.004013	1.348780929	0.326994	0.006356388	0.0108	
A	CH4_STREX	0.047744	0.063181	0.066279	0.077681	0.015000073	0.008430614	0.009486962	4.90854E-07	0.017607	0.00159647	0.255241	0.004783471	0.023194	
A	CO_IDLEX	0	0	0	0	0.185248771	0.138441531	0.388783267	6.342287544	0.573374	0	0	2.176397967	0	
A	CO_RUNEX	0.560556	0.943889	0.785446	0.863028	0.768918537	0.621060585	0.261063046	0.395696608	0.470154	10.11651565	18.86893	0.518650021	1.109312	
A	CO_STREX	2.154744	2.339938	2.777918	3.121148	1.083380664	0.631319928	1.136225289	0.005919328	1.895072	0.156719089	9.034026	0.699825165	2.132057	
A	CO2_NBIO_IDLEX	0	0	0	0	8.942095057	14.00074083	73.35401339	1065.376459	91.92835	0	0	347.3949069	0	
A	CO2_NBIO_RUNEX	242.2278	289.2637	312.8205	378.6349	794.1566241	768.7296133	1095.064833	1436.676046	1341.742	1597.130195	210.1672	1060.993904	1532.749	
A	CO2_NBIO_STREX	51.36962	62.08836	67.72596	80.99621	11.82810682	7.832832648	9.380273318	0.049284883	15.47806	1.566683834	61.03922	3.981794686	18.67936	
A	NOX_IDLEX	0	0	0	0	0.058294694	0.098034077	0.431519092	5.438234036	0.369473	0	0	3.52786892	0	
A	NOX_RUNEX	0.033049	0.078018	0.067331	0.083433	0.730307613	0.876464483	1.444055765	2.680938629	1.441249	0.728907699	1.148719	4.873886034	1.363761	
A	NOX_STREX	0.176035	0.230104	0.270228	0.324142	0.321258575	0.182356175	1.696525892	2.321334599	1.089647	0.011299405	0.270672	0.811844059	0.245583	
A	PM10_IDLEX	0	0	0	0	0.000825462	0.00142301	0.000426986	0.00267045	0.00012	0	0	0.003904521	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060919337	0.13034	0.069382874	0.01176	0.744800211	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009747246	0.010750289	0.012000003	0.03551304	0.012	0.033326143	0.004	0.010908547	0.013099	
A	PM10_RUNEX	0.001351	0.00176	0.001385	0.001506	0.010210018	0.015665082	0.006955037	0.024670765	0.007029	0.005328073	0.001969	0.031247269	0.023972	
A	PM10_STREX	0.001744	0.002244	0.001745	0.001909	0.00025764	0.000133314	0.000119183	7.19411E-07	0.000142	1.70931E-05	0.003039	4.55008E-05	0.000274	
A	PM25_IDLEX	0	0	0	0	0.000789753	0.001361451	0.000348515	0.002554927	0.000115	0	0	0.003735613	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026108287	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002436812	0.002687572	0.003000001	0.00887826	0.003	0.008331536	0.001	0.002727137	0.003275	
A	PM25_RUNEX	0.001245	0.00162	0.001275	0.001389	0.009719552	0.014961557	0.006647721	0.023603494	0.006712	0.005095998	0.00184	0.029882235	0.022889	
A	PM25_STREX	0.001604	0.002063	0.001605	0.001756	0.00023689	0.000122578	0.000109585	6.61472E-07	0.00013	1.57165E-05	0.002859	4.18363E-05	0.000252	
A	ROG_DIURN	0.038061	0.081935	0.061252	0.070132	0.002024361	0.001069804	0.000416758	2.53874E-06	0.001084	8.72812E-05	0.904778	0.000537424	0.707189	
A	ROG_HTSK	0.090006	0.157935	0.120743	0.135462	0.075634784	0.04191119	0.019674477	0.00011586	0.016051	0.000150045	0.689105	0.005220562	0.05968	
A	ROG_IDLEX	0	0	0	0	0.021315919	0.0159009	0.018316083	0.428946297	0.045786	0	0	0.241386332	0	
A	ROG_RESTL	0.033645	0.065921	0.058207	0.067445	0.00103226	0.000546686	0.000210691	1.40536E-06	0.00048	3.52487E-05	0.492527	0.000226857	0.247171	
A	ROG_RUNEX	0.007454	0.017904	0.013136	0.016455	0.092959472	0.111602907	0.017070986	0.025760254	0.025484	0.019671993	2.208057	0.086452713	0.06941	
A	ROG_RUNLS	0.202716	0.577379	0.418228	0.440523	0.521043095	0.276429292	0.112018743	0.000593596	0.177971	0.000666447	1.969445	0.035286202	1.439379	
A	ROG_STREX	0.211209	0.305874	0.30728	0.382014	0.075776439	0.042231232	0.050852602	2.56712E-06	0.090401	0.00662606	1.941958	0.02731848	0.096685	
A	SO2_IDLEX	0	0	0	0	8.67745E-05	0.000133859	0.000695911	0.009914298	0.000873	0	0	0.00330578	0	
A	SO2_RUNEX	0.002396	0.002862	0.003095	0.003743	0.007755324	0.007423784	0.010439183	0.013153522	0.012917	0.011292931	0.00208	0.010128834	0.015045	
A	SO2_STREX	0.000508	0.000614	0.00067	0.000802	0.000117049	7.75122E-05	9.28254E-05	4.87714E-07	0.000153	1.55036E-05	0.000604	3.94031E-05	0.000185	
A	TOG_DIURN	0.038061	0.081935	0.061252	0.070132	0.002024361	0.001069804	0.000416758	2.53874E-06	0.001084	8.72812E-05	0.904778	0.000537424	0.707189	
A	TOG_HTSK	0.090006	0.157935	0.120743	0.135462	0.075634784	0.04191119	0.019674477	0.00011586	0.016051	0.000150045	0.689105	0.005220562	0.05968	
A	TOG_IDLEX	0	0	0	0	0.030064089	0.021431852	0.024849579	0.493262188	0.059237	0	0	0.345171708	0	
A	TOG_RESTL	0.033645	0.065921	0.058207	0.067445	0.00103226	0.000546686	0.000210691	1.40536E-06	0.00048	3.52487E-05	0.492527	0.000226857	0.247171	
A	TOG_RUNEX	0.010837	0.026103	0.019132	0.023892	0.114265867	0.130418691	0.021706378	0.078007034	0.034475	1.376989831	2.736079	0.103211302	0.092037	
A	TOG_RUNLS	0.202716	0.577379	0.418228	0.440523	0.521043095	0.276429292	0.112018743	0.000593596	0.177971	0.000666447	1.969445	0.035286202	1.439379	
A	TOG_STREX	0.231246	0.334893	0.336433	0.418254	0.082965663	0.046237883	0.055677198	2.81067E-06	0.098977	0.007254702	2.11358	0.029910296	0.105858	
S	CH4_IDLEX	0	0	0	0	0.005176464	0.003163499	0.003340018	0.026196553	0.007151	0	0	0.051527306	0	
S	CH4_RUNEX	0.002211	0.004651	0.00365	0.004395	0.008750325	0.007139353	0.001985498	0.049537927	0.004137	1.348785137	0.318657	0.006455551	0.011153	
S	CH4_STREX	0.040239	0.052897	0.055784	0.065313	0.014180383	0.007969759	0.008938993	4.58324E-07	0.016521	0.001414656	0.215087	0.004021259	0.021616	
S	CO_IDLEX	0	0	0	0	0.185248771	0.138441531	0.325895732	6.251284223	0.568121	0	0	2.136989329	0	
S	CO_RUNEX	0.662241	1.099659	0.922172	1.010219	0.786266114	0.627326435	0.266507438	0.396214502	0.482619	10.11666034	18.20171	0.529164481	1.151155	
S	CO_STREX	1.6981	1.839185	2.184797	2.447364	1.006721397	0.586883327	1.044428958	0.005441224	1.727369	0.127457225	7.876149	0.514067759	1.941767	
S	CO2_NBIO_IDLEX	0	0	0	0	8.942095057	14.00074083	73.47538458	1053.450525	90.82254	0	0	356.8202744	0	
S	CO2_NBIO_RUNEX	260.6969	308.2688	331.5079	397.6908	794.1887932	768.741095	1095.074521	1436.676904	1341.764	1597.130481	208.8393	1061.012734	1532.823	
S	CO2_NBIO_STREX	50.52498	61.11478	66.60898	79.70727	11.69180677	7.754159946	9.224166984	0.048526516	15.19268	1.517740391	58.13079	3.67267414	18.35672	
S	NOX_IDLEX	0	0	0	0	0.058294694	0.098034077	0.423863269	5.201148918	0.350999	0	0	3.610721434	0	
S	NOX_RUNEX	0.029751	0.069589	0.060349	0.074772	0.696403168	0.840820567	1.385207827	2.582301592	1.377701	0.728619793	1.012264	4.678974621	1.291785	
S	NOX_STREX	0.156606	0.204739	0.240417	0.288377	0.300264264	0.170439607	1.690465789	2.321316484	1.076791	0.010536701	0.248815	0.808245862	0.229049	
S	PM10_IDLEX	0	0	0	0	0.000825462	0.00142301	0.000363116	0.002334691	0.000107	0	0	0.003299108	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060919337	0.13034	0.069382874	0.01176	0.744800211	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009747246	0.010750289	0.012000003	0.03551304	0.012	0.033326143	0.004	0.010908547	0.013099	
S	PM10_RUNEX	0.001351	0.00176	0.001385	0.001506	0.010210018	0.015665082	0.006955037	0.024670765	0.007029	0.005328073	0.001969	0.031247269	0.023972	
S	PM10_STREX	0.001744	0.002244	0.001745	0.001909	0.00025764	0.000133314	0.000119183	7.19411E-07	0.000142	1.70931E-05	0.003039	4.55008E-05	0.000274	
S	PM25_IDLEX	0	0	0	0	0.000789753	0.001361451	0.000347407	0.002233693	0.000102	0	0	0.00315639	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026108287	0.05586	0.029735517	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002436812	0.002687572	0.003000001	0.00887826	0.003	0.008331536	0.001	0.002727137	0.003275	
S	PM25_RUNEX	0.001245	0.00162	0.001275	0.001389	0.009719552	0.014961557	0.006647721	0.023603494	0.006712	0.005095998	0.00184	0.029882235	0.022889	
S	PM25_STREX	0.001604	0.002063	0.001605	0.001756	0.00023689	0.000122578	0.000109585	6.61472E-07	0.00013	1.57165E-05	0.002859	4.18363E-05	0.000252	
S	ROG_DIURN	0.086683	0.1891	0.137291	0.157039	0.004563503	0.002421456	0.000965629	6.49693E-06	0.002381	0.000231019	2.325788	0.001202912	1.591837	
S	ROG_HTSK	0.098836	0.179074	0.132735	0.148462	0.083986587	0.047310197	0.022201167	0.000127463	0.017017	0.000240435	0.919502	0.005457459	0.064914	
S	ROG_IDLEX	0	0	0	0	0.021315919	0.0159009	0.017645602	0.453687606	0.047206	0	0	0.241098143	0	
S	ROG_RESTL	0.068338	0.135267	0.115931	0.13487	0.002134633	0.001137185	0.000458797	3.52555E-06	0.000983	0.000117038	1.326783	0.000478689	0.516876	
S	ROG_RUNEX	0.008288	0.019775	0.01457	0.018204	0.094042861	0.111962309	0.017316286	0.025768737	0.026067	0.019684999	2.132633	0.086954393	0.071266	
S	ROG_RUNLS	0.190115	0.533472	0.387815	0.4098	0.505285063	0.267682444	0.108054821	0.000590415	0.173002	0.000597042	1.839827	0.02984849	1.403721	
S	ROG_STREX	0.175213	0.252292	0.254595	0.316189	0.071370352	0.039777138	0.047693974	2.40767E-06	0.084574	0.005863034	1.619121	0.02294472	0.090425	
S	SO2_IDLEX	0	0	0	0	8.67745E-05	0.000133859	0.000697204	0.009802604	0.000863	0	0	0.003394826	0	
S	SO2_RUNEX	0.002579	0.003051	0.00328	0.003931	0.007755642	0.007423898	0.010439279	0.013153531	0.012917	0.011292934	0.002067	0.01012902	0.015046	
S	SO2_STREX	0.0005	0.000605	0.000659	0.000789	0.0001157	7.67337E-05	9.12806E-05	4.80209E-07	0.00015	1.50193E-05	0.000575	3.63441E-05	0.000182	
S	TOG_DIURN	0.086683	0.1891	0.137291	0.157039	0.004563503	0.002421456	0.000965629	6.49693E-06	0.002381	0.000231019	2.325788	0.001202912	1.591837	
S	TOG_HTSK	0.098836	0.179074	0.132735	0.148462	0.083986587	0.047310197	0.022201167	0.000127463	0.017017	0.000240435	0.919502	0.005457459	0.064914	
S	TOG_IDLEX	0	0	0	0	0.030064089	0.021431852	0.023801853	0.52164263	0.060853	0	0	0.344843627	0	
S	TOG_RESTL	0.068338	0.135267	0.115931	0.13487	0.002134633	0.001137185	0.000458797	3.52555E-06	0.000983	0.000117038	1.326783	0.000478689	0.516876	
S	TOG_RUNEX	0.012053	0.028833	0.021223	0.026442	0.115846746	0.130943131	0.02206432	0.078019412	0.035326	1.377008811	2.645194	0.103943354	0.094746	
S	TOG_RUNLS	0.190115	0.533472	0.387815	0.4098	0.505285063	0.267682444	0.108054821	0.000590415	0.173002	0.000597042	1.839827	0.02984849	1.403721	
S	TOG_STREX	0.191836	0.276228	0.27875	0.346185	0.078141552	0.043550959	0.052218898	2.63609E-06	0.092598	0.006419285	1.762307	0.02512158	0.099004	
W	CH4_IDLEX	0	0	0	0	0.005149073	0.00314788	0.003746555	0.022951947	0.006955	0	0	0.051440667	0	
W	CH4_RUNEX	0.001881	0.004021	0.003122	0.003772	0.008384273	0.006996564	0.001890359	0.049535365	0.003916	1.348777718	0.337207	0.006276703	0.010534	
W	CH4_STREX	0.053238	0.070738	0.073977	0.08677	0.015702502	0.00882561	0.009933446	5.17826E-07	0.018478	0.001749015	0.293857	0.005468436	0.024479	
W	CO_IDLEX	0	0	0	0	0.185248771	0.138441531	0.453634063	6.467958797	0.580626	0	0	2.230819418	0	
W	CO_RUNEX	0.549144	0.928039	0.770435	0.848435	0.755468084	0.616170368	0.256949513	0.395309695	0.460728	10.11640842	20.32173	0.510396503	1.078374	
W	CO_STREX	2.524514	2.745617	3.25873	3.667978	1.158348223	0.674671369	1.219297011	0.006351719	2.044704	0.183478523	10.35595	0.886878055	2.303819	
W	CO2_NBIO_IDLEX	0	0	0	0	8.942095057	14.00074083	73.31126248	1081.845606	93.45542	0	0	334.3789232	0	

W	CO2_NBIO_RUNEX	239.1935	286.1481	309.7535	375.5108	794.1316857	768.7206295	1095.057497	1436.675405	1341.725	1597.129983	212.7928	1060.979095	1532.694
W	CO2_NBIO_STREX	52.04731	62.86854	68.6223	82.03126	11.95967175	7.908642534	9.520703644	0.049970698	15.73101	1.611260737	64.18982	4.291509877	18.96868
W	NOX_IDLEX	0	0	0	0	0.058294694	0.098034077	0.442109119	5.765637295	0.394985	0	0	3.413453543	0
W	NOX_RUNEX	0.036071	0.085365	0.073599	0.091182	0.746687963	0.892326306	1.46915288	2.723246693	1.470038	0.729076196	1.231272	4.960554774	1.399336
W	NOX_STREX	0.190886	0.249457	0.293	0.351465	0.33998303	0.192984971	1.701745986	2.321350203	1.100884	0.011920214	0.288275	0.814890376	0.260036
W	PM10_IDLEX	0	0	0	0	0.000825462	0.00142301	0.000515188	0.003134116	0.000139	0	0	0.004740567	0
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060919337	0.13034	0.069382874	0.01176	0.744800211	0.13034
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009747246	0.010750289	0.012000003	0.03551304	0.012	0.033326143	0.004	0.010908547	0.013099
W	PM10_RUNEX	0.001351	0.00176	0.001385	0.001506	0.010210018	0.015665082	0.006955037	0.024670765	0.007029	0.005328073	0.001969	0.031247269	0.023972
W	PM10_STREX	0.001744	0.002244	0.001745	0.001909	0.00025764	0.000133314	0.000119183	7.19411E-07	0.000142	1.70931E-05	0.003039	4.55008E-05	0.000274
W	PM25_IDLEX	0	0	0	0	0.000789753	0.001361451	0.000492902	0.002998536	0.000133	0	0	0.004535492	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026108287	0.05586	0.029735517	0.00504	0.31920009	0.05586
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002436812	0.002687572	0.003000001	0.00887826	0.003	0.008331536	0.001	0.002727137	0.003275
W	PM25_RUNEX	0.001245	0.00162	0.001275	0.001389	0.009719552	0.014961557	0.006647721	0.023603494	0.006712	0.005095998	0.00184	0.029882235	0.022889
W	PM25_STREX	0.001604	0.002063	0.001605	0.001756	0.00023689	0.000122578	0.000109585	6.61472E-07	0.00013	1.57165E-05	0.002859	4.18363E-05	0.000252
W	ROG_DIURN	0.019038	0.040494	0.031062	0.035589	0.001018838	0.000543194	0.000206637	1.17941E-06	0.000595	4.07968E-05	0.395348	0.000289019	0.3578
W	ROG_HTSK	0.093804	0.168902	0.125618	0.14081	0.083985249	0.045754052	0.020846148	0.000130013	0.016483	0.000180262	0.821576	0.005321807	0.069942
W	ROG_IDLEX	0	0	0	0	0.021315919	0.0159009	0.018904191	0.394779726	0.043825	0	0	0.241784306	0
W	ROG_RESTL	0.016873	0.032862	0.029547	0.034059	0.000541456	0.000289522	0.000107909	6.36047E-07	0.000276	1.37581E-05	0.190414	0.000129344	0.137885
W	ROG_RUNEX	0.00725	0.017485	0.012785	0.016091	0.092120393	0.111317105	0.016881826	0.025753905	0.025034	0.019662194	2.297712	0.086052423	0.068031
W	ROG_RUNLS	0.239205	0.70921	0.508232	0.532146	0.578327607	0.30903248	0.126797772	0.00064501	0.194498	0.000850925	2.34954	0.045879023	1.546263
W	ROG_STREX	0.238494	0.346735	0.347267	0.432151	0.079570693	0.044344869	0.053461011	2.6988E-06	0.0951	0.007269918	2.259461	0.031257625	0.101768
W	SO2_IDLEX	0	0	0	0	8.67745E-05	0.000133859	0.00069536	0.010068542	0.000888	0	0	0.003182812	0
W	SO2_RUNEX	0.002366	0.002832	0.003064	0.003712	0.007755077	0.007423695	0.010439111	0.013153516	0.012916	0.011292929	0.002106	0.010128687	0.015045
W	SO2_STREX	0.000515	0.000622	0.000679	0.000812	0.000118351	7.82624E-05	9.42151E-05	4.94501E-07	0.000156	1.59447E-05	0.000635	4.2468E-05	0.000188
W	TOG_DIURN	0.019038	0.040494	0.031062	0.035589	0.001018838	0.000543194	0.000206637	1.17941E-06	0.000595	4.07968E-05	0.395348	0.000289019	0.3578
W	TOG_HTSK	0.093804	0.168902	0.125618	0.14081	0.083985249	0.045754052	0.020846148	0.000130013	0.016483	0.000180262	0.821576	0.005321807	0.069942
W	TOG_IDLEX	0	0	0	0	0.030064089	0.021431852	0.025803529	0.45407015	0.057005	0	0	0.345624772	0
W	TOG_RESTL	0.016873	0.032862	0.029547	0.034059	0.000541456	0.000289522	0.000107909	6.36047E-07	0.000276	1.37581E-05	0.190414	0.000129344	0.137885
W	TOG_RUNEX	0.010539	0.02549	0.018618	0.023358	0.113041485	0.130001651	0.021430357	0.07799777	0.033818	1.376975533	2.844668	0.102627201	0.090026
W	TOG_RUNLS	0.239205	0.70921	0.508232	0.532146	0.578327607	0.30903248	0.126797772	0.00064501	0.194498	0.000850925	2.34954	0.045879023	1.546263
W	TOG_STREX	0.261121	0.37963	0.380213	0.473146	0.087119894	0.048552049	0.058533078	2.95484E-06	0.104122	0.007959645	2.459024	0.034223165	0.111423

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2024
	Fleet Mix	0.572464	0.055653	0.18706	0.115672	0.020329229	0.005101809	0.007933631	0.006403897	0.0009	0.000380151	0.024412	0.000913607	0.002776	
A	CH4_IDLEX	0	0	0	0	0.004987596	0.003037696	0.003578573	0.024725094	0.007064	0	0	0.0539666	0	
A	CH4_RUNEX	0.00172	0.003601	0.002932	0.0034	0.0078583	0.006654219	0.001694356	0.049109234	0.003624	1.349012415	0.325313	0.00601801	0.009557	
A	CH4_STREX	0.044075	0.05761	0.06177	0.070824	0.013865232	0.007729079	0.009132259	4.43811E-07	0.017163	0.001732821	0.253919	0.004972221	0.02247	
A	CO_IDLEX	0	0	0	0	0.183740193	0.137238556	0.390727115	6.332534788	0.580075	0	0	2.27398123	0	
A	CO_RUNEX	0.522973	0.851168	0.73499	0.78141	0.708735006	0.587734143	0.232554475	0.401352061	0.42749	10.11873207	18.59611	0.493782852	0.933761	
A	CO_STREX	2.081917	2.255437	2.689608	2.946132	1.045962872	0.600452796	1.069370713	0.005942222	1.839982	0.156719089	9.061179	0.715904218	2.032378	
A	CO2_NBIO_IDLEX	0	0	0	0	8.858718913	13.87897894	72.07972341	1048.877326	92.65691	0	0	346.7844726	0	
A	CO2_NBIO_RUNEX	234.5944	280.8587	301.7532	364.8671	779.3386805	754.9172126	1080.759721	1413.895929	1326.082	1597.162055	210.0772	1049.23015	1501.42	
A	CO2_NBIO_STREX	49.79417	60.29808	65.35922	77.91596	11.54720532	7.59466881	9.152657504	0.047202677	15.17619	1.568618284	60.71341	4.118282291	18.13538	
A	NOX_IDLEX	0	0	0	0	0.056459774	0.093938832	0.413904542	5.391729563	0.37569	0	0	3.438335707	0	
A	NOX_RUNEX	0.029356	0.067673	0.059898	0.071418	0.64553312	0.773009052	1.448062139	2.686297103	1.466446	0.729406638	1.146289	4.64510472	1.307268	
A	NOX_STREX	0.164957	0.213267	0.248934	0.292464	0.304759778	0.171871286	1.698950926	2.321261226	1.093896	0.0121951	0.270709	0.856319078	0.243677	
A	PM10_IDLEX	0	0	0	0	0.000841869	0.001437168	0.000369304	0.002582324	0.000122	0	0	0.003612419	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060952091	0.13034	0.069382874	0.01176	0.744800211	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009779329	0.010769046	0.012000003	0.035531716	0.012	0.033326143	0.004	0.010876807	0.013117	
A	PM10_RUNEX	0.00129	0.001638	0.00134	0.00143	0.009623118	0.015203584	0.00702285	0.024936873	0.007393	0.005327977	0.001997	0.029850857	0.022656	
A	PM10_STREX	0.00168	0.002108	0.001701	0.00181	0.000247459	0.000126807	0.000115446	6.20482E-07	0.000145	1.70932E-05	0.00293	4.83286E-05	0.000261	
A	PM25_IDLEX	0	0	0	0	0.00080545	0.001374997	0.000353328	0.002470614	0.000117	0	0	0.003456148	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026122325	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002444832	0.002692261	0.003000001	0.008882929	0.003	0.008331536	0.001	0.002719202	0.003279	
A	PM25_RUNEX	0.001188	0.001507	0.001234	0.001319	0.009159134	0.014520737	0.006712537	0.02385809	0.00706	0.005095906	0.001865	0.028545918	0.021632	
A	PM25_STREX	0.001544	0.001938	0.001564	0.001664	0.000227529	0.000116595	0.000106148	5.7051E-07	0.000133	1.57165E-05	0.002752	4.44363E-05	0.00024	
A	ROG_DIURN	0.035233	0.074811	0.05945	0.067333	0.001911636	0.000985382	0.000382584	2.04804E-06	0.00109	9.49675E-05	0.901498	0.000567119	0.638647	
A	ROG_HTSK	0.084367	0.145385	0.115834	0.128497	0.071616795	0.03871005	0.0182444	9.33924E-05	0.016091	0.000181285	0.676373	0.005508917	0.054262	
A	ROG_IDLEX	0	0	0	0	0.020629107	0.015456916	0.018225966	0.427772974	0.046173	0	0	0.252007616	0	
A	ROG_RESTL	0.031443	0.061165	0.05706	0.065328	0.000984705	0.000513703	0.000197632	1.14427E-06	0.000485	4.04394E-05	0.488145	0.000246521	0.227116	
A	ROG_RUNEX	0.006409	0.015291	0.011753	0.014099	0.08888335	0.108465125	0.015787285	0.02569783	0.02373	0.019675306	2.190481	0.08285303	0.063008	
A	ROG_RUNLS	0.195665	0.537554	0.408317	0.4248	0.497046967	0.248913926	0.102214748	0.000473173	0.179468	0.00091729	1.887358	0.036799486	1.296192	
A	ROG_STREX	0.192127	0.274429	0.283605	0.343718	0.069831962	0.038485385	0.048204813	2.32277E-06	0.087883	0.007216555	1.930344	0.028372014	0.092183	
A	SO2_IDLEX	0	0	0	0	8.59326E-05	0.000132664	0.00068383	0.009760709	0.00088	0	0	0.00330095	0	
A	SO2_RUNEX	0.002321	0.002779	0.002985	0.003606	0.007608494	0.007288756	0.010304066	0.012940727	0.012763	0.011292527	0.002079	0.010019598	0.014735	
A	SO2_STREX	0.000493	0.000597	0.000647	0.000771	0.000114269	7.51554E-05	9.0573E-05	4.67109E-07	0.00015	1.55227E-05	0.000601	4.07537E-05	0.000179	
A	TOG_DIURN	0.035233	0.074811	0.05945	0.067333	0.001911636	0.000985382	0.000382584	2.04804E-06	0.00109	9.49675E-05	0.901498	0.000567119	0.638647	
A	TOG_HTSK	0.084367	0.145385	0.115834	0.128497	0.071616795	0.03871005	0.0182444	9.33924E-05	0.016091	0.000181285	0.676373	0.005508917	0.054262	
A	TOG_IDLEX	0	0	0	0	0.029036699	0.020763949	0.024759949	0.491871395	0.059643	0	0	0.36080366	0	
A	TOG_RESTL	0.031443	0.061165	0.05706	0.065328	0.000984705	0.000513703	0.000197632	1.14427E-06	0.000485	4.04394E-05	0.488145	0.000246521	0.227116	
A	TOG_RUNEX	0.009317	0.022298	0.017114	0.020478	0.108536336	0.12631916	0.019852614	0.077498474	0.03185	1.377226519	2.721006	0.098737754	0.082805	
A	TOG_RUNLS	0.195665	0.537554	0.408317	0.4248	0.497046967	0.248913926	0.102214748	0.000473173	0.179468	0.00091729	1.887358	0.036799486	1.296192	
A	TOG_STREX	0.210355	0.300465	0.310512	0.376327	0.076457208	0.042136653	0.052778202	2.54314E-06	0.096221	0.007901219	2.101179	0.031063785	0.100929	
S	CH4_IDLEX	0	0	0	0	0.005001856	0.003045818	0.003372382	0.026094567	0.007154	0	0	0.054023276	0	
S	CH4_RUNEX	0.001944	0.004027	0.003299	0.003826	0.008034742	0.006721965	0.001739675	0.049110583	0.003737	1.349016655	0.317372	0.006110318	0.009857	
S	CH4_STREX	0.037174	0.048291	0.052018	0.059602	0.013108635	0.007307592	0.008608148	4.14394E-07	0.016107	0.001536028	0.214276	0.004180202	0.020943	
S	CO_IDLEX	0	0	0	0	0.183740193	0.137238556	0.327995317	6.242564742	0.574725	0	0	2.23613559	0	
S	CO_RUNEX	0.618052	0.992883	0.863293	0.916341	0.723732214	0.593017898	0.236985717	0.401870485	0.438473	10.11888954	17.95285	0.503612979	0.967897	
S	CO_STREX	1.641822	1.774699	2.11621	2.313483	0.972359274	0.558444954	0.982985476	0.005462269	1.677147	0.127457225	7.885534	0.525878885	1.851283	
S	CO2_NBIO_IDLEX	0	0	0	0	8.858718913	13.87897894	72.11200169	1036.958858	91.53919	0	0	355.7218964	0	
S	CO2_NBIO_RUNEX	252.4521	299.2498	319.7041	383.0368	779.366391	754.9268768	1080.767611	1413.896783	1326.102	1597.162361	208.7989	1049.247725	1501.481	
S	CO2_NBIO_STREX	48.98693	59.37532	64.28737	76.71505	11.41692713	7.520587601	9.005680198	0.046441429	14.89908	1.519446602	57.79152	3.80183059	17.82832	
S	NOX_IDLEX	0	0	0	0	0.056459774	0.093938832	0.40529889	5.153417402	0.356905	0	0	3.515690225	0	
S	NOX_RUNEX	0.026431	0.060394	0.053696	0.064056	0.615817986	0.74181555	1.389614017	2.587487203	1.402953	0.729063664	1.010359	4.459293581	1.239936	
S	NOX_STREX	0.146751	0.189755	0.221472	0.260195	0.284844055	0.160640029	1.693044358	2.321248102	1.081235	0.011371937	0.248934	0.85251579	0.227271	
S	PM10_IDLEX	0	0	0	0	0.000841869	0.001437168	0.000314514	0.002260254	0.000109	0	0	0.003053114	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060952091	0.13034	0.069382874	0.01176	0.744800211	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009779329	0.010769046	0.012000003	0.035531716	0.012	0.033326143	0.004	0.010876807	0.013117	
S	PM10_RUNEX	0.00129	0.001638	0.00134	0.00143	0.009623118	0.015203584	0.00702285	0.024936873	0.007393	0.005327977	0.001997	0.029850857	0.022656	
S	PM10_STREX	0.00168	0.002108	0.001701	0.00181	0.000247459	0.000126807	0.000115446	6.20482E-07	0.000145	1.70932E-05	0.00293	4.83286E-05	0.000261	
S	PM25_IDLEX	0	0	0	0	0.00080545	0.001374997	0.000300908	0.002162477	0.000104	0	0	0.002921038	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026122325	0.05586	0.029735517	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002444832	0.002692261	0.003000001	0.008882929	0.003	0.008331536	0.001	0.002719202	0.003279	
S	PM25_RUNEX	0.001188	0.001507	0.001234	0.001319	0.009159134	0.014520737	0.006712537	0.02385809	0.00706	0.005095906	0.001865	0.028545918	0.021632	
S	PM25_STREX	0.001544	0.001938	0.001564	0.001664	0.000227529	0.000116595	0.000106148	5.7051E-07	0.000133	1.57165E-05	0.002752	4.44363E-05	0.00024	
S	ROG_DIURN	0.0801	0.171981	0.132856	0.150311	0.004290204	0.002220709	0.00088153	5.17684E-06	0.002389	0.000246949	2.316819	0.00125895	1.433404	
S	ROG_HTSK	0.092351	0.164099	0.127022	0.140743	0.079348548	0.043543518	0.020514036	0.000102751	0.017033	0.000272072	0.907339	0.005728715	0.058963	
S	ROG_IDLEX	0	0	0	0	0.020629107	0.015456916	0.017568482	0.45253062	0.047623	0	0	0.251800877	0	
S	ROG_RESTL	0.063618	0.124646	0.113083	0.129968	0.002019256	0.001060393	0.000425807	2.81816E-06	0.000989	0.000126445	1.314881	0.000512681	0.472439	
S	ROG_RUNEX	0.007127	0.016898	0.013036	0.015611	0.089796719	0.108764045	0.015988137	0.025705362	0.024246	0.019688313	2.118583	0.083315387	0.064549	
S	ROG_RUNLS	0.183255	0.496638	0.378454	0.394854	0.481920176	0.24101671	0.098548646	0.000469497	0.174456	0.000823333	1.761167	0.031247102	1.264047	
S	ROG_STREX	0.159457	0.226539	0.235052	0.284696	0.065776949	0.03625227	0.045210648	2.1785E-06	0.082219	0.00638553	1.611991	0.023829581	0.086221	
S	SO2_IDLEX	0	0	0	0	8.59326E-05	0.000132664	0.000684279	0.009649164	0.00087	0	0	0.003385387	0	
S	SO2_RUNEX	0.002497	0.002961	0.003163	0.003786	0.007608768	0.007288851	0.010304144	0.012940736	0.012763	0.01129253	0.002066	0.010019772	0.014736	
S	SO2_STREX	0.000485	0.000588	0.000636	0.000759	0.00011298	7.44223E-05	8.91185E-05	4.59576E-07	0.000147	1.50362E-05	0.000572	3.76222E-05	0.000176	
S	TOG_DIURN	0.0801	0.171981	0.132856	0.150311	0.004290204	0.002220709	0.00088153	5.17684E-06	0.002389	0.000246949	2.316819	0.00125895	1.433404	
S	TOG_HTSK	0.092351	0.164099	0.127022	0.140743	0.079348548	0.043543518	0.020514036	0.000102751	0.017033	0.000272072	0.907339	0.005728715	0.058963	
S	TOG_IDLEX	0	0	0	0	0.029036699	0.020763949	0.023726098	0.520276477	0.061293	0	0	0.360568303	0	

S	TOG_RESTL	0.063618	0.124646	0.113083	0.129968	0.002019256	0.001060393	0.000425807	2.81816E-06	0.000989	0.000126445	1.314881	0.000512681	0.472439	
S	TOG_RUNEX	0.010365	0.024642	0.018987	0.022685	0.109869122	0.126755343	0.020145698	0.077509465	0.032604	1.377245498	2.633979	0.099412423	0.085054	
S	TOG_RUNLS	0.183255	0.496638	0.378454	0.394854	0.481920176	0.24101671	0.098548646	0.000469497	0.174456	0.000823333	1.761167	0.031247102	1.264047	
S	TOG_STREX	0.174585	0.248031	0.257352	0.311705	0.07201748	0.039691673	0.049499969	2.38518E-06	0.09002	0.006991352	1.754742	0.026090392	0.094401	
W	CH4_IDLEX	0	0	0	0	0.004975335	0.003030706	0.003780881	0.022833918	0.006953	0	0	0.053919055	0	
W	CH4_RUNEX	0.001651	0.003475	0.00282	0.003274	0.007719087	0.006599777	0.001659048	0.049108211	0.003538	1.34900918	0.335138	0.005943837	0.00933	
W	CH4_STREX	0.049124	0.064454	0.068922	0.079064	0.01451385	0.008090461	0.009558963	4.68203E-07	0.01801	0.001897849	0.291967	0.00568391	0.023711	
W	CO_IDLEX	0	0	0	0	0.183740193	0.137238556	0.455303228	6.456779136	0.587464	0	0	2.326244258	0	
W	CO_RUNEX	0.512233	0.836405	0.720817	0.767133	0.697090527	0.583608261	0.229204527	0.400964054	0.419188	10.11861537	20.00666	0.486066512	0.908488	
W	CO_STREX	2.438157	2.644726	3.15435	3.459096	1.117990856	0.641500771	1.147523483	0.006376286	1.985278	0.183478523	10.39289	0.907254802	2.195478	
W	CO2_NBIO_IDLEX	0	0	0	0	8.858718913	13.87897894	72.15745327	1065.336162	94.20043	0	0	334.4423159	0	
W	CO2_NBIO_RUNEX	231.6602	277.8423	298.8067	361.8862	779.3171598	754.9096455	1080.753742	1413.895289	1326.067	1597.161828	212.6244	1049.216328	1501.375	
W	CO2_NBIO_STREX	50.44186	61.03754	66.21949	78.87968	11.67309998	7.666191109	9.284835045	0.047891101	15.42183	1.613387781	63.86284	4.435319559	18.41012	
W	NOX_IDLEX	0	0	0	0	0.056459774	0.093938832	0.425806285	5.720827309	0.401631	0	0	3.331512801	0	
W	NOX_RUNEX	0.03204	0.074036	0.065469	0.078028	0.659892224	0.78687886	1.47280622	2.72862417	1.494917	0.729607363	1.228476	4.727752898	1.340171	
W	NOX_STREX	0.178875	0.231209	0.269912	0.317118	0.322530635	0.18189347	1.704038776	2.321272531	1.104962	0.012865119	0.28825	0.859539031	0.258016	
W	PM10_IDLEX	0	0	0	0	0.000841869	0.001437168	0.000444966	0.003027087	0.000141	0	0	0.004384794	0	
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060952091	0.13034	0.069382874	0.01176	0.744800211	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009779329	0.010769046	0.012000003	0.035531716	0.012	0.033326143	0.004	0.010876807	0.013117	
W	PM10_RUNEX	0.00129	0.001638	0.00134	0.00143	0.009623118	0.015203584	0.00702285	0.024936873	0.007393	0.005327977	0.001997	0.029850857	0.022656	
W	PM10_STREX	0.00168	0.002108	0.001701	0.00181	0.000247459	0.000126807	0.000115446	6.20482E-07	0.000145	1.70932E-05	0.00293	4.83286E-05	0.000261	
W	PM25_IDLEX	0	0	0	0	0.00080545	0.001374997	0.000425717	0.002896137	0.000135	0	0	0.004195109	0	
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026122325	0.05586	0.029735517	0.00504	0.31920009	0.05586	
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002444832	0.002692261	0.003000001	0.008882929	0.003	0.008331536	0.001	0.002719202	0.003279	
W	PM25_RUNEX	0.001188	0.001507	0.001234	0.001319	0.009159134	0.014520737	0.006712537	0.02385809	0.00706	0.005095906	0.001865	0.028545918	0.021632	
W	PM25_STREX	0.001544	0.001938	0.001564	0.001664	0.000227529	0.000116595	0.000106148	5.7051E-07	0.000133	1.57165E-05	0.002752	4.44363E-05	0.00024	
W	ROG_DIURN	0.017639	0.037097	0.030205	0.034233	0.000966622	0.000503634	0.000191197	9.62245E-07	0.000599	4.54588E-05	0.394302	0.000308327	0.325681	
W	ROG_HTSK	0.087792	0.154956	0.120345	0.133417	0.079327453	0.041959751	0.01925745	0.000103933	0.016511	0.000211645	0.803763	0.005602586	0.063019	
W	ROG_IDLEX	0	0	0	0	0.020629107	0.015456916	0.01879503	0.393583844	0.044172	0	0	0.252293114	0	
W	ROG_RESTL	0.015815	0.030643	0.029058	0.033117	0.000519561	0.000273676	0.000102132	5.27562E-07	0.00028	1.7016E-05	0.189202	0.000141454	0.127362	
W	ROG_RUNEX	0.00623	0.014919	0.011434	0.013757	0.088172969	0.108226909	0.015632153	0.025692161	0.023331	0.019665508	2.276574	0.082484118	0.06186	
W	ROG_RUNLS	0.231471	0.660042	0.496464	0.513758	0.551670561	0.278395425	0.115726875	0.000515943	0.196103	0.001167769	2.258379	0.047602839	1.39289	
W	ROG_STREX	0.216862	0.310899	0.320436	0.388596	0.07332507	0.040409418	0.050677408	2.44191E-06	0.092452	0.007917791	2.242769	0.032463073	0.097015	
W	SO2_IDLEX	0	0	0	0	8.59326E-05	0.000132664	0.000684421	0.009914747	0.000895	0	0	0.003184348	0	
W	SO2_RUNEX	0.002292	0.002749	0.002956	0.003577	0.007608281	0.007288681	0.010304006	0.012940721	0.012762	0.011292525	0.002104	0.010019462	0.014735	
W	SO2_STREX	0.000499	0.000604	0.000655	0.000781	0.000115515	7.58632E-05	9.1881E-05	4.73921E-07	0.000153	1.59658E-05	0.000632	4.38911E-05	0.000182	
W	TOG_DIURN	0.017639	0.037097	0.030205	0.034233	0.000966622	0.000503634	0.000191197	9.62245E-07	0.000599	4.54588E-05	0.394302	0.000308327	0.325681	
W	TOG_HTSK	0.087792	0.154956	0.120345	0.133417	0.079327453	0.041959751	0.01925745	0.000103933	0.016511	0.000211645	0.803763	0.005602586	0.063019	
W	TOG_IDLEX	0	0	0	0	0.029036699	0.020763949	0.02569314	0.45264533	0.057364	0	0	0.361128677	0	
W	TOG_RESTL	0.015815	0.030643	0.029058	0.033117	0.000519561	0.000273676	0.000102132	5.27562E-07	0.00028	1.7016E-05	0.189202	0.000141454	0.127362	
W	TOG_RUNEX	0.009056	0.021754	0.016649	0.019978	0.107499749	0.125971556	0.019626246	0.077490202	0.031267	1.37721222	2.825728	0.098199438	0.08113	
W	TOG_RUNLS	0.231471	0.660042	0.496464	0.513758	0.551670561	0.278395425	0.115726875	0.000515943	0.196103	0.001167769	2.258379	0.047602839	1.39289	
W	TOG_STREX	0.237437	0.340395	0.350837	0.425462	0.080281722	0.044243226	0.055485382	2.67359E-06	0.101223	0.008668984	2.441141	0.035542978	0.106219	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2025
	Fleet Mix	0.573651	0.055882	0.186012	0.115369	0.020252096	0.005158195	0.008029595	0.006376507	0.000893	0.000371688	0.024386	0.000899961	0.00272	
A	CH4_IDLEX	0	0	0	0	0.004822108	0.002926911	0.003617249	0.02464605	0.007067	0	0	0.056497727	0	
A	CH4_RUNEX	0.001523	0.003124	0.002657	0.002989	0.007291307	0.006342473	0.001511821	0.048677066	0.003317	1.660437015	0.323881	0.005728534	0.008574	
A	CH4_STREX	0.040667	0.052526	0.057581	0.064668	0.012839921	0.007091209	0.008869667	4.41523E-07	0.016668	0.001881255	0.252792	0.005155855	0.021801	
A	CO_IDLEX	0	0	0	0	0.182364707	0.136085597	0.393004822	6.32251222	0.596079	0	0	2.374154756	0	
A	CO_RUNEX	0.49152	0.772423	0.691344	0.718927	0.660203741	0.563431643	0.210569989	0.405296748	0.390599	12.57228128	18.36541	0.468899545	0.800187	
A	CO_STREX	2.001251	2.16338	2.598936	2.794204	1.013976475	0.573494695	1.016411265	0.005924916	1.786237	0.156719089	9.087517	0.735657692	1.944389	
A	CO2_NBIO_IDLEX	0	0	0	0	8.765873688	13.74457839	70.84874999	1030.262563	94.2452	0	0	345.9761332	0	
A	CO2_NBIO_RUNEX	226.8913	272.3733	290.8288	351.3409	764.4712797	740.9437874	1065.905907	1386.581775	1303.826	1657.485068	210.0048	1037.301292	1472.191	
A	CO2_NBIO_STREX	48.21041	58.49868	63.01376	74.924	11.27771744	7.363644387	8.978453482	0.047358602	14.81655	1.570741223	60.42942	4.262882293	17.62803	
A	NOX_IDLEX	0	0	0	0	0.0546246	0.090133159	0.398341066	5.350841808	0.390004	0	0	3.34161196	0	
A	NOX_RUNEX	0.026467	0.059136	0.053724	0.061943	0.570067963	0.683940766	1.449315933	2.66986546	1.461172	0.714517205	1.144207	4.410854293	1.257808	
A	NOX_STREX	0.154899	0.198153	0.230338	0.264503	0.28891708	0.162018538	1.699505252	2.321621186	1.103362	0.013175952	0.270585	0.902881521	0.241831	
A	PM10_IDLEX	0	0	0	0	0.000857413	0.001452264	0.000322712	0.002505017	0.000127	0	0	0.003329362	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060982686	0.13034	0.069382874	0.01176	0.744800211	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009807195	0.010786294	0.012000003	0.035549059	0.012	0.033326143	0.004	0.010844966	0.013133	
A	PM10_RUNEX	0.001236	0.001531	0.001302	0.001368	0.009091067	0.014864718	0.007064096	0.024929202	0.007474	0.005202344	0.002031	0.028462053	0.021441	
A	PM10_STREX	0.001625	0.00199	0.001661	0.001733	0.000239057	0.00012183	0.000112973	6.14002E-07	0.000147	1.70932E-05	0.00293	5.1198E-05	0.00025	
A	PM25_IDLEX	0	0	0	0	0.000820322	0.00138944	0.000308751	0.002396651	0.000122	0	0	0.003185335	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026135437	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002451799	0.002696573	0.003000001	0.008887265	0.003	0.008331536	0.001	0.002711242	0.003283	
A	PM25_RUNEX	0.001138	0.001409	0.001198	0.001262	0.008650953	0.014197061	0.006751896	0.023850749	0.007137	0.004975708	0.001897	0.027216883	0.020471	
A	PM25_STREX	0.001494	0.00183	0.001527	0.001594	0.000219804	0.000112018	0.000103874	5.64552E-07	0.000135	1.57165E-05	0.002751	4.70747E-05	0.00023	
A	ROG_DIURN	0.032946	0.068658	0.057681	0.065227	0.001812085	0.00091283	0.000355344	1.89585E-06	0.001087	0.000106108	0.899508	0.000597849	0.578515	
A	ROG_HTSK	0.079526	0.134373	0.111111	0.122196	0.067935696	0.035786696	0.017096846	8.61222E-05	0.01601	0.000226472	0.666814	0.005795161	0.049409	
A	ROG_IDLEX	0	0	0	0	0.01998005	0.015043685	0.018199395	0.42661818	0.047139	0	0	0.26289787	0	
A	ROG_RESTL	0.029614	0.057008	0.055836	0.063691	0.000943926	0.000484834	0.000187584	1.06649E-06	0.000486	4.79603E-05	0.48481	0.000267137	0.209543	
A	ROG_RUNEX	0.005572	0.013098	0.010553	0.012245	0.085481685	0.106024711	0.014771305	0.025498471	0.022265	0.024124956	2.175798	0.07947196	0.057969	
A	ROG_RUNLS	0.19019	0.502874	0.397703	0.409745	0.47615775	0.225730167	0.094287859	0.00043402	0.179932	0.001251207	1.818229	0.038330174	1.15767	
A	ROG_STREX	0.17507	0.246451	0.261982	0.309936	0.064455773	0.035082111	0.04617257	2.30919E-06	0.08516	0.007863192	1.920785	0.029393973	0.088103	
A	SO2_IDLEX	0	0	0	0	8.50027E-05	0.000131349	0.000672171	0.00958644	0.000895	0	0	0.003294271	0	
A	SO2_RUNEX	0.002244	0.002695	0.002877	0.003472	0.00746151	0.007152316	0.010163989	0.012685964	0.012547	0.010940502	0.002078	0.009908848	0.014446	
A	SO2_STREX	0.000477	0.000579	0.000624	0.000741	0.000111602	7.28692E-05	8.88491E-05	4.68652E-07	0.000147	1.55438E-05	0.000598	4.21847E-05	0.000174	
A	TOG_DIURN	0.032946	0.068658	0.057681	0.065227	0.001812085	0.00091283	0.000355344	1.89585E-06	0.001087	0.000106108	0.899508	0.000597849	0.578515	
A	TOG_HTSK	0.079526	0.134373	0.111111	0.122196	0.067935696	0.035786696	0.017096846	8.61222E-05	0.01601	0.000226472	0.666814	0.005795161	0.049409	
A	TOG_IDLEX	0	0	0	0	0.028066749	0.020141997	0.024755135	0.490530737	0.060674	0	0	0.376809792	0	
A	TOG_RESTL	0.029614	0.057008	0.055836	0.063691	0.000943926	0.000484834	0.000187584	1.06649E-06	0.000486	4.79603E-05	0.48481	0.000267137	0.209543	
A	TOG_RUNEX	0.0081	0.019102	0.015363	0.017783	0.103774131	0.123149241	0.018396046	0.076839219	0.029696	1.695058632	2.708329	0.094606678	0.075558	
A	TOG_RUNLS	0.19019	0.502874	0.397703	0.409745	0.47615775	0.225730167	0.094287859	0.00043402	0.179932	0.001251207	1.818229	0.038330174	1.15767	
A	TOG_STREX	0.19168	0.269833	0.286837	0.33934	0.070570959	0.038410495	0.050553152	2.52828E-06	0.093239	0.008609205	2.090983	0.0321827	0.096461	
S	CH4_IDLEX	0	0	0	0	0.004835896	0.002934743	0.003409452	0.026022344	0.00716	0	0	0.056562703	0	
S	CH4_RUNEX	0.001723	0.003497	0.002991	0.003366	0.007444274	0.00640188	0.001550919	0.048678433	0.003419	1.660441287	0.316277	0.00581547	0.008834	
S	CH4_STREX	0.034318	0.044077	0.048514	0.054456	0.012140098	0.006705343	0.008363528	4.12259E-07	0.015644	0.001668225	0.213599	0.004334847	0.020321	
S	CO_IDLEX	0	0	0	0	0.182364707	0.136085597	0.330196026	6.233452598	0.5905	0	0	2.337856195	0	
S	CO_RUNEX	0.580977	0.902045	0.812301	0.843746	0.67329095	0.56801479	0.21422648	0.405846544	0.400335	12.57245276	17.74244	0.478053447	0.828642	
S	CO_STREX	1.579148	1.703956	2.045706	2.196027	0.942987873	0.533602803	0.934311067	0.00544636	1.628163	0.127457225	7.896131	0.540389114	1.771341	
S	CO2_NBIO_IDLEX	0	0	0	0	8.765873688	13.74457839	70.80540837	1018.409492	93.10376	0	0	354.3990905	0	
S	CO2_NBIO_RUNEX	244.1344	290.1584	308.0697	368.6723	764.4953616	740.9521607	1065.912424	1386.582679	1303.844	1657.485396	208.7684	1037.317669	1472.242	
S	CO2_NBIO_STREX	47.44156	57.62662	61.98651	73.79754	11.15264882	7.2935906	8.83869199	0.046599573	14.54757	1.521319601	57.49526	3.937570455	17.33463	
S	NOX_IDLEX	0	0	0	0	0.0546246	0.090133159	0.388913216	5.111554048	0.370505	0	0	3.413098876	0	
S	NOX_RUNEX	0.023832	0.052803	0.048172	0.055578	0.544046592	0.656566696	1.391242029	2.571679673	1.398655	0.714113928	1.008726	4.234291326	1.194399	
S	NOX_STREX	0.137803	0.176305	0.204927	0.235319	0.27003701	0.151431246	1.693714915	2.321609934	1.090965	0.012286582	0.248898	0.898871196	0.22555	
S	PM10_IDLEX	0	0	0	0	0.000857413	0.001452264	0.000275256	0.002194936	0.000113	0	0	0.002814762	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060982686	0.13034	0.069382874	0.01176	0.744800211	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009807195	0.010786294	0.012000003	0.035549059	0.012	0.033326143	0.004	0.010844966	0.013133	
S	PM10_RUNEX	0.001236	0.001531	0.001302	0.001368	0.009091067	0.014864718	0.007064096	0.024929202	0.007474	0.005202344	0.002031	0.028462053	0.021441	
S	PM10_STREX	0.001625	0.00199	0.001661	0.001733	0.000239057	0.00012183	0.000112973	6.14002E-07	0.000147	1.70932E-05	0.00293	5.1198E-05	0.00025	
S	PM25_IDLEX	0	0	0	0	0.000820322	0.00138944	0.000263349	0.002099984	0.000108	0	0	0.002692996	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026135437	0.05586	0.029735517	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002451799	0.002696573	0.003000001	0.008887265	0.003	0.008331536	0.001	0.002711242	0.003283	
S	PM25_RUNEX	0.001138	0.001409	0.001198	0.001262	0.008650953	0.014197061	0.006751896	0.023850749	0.007137	0.004975708	0.001897	0.027216883	0.020471	
S	PM25_STREX	0.001494	0.00183	0.001527	0.001594	0.000219804	0.000112018	0.000103874	5.64552E-07	0.000135	1.57165E-05	0.002751	4.70747E-05	0.00023	
S	ROG_DIURN	0.074802	0.15737	0.128611	0.145454	0.004056993	0.002049264	0.00081414	4.75227E-06	0.00238	0.000270039	2.311064	0.00131669	1.295472	
S	ROG_HTSK	0.086816	0.151053	0.121596	0.133827	0.075137707	0.040104433	0.019157122	9.47437E-05	0.016925	0.000317873	0.898249	0.005995654	0.053631	

S	ROG_IDLEX	0	0	0	0	0.01998005	0.015043685	0.017549302	0.451381968	0.048659	0	0	0.262771925	0	
S	ROG_RESTL	0.059735	0.115587	0.110246	0.126426	0.001926604	0.000994283	0.000399989	2.59186E-06	0.000987	0.000140075	1.305455	0.000548291	0.434181	
S	ROG_RUNEX	0.006196	0.014481	0.011706	0.013563	0.086255658	0.106281796	0.014938439	0.025505995	0.02273	0.024137963	2.10688	0.079904791	0.059278	
S	ROG_RUNLS	0.177927	0.464575	0.368491	0.380629	0.46160379	0.218556384	0.090856617	0.000429785	0.174905	0.001125844	1.694953	0.032667588	1.128877	
S	ROG_STREX	0.145339	0.203597	0.217192	0.256816	0.060717933	0.033049642	0.043304635	2.16576E-06	0.079671	0.006957704	1.606296	0.024687921	0.08241	
S	SO2_IDLEX	0	0	0	0	8.50027E-05	0.000131349	0.000671903	0.009475588	0.000884	0	0	0.003373847	0	
S	SO2_RUNEX	0.002415	0.002871	0.003048	0.003644	0.007461749	0.007152399	0.010164053	0.012685973	0.012547	0.010940505	0.002066	0.00990901	0.014447	
S	SO2_STREX	0.000469	0.00057	0.000613	0.00073	0.000110365	7.2176E-05	8.7466E-05	4.61141E-07	0.000144	1.50547E-05	0.000569	3.89655E-05	0.000172	
S	TOG_DIURN	0.074802	0.15737	0.128611	0.145454	0.004056993	0.002049264	0.00081414	4.75227E-06	0.00238	0.000270039	2.311064	0.00131669	1.295472	
S	TOG_HTSK	0.086816	0.151053	0.121596	0.133827	0.075137707	0.040104433	0.019157122	9.47437E-05	0.016925	0.000317873	0.898249	0.005995654	0.053631	
S	TOG_IDLEX	0	0	0	0	0.028066749	0.020141997	0.023727888	0.51894941	0.062404	0	0	0.376666413	0	
S	TOG_RESTL	0.059735	0.115587	0.110246	0.126426	0.001926604	0.000994283	0.000399989	2.59186E-06	0.000987	0.000140075	1.305455	0.000548291	0.434181	
S	TOG_RUNEX	0.00901	0.02112	0.017045	0.019707	0.104903511	0.123524378	0.018639928	0.076850198	0.030374	1.695077611	2.624566	0.095238265	0.077468	
S	TOG_RUNLS	0.177927	0.464575	0.368491	0.380629	0.46160379	0.218556384	0.090856617	0.000429785	0.174905	0.001125844	1.694953	0.032667588	1.128877	
S	TOG_STREX	0.159128	0.222913	0.237798	0.281181	0.066478494	0.036185198	0.047413124	2.37124E-06	0.08723	0.00761781	1.748714	0.027030166	0.090229	
W	CH4_IDLEX	0	0	0	0	0.00481025	0.002920171	0.003820977	0.022745453	0.006951	0	0	0.056440977	0	
W	CH4_RUNEX	0.001462	0.003012	0.002555	0.002876	0.00717014	0.006294719	0.001481337	0.048676029	0.003238	1.660433756	0.333378	0.005658683	0.008376	
W	CH4_STREX	0.04531	0.058726	0.064228	0.072162	0.013440112	0.007422179	0.009281449	4.65787E-07	0.017489	0.002059806	0.29034	0.005893538	0.023002	
W	CO_IDLEX	0	0	0	0	0.182364707	0.136085597	0.457557202	6.445499318	0.603782	0	0	2.42428134	0	
W	CO_RUNEX	0.481398	0.758657	0.677918	0.705378	0.650026345	0.559852489	0.207804276	0.404885208	0.38324	12.57215421	19.74019	0.461714021	0.779098	
W	CO_STREX	2.342848	2.535254	3.047251	3.279007	1.083490761	0.612540775	1.090671869	0.006357715	1.927283	0.183478523	10.42795	0.932288085	2.099993	
W	CO2_NBIO_IDLEX	0	0	0	0	8.765873688	13.74457839	71.02887668	1046.631089	95.82148	0	0	334.3444303	0	
W	CO2_NBIO_RUNEX	224.0579	269.4552	287.9986	348.4966	764.4525393	740.9372304	1065.900966	1386.581098	1303.813	1657.484825	212.4855	1037.288414	1472.153	
W	CO2_NBIO_STREX	48.82738	59.19753	63.83835	75.82789	11.39871426	7.43141558	9.10411175	0.04804502	15.05497	1.615721624	63.57827	4.588783087	17.89014	
W	NOX_IDLEX	0	0	0	0	0.0546246	0.090133159	0.411378331	5.68128681	0.416932	0	0	3.242891933	0	
W	NOX_RUNEX	0.028889	0.064688	0.058717	0.067664	0.58265512	0.696106972	1.473761362	2.711882581	1.489009	0.714753222	1.226082	4.489438224	1.288478	
W	NOX_STREX	0.167969	0.21483	0.24975	0.286801	0.305771466	0.171470434	1.704492986	2.321630878	1.114198	0.013899861	0.28806	0.906276756	0.256061	
W	PM10_IDLEX	0	0	0	0	0.000857413	0.001452264	0.000388245	0.002933226	0.000147	0	0	0.004040001	0	
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060982686	0.13034	0.069382874	0.01176	0.744800211	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009807195	0.010786294	0.012000003	0.035549059	0.012	0.033326143	0.004	0.010844966	0.013133	
W	PM10_RUNEX	0.001236	0.001531	0.001302	0.001368	0.009091067	0.014864718	0.007064096	0.024929202	0.007474	0.005202344	0.002031	0.028462053	0.021441	
W	PM10_STREX	0.001625	0.00199	0.001661	0.001733	0.000239057	0.00012183	0.000112973	6.14002E-07	0.000147	1.70932E-05	0.00293	5.1198E-05	0.00025	
W	PM25_IDLEX	0	0	0	0	0.000820322	0.00138944	0.00037145	0.002806336	0.000141	0	0	0.003865232	0	
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026135437	0.05586	0.029735517	0.00504	0.31920009	0.05586	
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002451799	0.002696573	0.003000001	0.008887265	0.003	0.008331536	0.001	0.002711242	0.003283	
W	PM25_RUNEX	0.001138	0.001409	0.001198	0.001262	0.008650953	0.014197061	0.006751896	0.023850749	0.007137	0.004975708	0.001897	0.027216883	0.020471	
W	PM25_STREX	0.001494	0.00183	0.001527	0.001594	0.000219804	0.000112018	0.000103874	5.64552E-07	0.000135	1.57165E-05	0.002751	4.70747E-05	0.00023	
W	ROG_DIURN	0.0165	0.034138	0.029348	0.033173	0.000919511	0.0004691	0.000178978	8.97687E-07	0.000599	5.2216E-05	0.393822	0.000328383	0.29722	
W	ROG_HTSK	0.082652	0.142803	0.115312	0.126825	0.07512254	0.038583855	0.017980476	9.54209E-05	0.016414	0.000257055	0.789912	0.005880277	0.056899	
W	ROG_IDLEX	0	0	0	0	0.01998005	0.015043685	0.018756105	0.392420567	0.04504	0	0	0.263071794	0	
W	ROG_RESTL	0.014926	0.028669	0.028504	0.03234	0.000499923	0.000259466	9.77603E-05	4.97949E-07	0.000281	2.17366E-05	0.188403	0.000154149	0.118021	
W	ROG_RUNEX	0.005416	0.012767	0.010263	0.011936	0.084876783	0.105819759	0.014642017	0.025492809	0.021906	0.024115157	2.258882	0.079126605	0.056993	
W	ROG_RUNLS	0.225471	0.617232	0.483767	0.496005	0.528438983	0.252489197	0.106773096	0.000474043	0.196593	0.001587299	2.181542	0.049332996	1.244583	
W	ROG_STREX	0.197565	0.279043	0.295939	0.350287	0.067676744	0.036833957	0.048540924	2.42764E-06	0.089587	0.008627262	2.228819	0.033632391	0.09271	
W	SO2_IDLEX	0	0	0	0	8.50027E-05	0.000131349	0.000673731	0.00973952	0.00091	0	0	0.003184381	0	
W	SO2_RUNEX	0.002216	0.002666	0.002849	0.003444	0.007461325	0.007152251	0.01016394	0.012685958	0.012547	0.010940499	0.002103	0.00990872	0.014446	
W	SO2_STREX	0.000483	0.000586	0.000632	0.00075	0.0001128	7.35399E-05	9.00926E-05	4.75444E-07	0.000149	1.59889E-05	0.000629	4.54097E-05	0.000177	
W	TOG_DIURN	0.0165	0.034138	0.029348	0.033173	0.000919511	0.0004691	0.000178978	8.97687E-07	0.000599	5.2216E-05	0.393822	0.000328383	0.29722	
W	TOG_HTSK	0.082652	0.142803	0.115312	0.126825	0.07512254	0.038583855	0.017980476	9.54209E-05	0.016414	0.000257055	0.789912	0.005880277	0.056899	
W	TOG_IDLEX	0	0	0	0	0.028066749	0.020141997	0.02567607	0.451285902	0.058284	0	0	0.377007791	0	
W	TOG_RESTL	0.014926	0.028669	0.028504	0.03234	0.000499923	0.000259466	9.77603E-05	4.97949E-07	0.000281	2.17366E-05	0.188403	0.000154149	0.118021	
W	TOG_RUNEX	0.007871	0.018619	0.01494	0.017332	0.102891459	0.122850175	0.018207388	0.076830956	0.029171	1.695044334	2.80978	0.094102738	0.074133	
W	TOG_RUNLS	0.225471	0.617232	0.483767	0.496005	0.528438983	0.252489197	0.106773096	0.000474043	0.196593	0.001587299	2.181542	0.049332996	1.244583	
W	TOG_STREX	0.216309	0.305517	0.324016	0.38352	0.074097516	0.040328547	0.053146202	2.65796E-06	0.098086	0.009445766	2.426204	0.036823235	0.101505	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2026
	Fleet Mix	0.574685	0.056097	0.185093	0.115164	0.020188414	0.005209222	0.008090586	0.006312421	0.000884	0.000363585	0.024358	0.000887016	0.002668	
A	CH4_IDLEX	0	0	0	0	0.004667239	0.002827196	0.003659654	0.024581591	0.007072	0	0	0.059089499	0	
A	CH4_RUNEX	0.001366	0.002731	0.002421	0.002658	0.006765509	0.006041941	0.001368424	0.048196739	0.002994	1.740623106	0.322636	0.005470747	0.007666	
A	CH4_STREX	0.037668	0.048087	0.053787	0.059284	0.011929664	0.006533562	0.008682573	4.41955E-07	0.016313	0.001979153	0.251748	0.005363961	0.021211	
A	CO_IDLEX	0	0	0	0	0.181132815	0.135071866	0.395394592	6.312916051	0.608593	0	0	2.477558247	0	
A	CO_RUNEX	0.466827	0.707526	0.654636	0.670792	0.614851039	0.539388296	0.193142441	0.407888609	0.35403	13.20374194	18.16544	0.449129491	0.676059	
A	CO_STREX	1.926353	2.077651	2.516406	2.6663	0.98631301	0.549761516	0.974118772	0.005910001	1.731489	0.156719089	9.112103	0.757025716	1.865376	
A	CO2_NBIO_IDLEX	0	0	0	0	8.664374667	13.59577054	69.626374	1010.863198	95.34232	0	0	344.9773617	0	
A	CO2_NBIO_RUNEX	220.2019	264.8733	280.9156	339.0796	749.5934469	726.995959	1051.185344	1358.122651	1283.241	1654.12543	209.9417	1025.261555	1445.753	
A	CO2_NBIO_STREX	46.74942	56.84445	60.83851	72.17283	11.01943055	7.14768622	8.852124714	0.047796651	14.49277	1.572133493	60.16678	4.4143502	17.15363	
A	NOX_IDLEX	0	0	0	0	0.052778955	0.086501617	0.384054383	5.313842098	0.401134	0	0	3.237041439	0	
A	NOX_RUNEX	0.024263	0.052235	0.048607	0.054466	0.501705321	0.604980091	1.445387766	2.645781643	1.452791	0.710903984	1.142407	4.16933677	1.212147	
A	NOX_STREX	0.146448	0.185351	0.214195	0.240627	0.274000433	0.153209202	1.698466981	2.32114605	1.111138	0.013826587	0.270461	0.952464004	0.240339	
A	PM10_IDLEX	0	0	0	0	0.0008717	0.001465823	0.000277166	0.002421971	0.000131	0	0	0.003057417	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061011269	0.13034	0.069382874	0.01176	0.744800211	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009831388	0.010801019	0.012000003	0.035565238	0.012	0.033326143	0.004	0.010812034	0.013148	
A	PM10_RUNEX	0.00118	0.001431	0.001256	0.001305	0.008597279	0.014576048	0.007064452	0.024793091	0.00755	0.005169906	0.002061	0.027087656	0.020231	
A	PM10_STREX	0.001567	0.001882	0.001614	0.001662	0.000231632	0.000117185	0.00011167	6.07666E-07	0.000149	1.70932E-05	0.002929	5.42621E-05	0.00024	
A	PM25_IDLEX	0	0	0	0	0.000833991	0.001402412	0.000265176	0.002317197	0.000126	0	0	0.002925155	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026147687	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002457847	0.002700255	0.003000001	0.00889131	0.003	0.008331536	0.001	0.002703009	0.003287	
A	PM25_RUNEX	0.001086	0.001317	0.001156	0.001204	0.008179238	0.01392135	0.006752113	0.023720525	0.00721	0.004944673	0.001924	0.025901527	0.019315	
A	PM25_STREX	0.001441	0.00173	0.001484	0.001528	0.000212977	0.000107747	0.000102676	5.58726E-07	0.000137	1.57166E-05	0.002748	4.9892E-05	0.000221	
A	ROG_DIURN	0.030957	0.063247	0.05592	0.063425	0.001716739	0.000842882	0.000334343	1.73946E-06	0.001072	0.000122061	0.898035	0.00064114	0.521835	
A	ROG_HTSK	0.075294	0.124634	0.106535	0.116402	0.064563362	0.033077354	0.016140586	7.87131E-05	0.015877	0.000290965	0.658739	0.006204846	0.044593	
A	ROG_IDLEX	0	0	0	0	0.019371439	0.014669554	0.018198706	0.425464995	0.0479	0	0	0.274128153	0	
A	ROG_RESTL	0.028005	0.053271	0.054517	0.062206	0.000904282	0.000456595	0.000180374	9.87177E-07	0.000483	5.87376E-05	0.482026	0.000292016	0.192731	
A	ROG_RUNEX	0.004909	0.011293	0.009528	0.01078	0.082267751	0.103700547	0.013929082	0.025230325	0.020648	0.025270661	2.163162	0.076132775	0.053216	
A	ROG_RUNLS	0.185446	0.472564	0.38664	0.395251	0.458804449	0.204792275	0.087699288	0.000396674	0.180023	0.001635924	1.752085	0.040738778	1.014315	
A	ROG_STREX	0.160331	0.222291	0.242569	0.280712	0.059663641	0.032086826	0.044626576	2.31009E-06	0.083133	0.008292131	1.911911	0.030552706	0.084521	
A	SO2_IDLEX	0	0	0	0	8.39927E-05	0.000129901	0.000660604	0.009404557	0.000905	0	0	0.003285826	0	
A	SO2_RUNEX	0.002178	0.002621	0.002779	0.003351	0.007314714	0.007016377	0.01002531	0.012421666	0.012348	0.01067068	0.002078	0.00979719	0.014185	
A	SO2_STREX	0.000463	0.000563	0.000602	0.000714	0.000109046	7.07321E-05	8.7599E-05	4.72987E-07	0.000143	1.55575E-05	0.000595	4.36836E-05	0.00017	
A	TOG_DIURN	0.030957	0.063247	0.05592	0.063425	0.001716739	0.000842882	0.000334343	1.73946E-06	0.001072	0.000122061	0.898035	0.00064114	0.521835	
A	TOG_HTSK	0.075294	0.124634	0.106535	0.116402	0.064563362	0.033077354	0.016140586	7.87131E-05	0.015877	0.000290965	0.658739	0.006204846	0.044593	
A	TOG_IDLEX	0	0	0	0	0.027158171	0.019579305	0.024790573	0.489206564	0.061489	0	0	0.393292783	0	
A	TOG_RESTL	0.028005	0.053271	0.054517	0.062206	0.000904282	0.000456595	0.000180374	9.87177E-07	0.000483	5.87376E-05	0.482026	0.000292016	0.192731	
A	TOG_RUNEX	0.007135	0.016471	0.013867	0.01565	0.099278563	0.120103952	0.017204636	0.076057465	0.027322	1.776894721	2.697331	0.090582793	0.068739	
A	TOG_RUNLS	0.185446	0.472564	0.38664	0.395251	0.458804449	0.204792275	0.087699288	0.000396674	0.180023	0.001635924	1.752085	0.040738778	1.014315	
A	TOG_STREX	0.175542	0.24338	0.265582	0.307344	0.065324177	0.035131036	0.048860484	2.52926E-06	0.09102	0.009078839	2.081516	0.033451367	0.09254	
S	CH4_IDLEX	0	0	0	0	0.00468058	0.002834767	0.003449846	0.025964497	0.007169	0	0	0.059162965	0	
S	CH4_RUNEX	0.001545	0.003059	0.002727	0.002994	0.006895803	0.006092197	0.001402786	0.048198117	0.003084	1.740627399	0.315324	0.005553504	0.007889	
S	CH4_STREX	0.031803	0.040393	0.045338	0.049948	0.011280068	0.006178783	0.008189621	4.12664E-07	0.015314	0.001755455	0.212971	0.004510063	0.019772	
S	CO_IDLEX	0	0	0	0	0.181132815	0.135071866	0.332337198	6.224712774	0.602836	0	0	2.442785987	0	
S	CO_RUNEX	0.55186	0.827123	0.769379	0.787434	0.626086399	0.543195456	0.196201774	0.408465372	0.36244	13.2039227	17.56009	0.457789958	0.699124	
S	CO_STREX	1.52092	1.638013	1.9815	2.096628	0.917596816	0.511741701	0.895437973	0.00543265	1.578317	0.127457225	7.906107	0.556085338	1.699586	
S	CO2_NBIO_IDLEX	0	0	0	0	8.664374667	13.59577054	69.51754736	999.1005754	94.18405	0	0	352.8564623	0	
S	CO2_NBIO_RUNEX	236.9156	282.1289	297.5228	355.6711	749.6140005	727.0028868	1051.190805	1358.123597	1283.256	1654.125773	208.7417	1025.277048	1445.794	
S	CO2_NBIO_STREX	46.01549	56.01829	59.85161	71.10855	10.89891162	7.081192367	8.718105549	0.047039531	14.232	1.522546076	57.2212	4.079425427	16.87252	
S	NOX_IDLEX	0	0	0	0	0.052778955	0.086501617	0.373905596	5.073700766	0.38108	0	0	3.302264939	0	
S	NOX_RUNEX	0.021848	0.046661	0.043591	0.048876	0.47902039	0.581005434	1.38779243	2.548501928	1.391391	0.710460705	1.007314	4.002224114	1.152307	
S	NOX_STREX	0.130284	0.164913	0.190565	0.214077	0.256095514	0.143197714	1.692749511	2.321136913	1.098903	0.0128933	0.248857	0.94817871	0.224159	
S	PM10_IDLEX	0	0	0	0	0.0008717	0.001465823	0.000236874	0.002124783	0.000117	0	0	0.002585794	0	

S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061011269	0.13034	0.069382874	0.01176	0.744800211	0.13034
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009831388	0.010801019	0.012000003	0.035565238	0.012	0.033326143	0.004	0.010812034	0.013148
S	PM10_RUNEX	0.00118	0.001431	0.001256	0.001305	0.008597279	0.014576048	0.007064452	0.024793091	0.00755	0.005169906	0.002061	0.027087656	0.020231
S	PM10_STREX	0.001567	0.001882	0.001614	0.001662	0.000231632	0.000117185	0.00011167	6.07666E-07	0.000149	1.70932E-05	0.002929	5.42621E-05	0.00024
S	PM25_IDLEX	0	0	0	0	0.000833991	0.001402412	0.000226627	0.002032866	0.000112	0	0	0.002473934	0
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026147687	0.05586	0.029735517	0.00504	0.31920009	0.05586
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002457847	0.002700255	0.003000001	0.00889131	0.003	0.008331536	0.001	0.002703009	0.003287
S	PM25_RUNEX	0.001086	0.001317	0.001156	0.001204	0.008179238	0.01392135	0.006752113	0.023720525	0.00721	0.004944673	0.001924	0.025901527	0.019315
S	PM25_STREX	0.001441	0.00173	0.001484	0.001528	0.000212977	0.000107747	0.000102676	5.58726E-07	0.000137	1.57166E-05	0.002748	4.9892E-05	0.000221
S	ROG_DIURN	0.07021	0.144584	0.124454	0.141346	0.003834979	0.001885149	0.000761743	4.31366E-06	0.002342	0.000303099	2.30644	0.00140319	1.165921
S	ROG_HTSK	0.082002	0.139571	0.116393	0.127516	0.071291604	0.036932237	0.018015141	8.65973E-05	0.016768	0.000383212	0.890579	0.006395447	0.048374
S	ROG_IDLEX	0	0	0	0	0.019371439	0.014669554	0.017552699	0.450235997	0.049475	0	0	0.274082221	0
S	ROG_RESTL	0.056352	0.107536	0.107326	0.123288	0.001838034	0.000930848	0.000380836	2.35956E-06	0.000977	0.000159605	1.297094	0.000593039	0.397941
S	ROG_RUNEX	0.005459	0.012491	0.010569	0.01194	0.082904212	0.103907674	0.014070781	0.025237766	0.021049	0.025283668	2.096831	0.076542312	0.054298
S	ROG_RUNLS	0.173299	0.43653	0.358138	0.366967	0.444708709	0.198259305	0.084462845	0.000391816	0.174968	0.001476669	1.631646	0.034828491	0.988953
S	ROG_STREX	0.133134	0.183768	0.201147	0.232655	0.056208162	0.030230893	0.041854668	2.1666E-06	0.077775	0.007337248	1.601006	0.025661138	0.079064
S	SO2_IDLEX	0	0	0	0	8.39927E-05	0.000129901	0.000659715	0.009294627	0.000895	0	0	0.003360264	0
S	SO2_RUNEX	0.002344	0.002792	0.002943	0.003515	0.007314918	0.007016445	0.010025364	0.012421676	0.012349	0.010670684	0.002066	0.009797343	0.014185
S	SO2_STREX	0.000455	0.000554	0.000592	0.000704	0.000107854	7.00741E-05	8.62727E-05	4.65494E-07	0.000141	1.50668E-05	0.000566	4.03692E-05	0.000167
S	TOG_DIURN	0.07021	0.144584	0.124454	0.141346	0.003834979	0.001885149	0.000761743	4.31366E-06	0.002342	0.000303099	2.30644	0.00140319	1.165921
S	TOG_HTSK	0.082002	0.139571	0.116393	0.127516	0.071291604	0.036932237	0.018015141	8.65973E-05	0.016768	0.000383212	0.890579	0.006395447	0.048374
S	TOG_IDLEX	0	0	0	0	0.027158171	0.019579305	0.023765401	0.517639781	0.063282	0	0	0.393240493	0
S	TOG_RESTL	0.056352	0.107536	0.107326	0.123288	0.001838034	0.000930848	0.000380836	2.35956E-06	0.000977	0.000159605	1.297094	0.000593039	0.397941
S	TOG_RUNEX	0.007937	0.01822	0.015386	0.017342	0.100207285	0.12040619	0.017411402	0.076068324	0.027906	1.7769137	2.616404	0.091180389	0.070318
S	TOG_RUNLS	0.173299	0.43653	0.358138	0.366967	0.444708709	0.198259305	0.084462845	0.000391816	0.174968	0.001476669	1.631646	0.034828491	0.988953
S	TOG_STREX	0.145765	0.201203	0.220231	0.254728	0.061540862	0.033099023	0.045825593	2.37216E-06	0.085153	0.008033363	1.743112	0.028095716	0.086565
W	CH4_IDLEX	0	0	0	0	0.004655763	0.002820679	0.003865221	0.022671864	0.006953	0	0	0.059023381	0
W	CH4_RUNEX	0.00131	0.002631	0.002327	0.002557	0.006661678	0.006001398	0.001341623	0.048195692	0.002923	1.740619831	0.331847	0.005404263	0.007497
W	CH4_STREX	0.041955	0.053728	0.059979	0.066135	0.012487	0.00683799	0.00908338	4.66242E-07	0.017114	0.002166582	0.288833	0.006131143	0.022378
W	CO_IDLEX	0	0	0	0	0.181132815	0.135071866	0.460099358	6.434720576	0.616543	0	0	2.525577081	0
W	CO_RUNEX	0.457195	0.694654	0.641867	0.65806	0.606093284	0.536410889	0.190827643	0.407456593	0.347667	13.20360798	19.50917	0.442331298	0.658933
W	CO_STREX	2.254394	2.433415	2.949811	3.127919	1.053627649	0.587026646	1.045279224	0.006341711	1.868089	0.183478523	10.46066	0.959367466	2.014177
W	CO2_NBIO_IDLEX	0	0	0	0	8.664374667	13.59577054	69.89543956	1027.10682	96.94183	0	0	334.0966989	0
W	CO2_NBIO_RUNEX	217.4554	262.0412	278.1892	336.3565	749.5774031	726.9905232	1051.181202	1358.121942	1283.23	1654.125176	212.3647	1025.24937	1445.722
W	CO2_NBIO_STREX	47.33841	57.50659	61.63085	73.027	11.13612732	7.212125931	8.972602828	0.048481342	14.7238	1.617253795	63.31513	4.749864751	17.40429
W	NOX_IDLEX	0	0	0	0	0.052778955	0.086501617	0.398087381	5.645465842	0.428828	0	0	3.146970892	0
W	NOX_RUNEX	0.026485	0.057135	0.05312	0.059493	0.512694213	0.615626813	1.469526383	2.687382343	1.47993	0.711163412	1.22401	4.243794052	1.240791
W	NOX_STREX	0.158805	0.200955	0.232248	0.260912	0.289990958	0.162150975	1.703391952	2.321153921	1.121832	0.014586243	0.287874	0.956092034	0.254481
W	PM10_IDLEX	0	0	0	0	0.0008717	0.001465823	0.000332808	0.002832372	0.000152	0	0	0.003708707	0
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061011269	0.13034	0.069382874	0.01176	0.744800211	0.13034
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009831388	0.010801019	0.012000003	0.035565238	0.012	0.033326143	0.004	0.010812034	0.013148
W	PM10_RUNEX	0.00118	0.001431	0.001256	0.001305	0.008597279	0.014576048	0.007064452	0.024793091	0.00755	0.005169906	0.002061	0.027087656	0.020231
W	PM10_STREX	0.001567	0.001882	0.001614	0.001662	0.000231632	0.000117185	0.00011167	6.07666E-07	0.000149	1.70932E-05	0.002929	5.42621E-05	0.00024
W	PM25_IDLEX	0	0	0	0	0.000833991	0.001402412	0.000318411	0.002709845	0.000145	0	0	0.00354827	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026147687	0.05586	0.029735517	0.00504	0.31920009	0.05586
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002457847	0.002700255	0.003000001	0.00889131	0.003	0.008331536	0.001	0.002703009	0.003287
W	PM25_RUNEX	0.001086	0.001317	0.001156	0.001204	0.008179238	0.01392135	0.006752113	0.023720525	0.00721	0.004944673	0.001924	0.025901527	0.019315
W	PM25_STREX	0.001441	0.00173	0.001484	0.001528	0.000212977	0.000107747	0.000102676	5.58726E-07	0.000137	1.57166E-05	0.002748	4.9892E-05	0.000221
W	ROG_DIURN	0.015508	0.031524	0.028484	0.032251	0.000874195	0.00043571	0.000169667	8.31865E-07	0.000593	6.18916E-05	0.393601	0.000354973	0.270253
W	ROG_HTSK	0.078163	0.132088	0.110462	0.120803	0.071313412	0.035471138	0.016917279	8.66773E-05	0.016258	0.000321855	0.777722	0.00628551	0.050852
W	ROG_IDLEX	0	0	0	0	0.019371439	0.014669554	0.018746712	0.391257422	0.045725	0	0	0.274191582	0
W	ROG_RESTL	0.014139	0.026877	0.027884	0.031618	0.000480625	0.000245454	9.47186E-05	4.68105E-07	0.00028	2.85009E-05	0.187874	0.00016928	0.109035
W	ROG_RUNEX	0.004771	0.010999	0.009265	0.010505	0.081766375	0.103534435	0.013819369	0.02522471	0.020338	0.025260862	2.243635	0.075806006	0.052405
W	ROG_RUNLS	0.220307	0.579876	0.470479	0.478853	0.50912397	0.22911568	0.099315834	0.000434464	0.19672	0.002064366	2.107893	0.052218584	1.091262
W	ROG_STREX	0.180895	0.251554	0.273958	0.317198	0.062642266	0.033687166	0.04691563	2.42859E-06	0.087454	0.009097881	2.215875	0.034958206	0.088932
W	SO2_IDLEX	0	0	0	0	8.39927E-05	0.000129901	0.000663006	0.009556365	0.000921	0	0	0.003183031	0
W	SO2_RUNEX	0.002151	0.002593	0.002752	0.003324	0.007314555	0.007016323	0.010025269	0.012421659	0.012348	0.010670678	0.002102	0.009797069	0.014184
W	SO2_STREX	0.000468	0.000569	0.00061	0.000723	0.000110201	7.13698E-05	8.87912E-05	4.79762E-07	0.000146	1.6004E-05	0.000627	4.70038E-05	0.000172
W	TOG_DIURN	0.015508	0.031524	0.028484	0.032251	0.000874195	0.00043571	0.000169667	8.31865E-07	0.000593	6.18916E-05	0.393601	0.000354973	0.270253
W	TOG_HTSK	0.078163	0.132088	0.110462	0.120803	0.071313412	0.035471138	0.016917279	8.66773E-05	0.016258	0.000321855	0.777722	0.00628551	0.050852
W	TOG_IDLEX	0	0	0	0	0.027158171	0.019579305	0.025704178	0.449941645	0.059013	0	0	0.393364993	0
W	TOG_RESTL	0.014139	0.026877	0.027884	0.031618	0.000480625	0.000245454	9.47186E-05	4.68105E-07	0.00028	2.85009E-05	0.187874	0.00016928	0.109035
W	TOG_RUNEX	0.006933	0.016043	0.013483	0.015249	0.098546956	0.119861562	0.017044542	0.076049272	0.02687	1.776880422	2.795939	0.090105973	0.067556
W	TOG_RUNLS	0.220307	0.579876	0.470479	0.478853	0.50912397	0.22911568	0.099315834	0.000434464	0.19672	0.002064366	2.107893	0.052218584	1.091262
W	TOG_STREX	0.198058	0.27542	0.29995	0.347292	0.068585396	0.036883207	0.05136671	2.659E-06	0.095751	0.009961034	2.412342	0.038274835	0.097369

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2027
	Fleet Mix	0.575564	0.056293	0.184251	0.115043	0.020151117	0.005257292	0.008159185	0.006240029	0.000877	0.000355919	0.02431	0.000874175	0.002624	
A	CH4_IDLEX	0	0	0	0	0.004523004	0.002735399	0.003694559	0.024521179	0.007073	0	0	0.061665657	0	
A	CH4_RUNEX	0.001236	0.002395	0.002212	0.002375	0.006300235	0.005813533	0.001252794	0.04741486	0.002754	1.740676493	0.321557	0.005138552	0.00693	
A	CH4_STREX	0.035061	0.044238	0.050354	0.054586	0.011120765	0.006022948	0.008529978	4.40863E-07	0.015947	0.002153443	0.250613	0.005550754	0.020703	
A	CO_IDLEX	0	0	0	0	0.180034864	0.13414623	0.397382922	6.308985885	0.621263	0	0	2.581225264	0	
A	CO_RUNEX	0.44668	0.651919	0.622666	0.629795	0.574777053	0.522216152	0.179006969	0.408308426	0.326217	13.20467737	17.99352	0.423995073	0.577462	
A	CO_STREX	1.858296	1.999565	2.441062	2.552341	0.962569158	0.528921929	0.938075725	0.006089298	1.686821	0.156719089	9.137176	0.773797743	1.798636	
A	CO2_NBIO_IDLEX	0	0	0	0	8.555859124	13.43686933	68.37821921	991.8216439	96.38334	0	0	343.479325	0	
A	CO2_NBIO_RUNEX	214.1825	258.0617	271.8824	327.9726	734.8267754	713.1168345	1034.777102	1327.029582	1261.244	1654.131074	209.8855	1012.234219	1418.063	
A	CO2_NBIO_STREX	45.42356	55.33228	58.83783	69.66501	10.77251531	6.942698811	8.724124391	0.048486134	14.17472	1.574642529	59.89919	4.550107983	16.70265	
A	NOX_IDLEX	0	0	0	0	0.050955355	0.083095476	0.37124034	5.28501323	0.412461	0	0	3.122749743	0	
A	NOX_RUNEX	0.022528	0.046365	0.044158	0.048207	0.441278464	0.536682249	1.438875802	2.616018284	1.44315	0.711564769	1.140859	3.917808317	1.171061	
A	NOX_STREX	0.139449	0.174581	0.200027	0.22045	0.260078852	0.145015406	1.697782503	2.32127681	1.119005	0.014990672	0.27041	1.0042861	0.239034	
A	PM10_IDLEX	0	0	0	0	0.000884257	0.001477499	0.000240468	0.002352224	0.000135	0	0	0.002797058	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061037721	0.13034	0.069382874	0.01176	0.74480021	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.00985221	0.010813978	0.012000003	0.035580246	0.012	0.033326143	0.004	0.01077993	0.01316	
A	PM10_RUNEX	0.001116	0.001326	0.001198	0.001233	0.008145917	0.014335837	0.007041954	0.024599279	0.0076	0.005169882	0.002084	0.025727331	0.019096	
A	PM10_STREX	0.001501	0.001771	0.001554	0.001583	0.000225548	0.00011361	0.000110826	5.80981E-07	0.000151	1.70932E-05	0.00291	5.71723E-05	0.000232	
A	PM25_IDLEX	0	0	0	0	0.000846005	0.001413583	0.000230066	0.002250468	0.00013	0	0	0.002676058	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026159023	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002463052	0.002703494	0.003000001	0.008895062	0.003	0.008331536	0.001	0.002694982	0.00329	
A	PM25_RUNEX	0.001027	0.00122	0.001103	0.001137	0.007747953	0.013691886	0.006730483	0.023535097	0.007258	0.00494465	0.001945	0.024599734	0.01823	
A	PM25_STREX	0.00138	0.001629	0.001429	0.001456	0.000207383	0.00010446	0.000101901	5.34191E-07	0.000139	1.57166E-05	0.002728	5.25679E-05	0.000214	
A	ROG_DIURN	0.029246	0.058395	0.054161	0.061704	0.001631172	0.000782524	0.000317594	1.57383E-06	0.001073	0.000144615	0.895878	0.000676643	0.472977	
A	ROG_HTSK	0.071456	0.115859	0.10203	0.111067	0.061615953	0.030536748	0.015340076	7.04509E-05	0.015803	0.000381754	0.64941	0.006521933	0.040291	
A	ROG_IDLEX	0	0	0	0	0.018804955	0.014325884	0.018203539	0.424785743	0.048665	0	0	0.285282828	0	
A	ROG_RESTL	0.026589	0.049849	0.053101	0.060729	0.000868385	0.000431932	0.000174858	9.02621E-07	0.000485	7.39917E-05	0.478958	0.000315226	0.178048	
A	ROG_RUNEX	0.004367	0.009752	0.00862	0.009521	0.07940665	0.101907563	0.013230147	0.024934002	0.01948	0.025271431	2.152301	0.072251278	0.049322	
A	ROG_RUNLS	0.181092	0.445195	0.375058	0.381051	0.44676323	0.186227727	0.082220729	0.000351981	0.180432	0.002156553	1.670983	0.042487724	0.89152	
A	ROG_STREX	0.147654	0.201487	0.225067	0.255304	0.055389817	0.029329693	0.04333722	2.30346E-06	0.081072	0.009059567	1.901728	0.031572591	0.081476	
A	SO2_IDLEX	0	0	0	0	8.29183E-05	0.00012836	0.000648788	0.009226829	0.000915	0	0	0.0032726	0	
A	SO2_RUNEX	0.002119	0.002554	0.00269	0.003241	0.00716926	0.006881276	0.009870116	0.012136173	0.012136	0.010670556	0.002077	0.009675956	0.013911	
A	SO2_STREX	0.00045	0.000548	0.000582	0.000689	0.000106603	6.87036E-05	8.63323E-05	4.7981E-07	0.00014	1.55824E-05	0.000593	4.5027E-05	0.000165	
A	TOG_DIURN	0.029246	0.058395	0.054161	0.061704	0.001631172	0.000782524	0.000317594	1.57383E-06	0.001073	0.000144615	0.895878	0.000676643	0.472977	
A	TOG_HTSK	0.071456	0.115859	0.10203	0.111067	0.061615953	0.030536748	0.015340076	7.04509E-05	0.015803	0.000381754	0.64941	0.006521933	0.040291	
A	TOG_IDLEX	0	0	0	0	0.026313334	0.019062628	0.02482754	0.488403921	0.062306	0	0	0.409643846	0	
A	TOG_RESTL	0.026589	0.049849	0.053101	0.060729	0.000868385	0.000431932	0.000174858	9.02621E-07	0.000485	7.39917E-05	0.478958	0.000315226	0.178048	
A	TOG_RUNEX	0.006346	0.014227	0.012541	0.013817	0.095274806	0.117773914	0.016222711	0.074942354	0.025608	1.776949732	2.687784	0.085829221	0.063173	
A	TOG_RUNLS	0.181092	0.445195	0.375058	0.381051	0.44676323	0.186227727	0.082220729	0.000351981	0.180432	0.002156553	1.670983	0.042487724	0.89152	
A	TOG_STREX	0.161663	0.220603	0.24642	0.279526	0.060644878	0.032112322	0.047448801	2.522E-06	0.088764	0.009919086	2.070622	0.034568013	0.089206	
S	CH4_IDLEX	0	0	0	0	0.004535923	0.002742709	0.003483108	0.02590966	0.007172	0	0	0.061747632	0	
S	CH4_RUNEX	0.001399	0.002685	0.002492	0.002677	0.006410009	0.005857653	0.001283402	0.047416245	0.002837	1.740680821	0.314497	0.005215098	0.007121	

S	CH4_STREX	0.029615	0.037195	0.042462	0.046013	0.01051569	0.005696572	0.008047852	4.11646E-07	0.014972	0.001910819	0.212248	0.004667382	0.0193	
S	CO_IDLEX	0	0	0	0	0.180034864	0.13414623	0.334105455	6.221476117	0.615326	0	0	2.54796514	0	
S	CO_RUNEX	0.528108	0.762924	0.732004	0.739504	0.5843373	0.52550731	0.18159118	0.408908344	0.333698	13.20487475	17.40341	0.432001632	0.596242	
S	CO_STREX	1.468015	1.577869	1.922865	2.008145	0.895811849	0.492546359	0.8623073	0.005597465	1.537601	0.127457225	7.916478	0.568405498	1.638971	
S	CO2_NBIO_IDLEX	0	0	0	0	8.555859124	13.43686933	68.21248827	980.164302	95.20888	0	0	350.7768302	0	
S	CO2_NBIO_RUNEX	230.4261	274.8448	287.9208	343.9111	734.8441323	713.122812	1034.781723	1327.030565	1261.258	1654.131443	208.717	1012.248525	1418.096	
S	CO2_NBIO_STREX	44.72097	54.54703	57.88758	68.65592	10.65594561	6.879356679	8.594990377	0.047706061	13.92066	1.524758481	56.94244	4.207578581	16.43193	
S	NOX_IDLEX	0	0	0	0	0.050955355	0.083095476	0.360463723	5.04394578	0.391842	0	0	3.181189926	0	
S	NOX_RUNEX	0.020286	0.041435	0.039608	0.043267	0.421539457	0.51564143	1.38179552	2.519848009	1.382733	0.711049921	1.006101	3.760726805	1.114294	
S	NOX_STREX	0.124057	0.155328	0.177959	0.196126	0.243084001	0.135539452	1.692121306	2.321268738	1.106946	0.013978809	0.248878	0.999797303	0.222943	
S	PM10_IDLEX	0	0	0	0	0.000884257	0.001477499	0.000205947	0.002065919	0.00012	0	0	0.002366615	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061037721	0.13034	0.069382874	0.01176	0.74480021	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.00985221	0.010813978	0.012000003	0.035580246	0.012	0.033326143	0.004	0.01077993	0.01316	
S	PM10_RUNEX	0.001116	0.001326	0.001198	0.001233	0.008145917	0.014335837	0.007041954	0.024599279	0.0076	0.005169882	0.002084	0.025727331	0.019096	
S	PM10_STREX	0.001501	0.001771	0.001554	0.001583	0.000225548	0.00011361	0.000110826	5.80981E-07	0.000151	1.70932E-05	0.00291	5.71723E-05	0.000232	
S	PM25_IDLEX	0	0	0	0	0.000846005	0.001413583	0.000197038	0.001976548	0.000115	0	0	0.002264236	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026159023	0.05586	0.029735517	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002463052	0.002703494	0.003000001	0.008895062	0.003	0.008331536	0.001	0.002694982	0.00329	
S	PM25_RUNEX	0.001027	0.00122	0.001103	0.001137	0.007747953	0.013691886	0.006730483	0.023535097	0.007258	0.00494465	0.001945	0.024599734	0.01823	
S	PM25_STREX	0.00138	0.001629	0.001429	0.001456	0.000207383	0.00010446	0.000101901	5.34191E-07	0.000139	1.57166E-05	0.002728	5.25679E-05	0.000214	
S	ROG_DIURN	0.066278	0.133169	0.120367	0.137468	0.0036366	0.00174365	0.000719683	3.84582E-06	0.00234	0.000349827	2.299602	0.00147067	1.054319	
S	ROG_HTSK	0.077679	0.12927	0.111335	0.121751	0.067932292	0.033957524	0.01705691	7.75558E-05	0.016677	0.000475093	0.881638	0.006692214	0.043674	
S	ROG_IDLEX	0	0	0	0	0.018804955	0.014325884	0.017560436	0.449582444	0.050295	0	0	0.28531715	0	
S	ROG_RESTL	0.053402	0.100246	0.104306	0.120238	0.001758705	0.000875661	0.000365811	2.11073E-06	0.000977	0.000187244	1.287296	0.000633392	0.366306	
S	ROG_RUNEX	0.004856	0.010793	0.009561	0.010545	0.079917556	0.102083964	0.013351943	0.024941353	0.01984	0.025284438	2.088216	0.072625763	0.050221	
S	ROG_RUNLS	0.169052	0.411217	0.347323	0.3536	0.432965849	0.180267974	0.079145073	0.000346481	0.175358	0.001953184	1.554129	0.036446162	0.869053	
S	ROG_STREX	0.122637	0.166681	0.186676	0.211658	0.052185859	0.027636268	0.040645398	2.16039E-06	0.075847	0.00801631	1.594522	0.026517737	0.076219	
S	SO2_IDLEX	0	0	0	0	8.29183E-05	0.00012836	0.00064736	0.00911794	0.000904	0	0	0.003341543	0	
S	SO2_RUNEX	0.002279	0.00272	0.002848	0.003399	0.007169432	0.006881336	0.009870161	0.012136182	0.012136	0.01067056	0.002065	0.009676097	0.013911	
S	SO2_STREX	0.000443	0.00054	0.000573	0.000679	0.000105449	6.80768E-05	8.50544E-05	4.7209E-07	0.000138	1.50887E-05	0.000563	4.16374E-05	0.000163	
S	TOG_DIURN	0.066278	0.133169	0.120367	0.137468	0.0036366	0.00174365	0.000719683	3.84582E-06	0.00234	0.000349827	2.299602	0.00147067	1.054319	
S	TOG_HTSK	0.077679	0.12927	0.111335	0.121751	0.067932292	0.033957524	0.01705691	7.75558E-05	0.016677	0.000475093	0.881638	0.006692214	0.043674	
S	TOG_IDLEX	0	0	0	0	0.026313334	0.019062628	0.023803437	0.51687082	0.064163	0	0	0.409682918	0	
S	TOG_RESTL	0.053402	0.100246	0.104306	0.120238	0.001758705	0.000875661	0.000365811	2.11073E-06	0.000977	0.000187244	1.287296	0.000633392	0.366306	
S	TOG_RUNEX	0.00706	0.015745	0.013915	0.015312	0.09602032	0.118031317	0.016400435	0.07495308	0.026133	1.776968712	2.609322	0.086375668	0.064485	
S	TOG_RUNLS	0.169052	0.411217	0.347323	0.3536	0.432965849	0.180267974	0.079145073	0.000346481	0.175358	0.001953184	1.554129	0.036446162	0.869053	
S	TOG_STREX	0.134272	0.182495	0.204386	0.231738	0.057136947	0.030258235	0.044501594	2.36535E-06	0.083043	0.008776851	1.736211	0.029033584	0.083451	
W	CH4_IDLEX	0	0	0	0	0.004511888	0.002729105	0.003901632	0.022603752	0.00695	0	0	0.061590159	0	
W	CH4_RUNEX	0.001185	0.002306	0.002126	0.002283	0.006212049	0.005777914	0.001228921	0.047413806	0.00269	1.740673194	0.330521	0.005077065	0.006783	
W	CH4_STREX	0.039041	0.049399	0.056138	0.060875	0.011640106	0.006303129	0.008921778	4.65089E-07	0.016729	0.002356621	0.287242	0.006344361	0.021841	
W	CO_IDLEX	0	0	0	0	0.180034864	0.13414623	0.462225455	6.429832707	0.629463	0	0	2.627155912	0	
W	CO_RUNEX	0.437446	0.639836	0.610473	0.617733	0.567302255	0.519641493	0.177051309	0.407858851	0.320555	13.2045311	19.31045	0.417710176	0.563485	
W	CO_STREX	2.174012	2.340751	2.860876	2.993225	1.027980616	0.564633619	1.006599628	0.006534104	1.819897	0.183478523	10.49425	0.980622407	1.941705	
W	CO2_NBIO_IDLEX	0	0	0	0	8.555859124	13.43686933	68.72414444	1007.919878	98.0052	0	0	333.4018179	0	
W	CO2_NBIO_RUNEX	211.5132	255.3065	269.2493	325.3562	734.8131718	713.1121426	1034.773595	1327.028845	1261.234	1654.1308	212.2586	1012.222969	1418.038	
W	CO2_NBIO_STREX	45.98745	55.96173	59.60088	70.475	10.88547058	7.004208076	8.840201385	0.049191584	14.3998	1.620013135	63.04733	4.893221915	16.94368	
W	NOX_IDLEX	0	0	0	0	0.050955355	0.083095476	0.386140474	5.617915899	0.440935	0	0	3.042046634	0	
W	NOX_RUNEX	0.024592	0.050713	0.048256	0.052653	0.450857984	0.546021981	1.462712363	2.657116541	1.469702	0.711866082	1.222228	3.987825407	1.197983	
W	NOX_STREX	0.151216	0.189283	0.216887	0.239035	0.275262368	0.153482686	1.702659	2.321283763	1.129545	0.015814284	0.287768	1.00808642	0.2531	
W	PM10_IDLEX	0	0	0	0	0.000884257	0.001477499	0.000288141	0.002747597	0.000156	0	0	0.003391479	0	
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061037721	0.13034	0.069382874	0.01176	0.74480021	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.00985221	0.010813978	0.012000003	0.035580246	0.012	0.033326143	0.004	0.01077993	0.01316	
W	PM10_RUNEX	0.001116	0.001326	0.001198	0.001233	0.008145917	0.014335837	0.007041954	0.024599279	0.0076	0.005169882	0.002084	0.025727331	0.019096	
W	PM10_STREX	0.001501	0.001771	0.001554	0.001583	0.000225548	0.00011361	0.000110826	5.80981E-07	0.000151	1.70932E-05	0.00291	5.71723E-05	0.000232	
W	PM25_IDLEX	0	0	0	0	0.000846005	0.001413583	0.000275676	0.002628737	0.000149	0	0	0.003244765	0	
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026159023	0.05586	0.029735517	0.00504	0.31920009	0.05586	
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002463052	0.002703494	0.003000001	0.008895062	0.003	0.008331536	0.001	0.002694982	0.00329	
W	PM25_RUNEX	0.001027	0.00122	0.001103	0.001137	0.007747953	0.013691886	0.006730483	0.023535097	0.007258	0.00494465	0.001945	0.024599734	0.01823	
W	PM25_STREX	0.00138	0.001629	0.001429	0.001456	0.000207383	0.00010446	0.000101901	5.34191E-07	0.000139	1.57166E-05	0.002728	5.25679E-05	0.000214	
W	ROG_DIURN	0.014653	0.029168	0.02761	0.031366	0.000833331	0.000406582	0.000162297	7.62278E-07	0.000594	7.55704E-05	0.393189	0.000377886	0.246804	
W	ROG_HTSK	0.074068	0.122473	0.105719	0.115276	0.068055037	0.032601774	0.016028215	7.69093E-05	0.016175	0.000413037	0.763372	0.006593583	0.045537	
W	ROG_IDLEX	0	0	0	0	0.018804955	0.014325884	0.018744875	0.390542681	0.046413	0	0	0.285235431	0	
W	ROG_RESTL	0.013442	0.025222	0.027198	0.030889	0.000462992	0.000233045	9.24463E-05	4.36564E-07	0.000281	3.80751E-05	0.187401	0.000183542	0.101142	
W	ROG_RUNEX	0.004244	0.009493	0.008381	0.009272	0.078999571	0.101765897	0.013135803	0.024928444	0.019202	0.025261633	2.230508	0.071952478	0.048645	
W	ROG_RUNLS	0.215584	0.546131	0.456534	0.462025	0.495645278	0.208327879	0.093106896	0.000387216	0.197158	0.002707748	2.017277	0.054208081	0.959889	
W	ROG_STREX	0.166558	0.227897	0.254149	0.288418	0.058152502	0.030790566	0.045560139	2.42161E-06	0.085287	0.00993989	2.201519	0.036125152	0.085722	
W	SO2_IDLEX	0	0	0	0	8.29183E-05	0.00012836	0.000651919	0.009377199	0.000931	0	0	0.003177392	0	
W	SO2_RUNEX	0.002092	0.002526	0.002663	0.003215	0.007169126	0.00688123	0.009870081	0.012136165	0.012136	0.010670553	0.0021	0.009675844	0.013911	
W	SO2_STREX	0.000455	0.000554	0.00059	0.000697	0.000107721	6.93123E-05	8.7481E-05	4.86791E-07	0.000142	1.60313E-05	0.000624	4.84224E-05	0.000168	
W	TOG_DIURN	0.014653	0.029168	0.02761	0.031366	0.000833331	0.000406582	0.000162297	7.62278E-07	0.000594	7.55704E-05	0.393189	0.000377886	0.246804	
W	TOG_HTSK	0.074068	0.122473	0.105719	0.115276	0.068055037	0.032601774	0.016028215	7.69093E-05	0.016175	0.000413037	0.763372	0.006593583	0.045537	
W	TOG_IDLEX	0	0	0	0	0.026313334	0.019062628	0.025735791	0.449092489	0.059742	0	0	0.409589888	0	
W	TOG_RESTL	0.013442	0.025222	0.027198	0.030889	0.000462992	0.000233045	9.24463E-05	4.36564E-07	0.000281	3.80751E-05	0.187401	0.000183542	0.101142	
W	TOG_RUNEX	0.006166	0.013848	0.012193	0.013455	0.094680797	0.117567196	0.016085045	0.074934244	0.025201	1.776935434	2.783923	0.085393213	0.062185	
W	TOG_RUNLS	0.215584	0.546131	0.456534	0.462025	0.495645278	0.208327879	0.093106896	0.000387216	0.197158	0.002707748	2.017277	0.054208081	0.959889	
W	TOG_STREX	0.182361	0.249519	0.278261	0.315781	0.06366967	0.033711794	0.049882617	2.65136E-06	0.093378	0.010882928	2.396942	0.039552494	0.093855	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2028
	Fleet Mix	0.576295	0.05649	0.183529	0.114985	0.020136822	0.005304404	0.008187777	0.00613642	0.000868	0.000348599	0.024273	0.000861613	0.002585	
A	CH4_IDLEX	0	0	0	0	0.004388149	0.002650548	0.003741654	0.02449452	0.007085	0	0	0.064345252	0	
A	CH4_RUNEX	0.001128	0.00212	0.00203	0.00214	0.005928471	0.005611079	0.001162838	0.046761864	0.002553	1.73615523	0.32062	0.00486158	0.006268	
A	CH4_STREX	0.032772	0.040886	0.047241	0.050524	0.010406907	0.005572745	0.008444231	4.42638E-07	0.015707	0.002234008	0.249599	0.005768161	0.020274	
A	CO_IDLEX	0	0	0	0	0.179052132	0.133292983	0.400120572	6.310171466	0.630845	0	0	2.690407346	0	
A	CO_RUNEX	0.430146	0.606491	0.595262	0.595944	0.543354228	0.507206245	0.167935619	0.408577374	0.304718	13.16929491	17.84587	0.403635386	0.488199	
A	CO_STREX	1.796391	1.93431	2.373164	2.452075	0.942818283	0.511009924	0.911065297	0.00637917	1.649546	0.156719089	9.159413	0.796758832	1.740226	
A	CO2_NBIO_IDLEX	0	0	0	0	8.449235296	13.28344028	67.24088556	972.8148385	96.93859	0	0	341.7122893	0	
A	CO2_NBIO_RUNEX	208.8198	251.9376	263.7363	317.9865	721.3897696	700.5650286	1020.0344	1295.902575	1242.384	1653.788932	209.8374	998.7058082	1392.929	
A	CO2_NBIO_STREX	44.22347	53.95963	57.00542	67.38143	10.54404669	6.752980312	8.647423334	0.049187776	13.92694	1.575773442	59.66028	4.702999668	16.28976	
A	NOX_IDLEX	0	0	0	0	0.049173095	0.079938515	0.360367495	5.263450811	0.420495	0	0	2.996769181	0	
A	NOX_RUNEX	0.021166	0.041436	0.040377	0.043147	0.388151043	0.47816641	1.435895213	2.589866188	1.441219	0.712097427	1.139537	3.653697524	1.132505	
A	NOX_STREX	0.133644	0.165292	0.187679	0.203693	0.247098173	0.137574565	1.69516174	2.322093758	1.122827	0.015531942	0.270375	1.06002792	0.23795	
A	PM10_IDLEX	0	0	0	0	0.0008955	0.001487724	0.000211928	0.002280095	0.000138	0	0	0.00254248	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061063564	0.13034	0.069382874	0.01176	0.74480021	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009870424	0.010825571	0.012000003	0.035594917	0.012	0.033326143	0.004	0.010746437	0.013171	
A	PM10_RUNEX	0.001046	0.001227	0.001133	0.001158	0.007735938	0.014140842	0.007037704	0.024372986	0.007684	0.005171703	0.002106	0.024319225	0.017991	
A	PM10_STREX	0.001425	0.001661	0.001483	0.0015	0.000221298	0.000110579	0.000110763	5.4953E-07	0.000154	1.70932E-05	0.0029	6.03517E-05	0.000226	
A	PM25_IDLEX	0	0	0	0	0.000856761	0.001423366	0.00020276	0.002181459	0.000132	0	0	0.002432493	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026170099	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002467606	0.002706393	0.003000001	0.008898729	0.003	0.008331536	0.001	0.002686609	0.003293	
A	PM25_RUNEX	0.000963	0.001128	0.001043	0.001067	0.007356078	0.013505611	0.006726296	0.023318592	0.007337	0.004946392	0.001965	0.023252105	0.017174	
A	PM25_STREX	0.00131	0.001528	0.001363	0.001379	0.000203476	0.000101674	0.000101842	5.05273E-07	0.000141	1.57166E-05	0.002716	5.54912E-05	0.000207	
A	ROG_DIURN	0.027708	0.054141	0.052398	0.060103	0.001561463	0.000727305	0.000305335	1.34343E-06	0.001077	0.000176061	0.894939	0.000726163	0.428694	
A	ROG_HTSK	0.067954	0.107801	0.097557	0.106188	0.059221609	0.028225743	0.014729325	5.92044E-05	0.015792	0.000507574	0.643261	0.006972937	0.036241	
A	ROG_IDLEX	0	0	0	0	0.018280824	0.014009777	0.018283883	0.424433737	0.049285	0	0	0.296993225	0	
A	ROG_RESTL	0.025303	0.046809	0.051601	0.059293	0.000838802	0.000409132	0.000171469	7.8571E-07	0.000488	9.53102E-05	0.476924	0.000343137	0.164635	
A	ROG_RUNEX	0.003922	0.008509	0.007833	0.008484	0.077102811	0.100360374	0.012678459	0.024651297	0.018502	0.025206835	2.143101	0.068386013	0.045735	
A	ROG_RUNLS	0.177125	0.417577	0.362498	0.367355	0.440158949	0.170123143	0.077917168	0.00029205	0.181501	0.002745335	1.603998	0.045234063	0.777065	
A	ROG_STREX	0.13664	0.183558	0.209303	0.233537	0.051614068	0.026896989	0.042441829	2.3121E-06	0.079671	0.009416407	1.892867	0.03278516	0.078881	
A	SO2_IDLEX	0	0	0	0	8.18652E-05	0.000126872	0.000638034	0.00904907	0.00092	0	0	0.003256889	0	

A	SO2_RUNEX	0.002066	0.002493	0.002609	0.003142	0.007036954	0.006759109	0.009730897	0.011850118	0.011954	0.010680692	0.002077	0.009550154	0.013663	
A	SO2_STREX	0.000438	0.000534	0.000564	0.000667	0.000104342	6.68262E-05	8.55733E-05	4.86753E-07	0.000138	1.55936E-05	0.00059	4.654E-05	0.000161	
A	TOG_DIURN	0.027708	0.054141	0.052398	0.060103	0.001561463	0.000727305	0.000305335	1.34343E-06	0.001077	0.000176061	0.894939	0.000726163	0.428694	
A	TOG_HTSK	0.067954	0.107801	0.097557	0.106188	0.059221609	0.028225743	0.014729325	5.92044E-05	0.015792	0.000507574	0.643261	0.006972937	0.036241	
A	TOG_IDLEX	0	0	0	0	0.025532377	0.018587419	0.024967711	0.487992547	0.062989	0	0	0.426789356	0	
A	TOG_RESTL	0.025303	0.046809	0.051601	0.059293	0.000838802	0.000409132	0.000171469	7.8571E-07	0.000488	9.53102E-05	0.476924	0.000343137	0.164635	
A	TOG_RUNEX	0.005698	0.012413	0.011393	0.012307	0.09206178	0.115745581	0.015447937	0.073972063	0.024165	1.772335689	2.679591	0.081215084	0.058066	
A	TOG_RUNLS	0.177125	0.417577	0.362498	0.367355	0.440158949	0.170123143	0.077917168	0.00029205	0.181501	0.002745335	1.603998	0.045234063	0.777065	
A	TOG_STREX	0.149603	0.200973	0.229161	0.255693	0.056510908	0.029448818	0.046468461	2.53146E-06	0.08723	0.01030978	2.061144	0.035895624	0.086365	
S	CH4_IDLEX	0	0	0	0	0.00440066	0.002657615	0.003527684	0.025889305	0.007186	0	0	0.064435939	0	
S	CH4_RUNEX	0.001277	0.002379	0.002287	0.002413	0.006022233	0.005649082	0.00119055	0.046763218	0.002629	1.736159572	0.313779	0.004934163	0.006431	
S	CH4_STREX	0.027693	0.034405	0.039852	0.042607	0.009841013	0.005271347	0.007968845	4.13304E-07	0.014749	0.001982668	0.211605	0.004850406	0.018901	
S	CO_IDLEX	0	0	0	0	0.179052132	0.133292983	0.336333162	6.223232667	0.624777	0	0	2.658683143	0	
S	CO_RUNEX	0.508621	0.71039	0.699961	0.69991	0.551610547	0.509991185	0.170146305	0.409191376	0.311475	13.16950001	17.26884	0.411174217	0.50304	
S	CO_STREX	1.419892	1.527314	1.869972	1.930268	0.877690153	0.476051724	0.837478505	0.005863924	1.503623	0.127457225	7.925779	0.585271933	1.585944	
S	CO2_NBIO_IDLEX	0	0	0	0	8.449235296	13.28344028	67.02905975	961.2770187	95.75515	0	0	348.3785292	0	
S	CO2_NBIO_RUNEX	224.6495	268.3009	279.2687	333.3542	721.4046415	700.5700636	1020.038362	1295.903578	1242.396	1653.789313	208.6959	998.7192762	1392.955	
S	CO2_NBIO_STREX	43.54908	53.20836	56.0881	66.42047	10.43080392	6.692365786	8.521934054	0.048370589	13.6784	1.525751467	56.69379	4.350158145	16.02814	
S	NOX_IDLEX	0	0	0	0	0.049173095	0.079938515	0.349057348	5.021381401	0.399476	0	0	3.047805485	0	
S	NOX_RUNEX	0.01906	0.03705	0.036223	0.038731	0.370974063	0.459650923	1.379136299	2.494668834	1.3814	0.711549301	1.005066	3.506948401	1.07854	
S	NOX_STREX	0.118892	0.147061	0.166972	0.181217	0.230951774	0.128584937	1.689509243	2.322087422	1.110832	0.014483544	0.248907	1.05531998	0.221932	
S	PM10_IDLEX	0	0	0	0	0.0008955	0.001487724	0.000181895	0.002005115	0.000123	0	0	0.002152332	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061063564	0.13034	0.069382874	0.01176	0.74480021	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009870424	0.010825571	0.012000003	0.035594917	0.012	0.033326143	0.004	0.010746437	0.013171	
S	PM10_RUNEX	0.001046	0.001227	0.001133	0.001158	0.007735938	0.014140842	0.007037704	0.024372986	0.007684	0.005171703	0.002106	0.024319225	0.017991	
S	PM10_STREX	0.001425	0.001661	0.001483	0.0015	0.000221298	0.000110579	0.000110763	5.4953E-07	0.000154	1.70932E-05	0.0029	6.03517E-05	0.000226	
S	PM25_IDLEX	0	0	0	0	0.000856761	0.001423366	0.000174027	0.001918374	0.000118	0	0	0.002059223	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026170099	0.05586	0.029735517	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002467606	0.002706393	0.003000001	0.008898729	0.003	0.008331536	0.001	0.002686609	0.003293	
S	PM25_RUNEX	0.000963	0.001128	0.001043	0.001067	0.007356078	0.013505611	0.006726296	0.023318592	0.007337	0.004946392	0.001965	0.023252105	0.017174	
S	PM25_STREX	0.00131	0.001528	0.001363	0.001379	0.000203476	0.000101674	0.000101842	5.05273E-07	0.000141	1.57166E-05	0.002716	5.54912E-05	0.000207	
S	ROG_DIURN	0.062757	0.123193	0.116333	0.133901	0.003475496	0.001614602	0.000688159	3.20006E-06	0.002347	0.000414946	2.295907	0.001570375	0.953262	
S	ROG_HTSK	0.073763	0.11988	0.106371	0.116513	0.065193063	0.031249838	0.01632363	6.52028E-05	0.016652	0.000602082	0.875848	0.007133438	0.039255	
S	ROG_IDLEX	0	0	0	0	0.018280824	0.014009777	0.017637924	0.449274976	0.050957	0	0	0.297109714	0	
S	ROG_RESTL	0.050752	0.093822	0.101198	0.117334	0.001693748	0.000825123	0.000355552	1.7696E-06	0.000981	0.000225859	1.280082	0.000683928	0.337482	
S	ROG_RUNEX	0.004361	0.00942	0.008688	0.009396	0.077516732	0.100504297	0.012784859	0.024658265	0.018827	0.025219841	2.080941	0.068738109	0.046464	
S	ROG_RUNLS	0.165175	0.385655	0.335606	0.340724	0.426506921	0.16465689	0.074959466	0.000285564	0.176386	0.002496334	1.490118	0.038900697	0.757238	
S	ROG_STREX	0.113516	0.151933	0.173635	0.193658	0.048631933	0.025346857	0.039805623	2.16849E-06	0.074536	0.008332058	1.588939	0.027536171	0.073794	
S	SO2_IDLEX	0	0	0	0	8.18652E-05	0.000126872	0.000636169	0.00894135	0.000909	0	0	0.003319868	0	
S	SO2_RUNEX	0.002222	0.002655	0.002763	0.003295	0.007037102	0.006759159	0.009730936	0.011850128	0.011954	0.010680696	0.002065	0.009550288	0.013663	
S	SO2_STREX	0.000431	0.000527	0.000555	0.000657	0.000103221	6.62264E-05	8.43314E-05	4.78666E-07	0.000135	1.50985E-05	0.000561	4.30483E-05	0.000159	
S	TOG_DIURN	0.062757	0.123193	0.116333	0.133901	0.003475496	0.001614602	0.000688159	3.20006E-06	0.002347	0.000414946	2.295907	0.001570375	0.953262	
S	TOG_HTSK	0.073763	0.11988	0.106371	0.116513	0.065193063	0.031249838	0.01632363	6.52028E-05	0.016652	0.000602082	0.875848	0.007133438	0.039255	
S	TOG_IDLEX	0	0	0	0	0.025532377	0.018587419	0.02393689	0.516514423	0.064892	0	0	0.42692197	0	
S	TOG_RESTL	0.050752	0.093822	0.101198	0.117334	0.001693748	0.000825123	0.000355552	1.7696E-06	0.000981	0.000225859	1.280082	0.000683928	0.337482	
S	TOG_RUNEX	0.00634	0.013744	0.012641	0.013639	0.092665772	0.115955593	0.015603195	0.07398223	0.02464	1.772354668	2.603245	0.081728862	0.059129	
S	TOG_RUNLS	0.165175	0.385655	0.335606	0.340724	0.426506921	0.16465689	0.074959466	0.000285564	0.176386	0.002496334	1.490118	0.038900697	0.757238	
S	TOG_STREX	0.124286	0.166348	0.190108	0.212031	0.053245845	0.027751618	0.043582147	2.37422E-06	0.081608	0.009122554	1.730269	0.030148641	0.080795	
W	CH4_IDLEX	0	0	0	0	0.004377382	0.002644462	0.003951143	0.022568388	0.006959	0	0	0.064260135	0	
W	CH4_RUNEX	0.001082	0.00204	0.00195	0.002056	0.005852527	0.005580295	0.001141225	0.046760829	0.002493	1.736151919	0.329371	0.004803286	0.006142	
W	CH4_STREX	0.036482	0.045632	0.052656	0.056329	0.010892797	0.005831602	0.008830377	4.6696E-07	0.016476	0.002444434	0.285818	0.006592611	0.021388	
W	CO_IDLEX	0	0	0	0	0.179052132	0.133292983	0.465405605	6.430229808	0.639226	0	0	2.73421696	0	
W	CO_RUNEX	0.421239	0.59512	0.583572	0.584466	0.536879037	0.505024503	0.16626241	0.408116717	0.299606	13.16914291	19.13978	0.397717643	0.477115	
W	CO_STREX	2.100899	2.263545	2.780773	2.874764	1.006652003	0.545377075	0.977616161	0.006845151	1.779681	0.183478523	10.52389	1.009720654	1.878227	
W	CO2_NBIO_IDLEX	0	0	0	0	8.449235296	13.28344028	67.6493612	988.7480182	98.57285	0	0	332.5065295	0	
W	CO2_NBIO_RUNEX	206.2184	249.2509	261.1862	315.4636	721.3780654	700.5610688	1020.031392	1295.901822	1242.375	1653.788649	212.1677	998.6952166	1392.909	
W	CO2_NBIO_STREX	44.76476	54.56197	57.74217	68.15292	10.65386162	6.81194554	8.760218751	0.04992679	14.14711	1.621260433	62.808	5.056428343	16.52228	
W	NOX_IDLEX	0	0	0	0	0.049173095	0.079938515	0.37600462	5.59773714	0.449522	0	0	2.926290475	0	
W	NOX_RUNEX	0.023107	0.045319	0.044121	0.047124	0.396513785	0.486379154	1.459525073	2.630523233	1.46737	0.712418215	1.220705	3.719203076	1.157867	
W	NOX_STREX	0.144922	0.179216	0.203499	0.220866	0.261528389	0.145610715	1.700030744	2.322099217	1.133311	0.016385293	0.287684	1.064013773	0.251951	
W	PM10_IDLEX	0	0	0	0	0.0008955	0.001487724	0.000253402	0.00265983	0.00016	0	0	0.003081256	0	
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061063564	0.13034	0.069382874	0.01176	0.74480021	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009870424	0.010825571	0.012000003	0.035594917	0.012	0.033326143	0.004	0.010746437	0.013171	
W	PM10_RUNEX	0.001046	0.001227	0.001133	0.001158	0.007735938	0.014140842	0.007037704	0.024372986	0.007684	0.005171703	0.002106	0.024319225	0.017991	
W	PM10_STREX	0.001425	0.001661	0.001483	0.0015	0.000221298	0.000110579	0.000110763	5.4953E-07	0.000154	1.70932E-05	0.0029	6.03517E-05	0.000226	
W	PM25_IDLEX	0	0	0	0	0.000856761	0.001423366	0.00024244	0.002544767	0.000153	0	0	0.002947962	0	
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026170099	0.05586	0.029735517	0.00504	0.31920009	0.05586	
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002467606	0.002706393	0.003000001	0.008898729	0.003	0.008331536	0.001	0.002686609	0.003293	
W	PM25_RUNEX	0.000963	0.001128	0.001043	0.001067	0.007356078	0.013505611	0.006726296	0.023318592	0.007337	0.004946392	0.001965	0.023252105	0.017174	
W	PM25_STREX	0.00131	0.001528	0.001363	0.001379	0.000203476	0.000101674	0.000101842	5.05273E-07	0.000141	1.57166E-05	0.002716	5.54912E-05	0.000207	
W	ROG_DIURN	0.013883	0.027095	0.026725	0.030537	0.000799773	0.000379798	0.000157099	6.65202E-07	0.000598	9.46408E-05	0.393292	0.000408048	0.225435	
W	ROG_HTSK	0.070337	0.113579	0.101011	0.110239	0.065474944	0.03001974	0.015346328	6.36515E-05	0.016156	0.000539271	0.753061	0.007040162	0.040582	
W	ROG_IDLEX	0	0	0	0	0.018280824	0.014009777	0.01882505	0.390129168	0.046976	0	0	0.296832358	0	
W	ROG_RESTL	0.012804	0.023739	0.026456	0.03017	0.000448309	0.000221476	9.12304E-05	3.92394E-07	0.000283	5.14554E-05	0.187311	0.000200477	0.093899	
W	ROG_RUNEX	0.003811	0.00828	0.007616	0.00826	0.076768743	0.100244053	0.012596036	0.024645998	0.01825	0.025197036	2.219366	0.068105077	0.045183	
W	ROG_RUNLS	0.211311	0.512233	0.44142	0.445767	0.488126817	0.190266252	0.088230911	0.000323938	0.198317	0.003423834	1.942411	0.057517267	0.837505	
W	ROG_STREX	0.154102	0.207536	0.236313	0.263775	0.054186227	0.028234867	0.04461882	2.4307E-06	0.083813	0.010331403	2.188958	0.037512565	0.082987	
W	SO2_IDLEX	0	0	0	0	8.18652E-05	0.000126872	0.000641756	0.009197827	0.000936	0	0	0.003169917	0	
W	SO2_RUNEX	0.00204	0.002467	0.002584	0.003117	0.007036839	0.00675907	0.009730867	0.011850111	0.011954	0.010680689	0.0021	0.00955005	0.013663	
W	SO2_STREX	0.000443	0.00054	0.000571	0.000674	0.000105429	6.74097E-05	8.66895E-05	4.94066E-07	0.00014	1.60437E-05	0.000622	5.00375E-05	0.000164	
W	TOG_DIURN	0.013883	0.027095	0.026725	0.030537	0.000799773	0.000379798	0.000157099	6.65202E-07	0.000598	9.46408E-05	0.393292	0.000408048	0.225435	
W	TOG_HTSK	0.070337	0.113579	0.101011	0.110239	0.065474944	0.03001974	0.015346328	6.36515E-05	0.016156	0.000539271	0.753061	0.007040162	0.040582	
W	TOG_IDLEX	0	0	0	0	0.025532377	0.018587419	0.025879234	0.448605195	0.06036	0	0	0.426606222	0	
W	TOG_RESTL	0.012804	0.023739	0.026456	0.03017	0.000448309	0.000221476	9.12304E-05	3.92394E-07	0.000283	5.14554E-05	0.187311	0.000200477	0.093899	
W	TOG_RUNEX	0.005536	0.01208	0.011076	0.011981	0.091574309	0.115575846	0.015327664	0.073964331	0.023798	1.77232139	2.773609	0.080805142	0.057261	
W	TOG_RUNLS	0.211311	0.512233	0.44142	0.445767	0.488126817	0.190266252	0.088230911	0.000323938	0.198317	0.003423834	1.942411	0.057517267	0.837505	
W	TOG_STREX	0.168723	0.227226	0.258733	0.288801	0.059327098	0.030913626	0.048851992	2.66131E-06	0.091764	0.011311586	2.383467	0.041071537	0.09086	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2029
	Fleet Mix	0.576787	0.05666	0.182855	0.114996	0.020141776	0.005350831	0.00820579	0.006159196	0.00086	0.000341627	0.024243	0.000849338	0.00255	
A	CH4_IDLEX	0	0	0	0	0.00426348	0.002573811	0.003788493	0.024335337	0.007093	0	0	0.067170653	0	
A	CH4_RUNEX	0.001036	0.00188	0.001867	0.001936	0.005588762	0.005463703	0.001091595	0.046015331	0.002364	1.859484252	0.319805	0.004648301	0.00554	
A	CH4_STREX	0.030745	0.037911	0.044399	0.046995	0.009696297	0.005165297	0.008399925	4.37828E-07	0.015423	0.002352444	0.24865	0.006050592	0.019933	
A	CO_IDLEX	0	0	0	0	0.178157322	0.132544603	0.402832845	6.291949096	0.638605	0	0	2.806707389	0	
A	CO_RUNEX	0.416322	0.566678	0.571216	0.566333	0.510146287	0.497219452	0.159244694	0.406458288	0.282463	14.11039825	17.7187	0.390581988	0.383765	
A	CO_STREX	1.739409	1.873768	2.310274	2.362697	0.917967661	0.496356604	0.889968666	0.006540682	1.611484	0.156719089	9.180114	0.827602153	1.685695	
A	CO2_NBIO_IDLEX	0	0	0	0	8.347906654	13.1385011	66.1436073	949.5511078	97.29473	0	0	339.7434834	0	
A	CO2_NBIO_RUNEX	204.0596	246.4149	256.3905	309.0592	709.3951063	689.5424772	1006.36578	1256.797437	1225.693	1668.672656	209.7954	984.8337989	1370.216	
A	CO2_NBIO_STREX	43.1381	52.69984	55.32454	65.31384	10.31754676	6.58584305	8.593855315	0.050624129	13.68187	1.577473525	59.44023	4.879396242	15.89676	
A	NOX_IDLEX	0	0	0	0	0.047483751	0.076976494	0.350581002	5.225230822	0.42716	0	0	2.859497492	0	
A	NOX_RUNEX	0.020079	0.03714	0.037103	0.038894	0.341795052	0.428207532	1.432719602	2.536151928	1.443234	0.706010249	1.138391	3.375262556	1.095984	
A	NOX_STREX	0.128804	0.157334	0.176845	0.189858	0.235496754	0.130868837	1.692151791	2.316911992	1.126187	0.016330397	0.270331	1.120632168	0.237279	
A	PM10_IDLEX	0	0	0	0	0.000905449	0.00149412	0.000186635	0.0022064	0.000141	0	0	0.00229343	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061087119	0.13034	0.069382874	0.01176	0.74480021	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.00988649	0.010835438	0.012000003	0.035608276	0.012	0.033326143	0.004	0.01071143	0.013181	
A	PM10_RUNEX	0.000979	0.001138	0.00107	0.001086	0.007362755	0.013966647	0.00702781	0.023980699	0.007779	0.005116006	0.002124	0.022831578	0.017002	
A	PM10_STREX	0.001349	0.001558	0.001411	0.001419	0.00021651	0.000108096	0.000111264	5.67264E-07	0.000155	1.70932E-05	0.002887	6.39318E-05	0.000218	
A	PM25_IDLEX	0	0	0	0	0.000866279	0.001429485	0.000178561	0.002110952	0.000135	0	0	0.002194217	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026180194	0.05586	0.029735517	0.00504	0.31920009	0.05586	

A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002471623	0.00270886	0.003000001	0.008902069	0.003	0.008331536	0.001	0.002677858	0.003295
A	PM25_RUNEX	0.000901	0.001046	0.000986	0.001001	0.006999439	0.013339161	0.006716716	0.022943275	0.007428	0.004893104	0.001982	0.021828201	0.016229
A	PM25_STREX	0.00124	0.001433	0.001297	0.001305	0.000199073	9.93904E-05	0.000102303	5.21578E-07	0.000142	1.57166E-05	0.002702	5.8783E-05	0.0002
A	ROG_DIURN	0.026202	0.050077	0.050573	0.05856	0.001488564	0.000680957	0.000296639	1.36606E-06	0.00107	0.000219197	0.894408	0.000796343	0.383898
A	ROG_HTSK	0.064567	0.100215	0.093056	0.101682	0.057002897	0.026108656	0.014260327	5.97058E-05	0.0157	0.000679023	0.638017	0.007629038	0.031944
A	ROG_IDLEX	0	0	0	0	0.01779524	0.013723861	0.018378981	0.42287075	0.049775	0	0	0.309464794	0
A	ROG_RESTL	0.024022	0.043843	0.04997	0.057867	0.00080814	0.000389977	0.000169577	8.06573E-07	0.000488	0.000124602	0.475312	0.000377771	0.151075
A	ROG_RUNEX	0.003548	0.007419	0.007134	0.00758	0.075030842	0.099205585	0.01222628	0.024234667	0.01757	0.026968968	2.135272	0.064504587	0.041758
A	ROG_RUNLS	0.173253	0.389911	0.348899	0.353875	0.434675478	0.155024505	0.074540258	0.000295526	0.181777	0.003428117	1.549578	0.049489503	0.642672
A	ROG_STREX	0.126948	0.167714	0.194969	0.214749	0.047634018	0.02468454	0.041831419	2.28653E-06	0.077908	0.009942799	1.88457	0.034376799	0.076745
A	SO2_IDLEX	0	0	0	0	8.0865E-05	0.000125469	0.000627663	0.00883332	0.000924	0	0	0.003239354	0
A	SO2_RUNEX	0.002019	0.002438	0.002536	0.003054	0.006918859	0.006651883	0.009601752	0.011489512	0.011793	0.010417349	0.002076	0.00942129	0.013439
A	SO2_STREX	0.000427	0.000522	0.000547	0.000646	0.0001021	6.51723E-05	8.50432E-05	5.00967E-07	0.000135	1.56104E-05	0.000588	4.82856E-05	0.000157
A	TOG_DIURN	0.026202	0.050077	0.050573	0.05856	0.001488564	0.000680957	0.000296639	1.36606E-06	0.00107	0.000219197	0.894408	0.000796343	0.383898
A	TOG_HTSK	0.064567	0.100215	0.093056	0.101682	0.057002897	0.026108656	0.014260327	5.97058E-05	0.0157	0.000679023	0.638017	0.007629038	0.031944
A	TOG_IDLEX	0	0	0	0	0.024808967	0.018158081	0.025127945	0.486125876	0.063524	0	0	0.445032622	0
A	TOG_RESTL	0.024022	0.043843	0.04997	0.057867	0.00080814	0.000389977	0.000169577	8.06573E-07	0.000488	0.000124602	0.475312	0.000377771	0.151075
A	TOG_RUNEX	0.005154	0.010825	0.010372	0.010991	0.089154524	0.114247684	0.014817211	0.072763798	0.022789	1.898202346	2.672508	0.076720534	0.052367
A	TOG_RUNLS	0.173253	0.389911	0.348899	0.353875	0.434675478	0.155024505	0.074540258	0.000295526	0.181777	0.003428117	1.549578	0.049489503	0.642672
A	TOG_STREX	0.138992	0.183626	0.213466	0.235123	0.052153254	0.027026465	0.045800138	2.50346E-06	0.085299	0.010886114	2.052265	0.037638268	0.084026
S	CH4_IDLEX	0	0	0	0	0.004275593	0.002580641	0.003571933	0.02572898	0.007196	0	0	0.067270803	0
S	CH4_RUNEX	0.001174	0.002111	0.002105	0.002184	0.00567276	0.005497952	0.001117027	0.04601674	0.002434	1.859488615	0.313152	0.004719547	0.005668
S	CH4_STREX	0.02599	0.031928	0.037467	0.039652	0.009169924	0.00488645	0.007928642	4.08813E-07	0.014484	0.002088321	0.210999	0.005088131	0.018584
S	CO_IDLEX	0	0	0	0	0.178157322	0.132544603	0.338468368	6.205852031	0.632429	0	0	2.776554723	0
S	CO_RUNEX	0.492339	0.664394	0.671866	0.665379	0.517381561	0.499696794	0.161162001	0.407104037	0.288463	14.11061476	17.15294	0.397927843	0.393595
S	CO_STREX	1.375597	1.480479	1.820995	1.861042	0.854834622	0.46256381	0.81808585	0.006012391	1.468928	0.127457225	7.934434	0.607928387	1.536574
S	CO2_NBIO_IDLEX	0	0	0	0	8.347906654	13.1385011	65.89245277	938.1831338	96.10487	0	0	345.7278684	0
S	CO2_NBIO_RUNEX	219.5265	262.4052	271.4723	323.9295	709.408131	689.5469484	1006.369225	1256.798492	1225.704	1668.673056	208.6772	984.8469268	1370.234
S	CO2_NBIO_STREX	42.4894	51.97975	54.43758	64.39585	10.20825242	6.527513493	8.471194231	0.04978627	13.43906	1.527248088	56.46457	4.51272257	15.64379
S	NOX_IDLEX	0	0	0	0	0.047483751	0.076976494	0.338807167	4.982886393	0.405809	0	0	2.902532232	0
S	NOX_RUNEX	0.018083	0.03323	0.033294	0.034927	0.326862104	0.411832765	1.37624507	2.442913644	1.383803	0.705413034	1.004168	3.239216856	1.044785
S	NOX_STREX	0.114587	0.139978	0.157333	0.168909	0.220108545	0.122317476	1.68648083	2.316905864	1.1143	0.015228104	0.248922	1.115605551	0.221306
S	PM10_IDLEX	0	0	0	0	0.000905449	0.00149412	0.000160578	0.001942734	0.000125	0	0	0.001942727	0
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061087119	0.13034	0.069382874	0.01176	0.74480021	0.13034
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.00988649	0.010835438	0.012000003	0.035608276	0.012	0.033326143	0.004	0.01071143	0.013181
S	PM10_RUNEX	0.000979	0.001138	0.00107	0.001086	0.007362755	0.013966647	0.00702781	0.023980699	0.007779	0.005116006	0.002124	0.022831578	0.017002
S	PM10_STREX	0.001349	0.001558	0.001411	0.001419	0.00021651	0.000108096	0.000111264	5.67264E-07	0.000155	1.70932E-05	0.002887	6.39318E-05	0.000218
S	PM25_IDLEX	0	0	0	0	0.000866279	0.001429485	0.000153631	0.001858692	0.00012	0	0	0.001858686	0
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026180194	0.05586	0.029735517	0.00504	0.31920009	0.05586
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002471623	0.00270886	0.003000001	0.008902069	0.003	0.008331536	0.001	0.002677858	0.003295
S	PM25_RUNEX	0.000901	0.001046	0.000986	0.001001	0.006999439	0.013339161	0.006716716	0.022943275	0.007428	0.004893104	0.001982	0.021828201	0.016229
S	PM25_STREX	0.00124	0.001433	0.001297	0.001305	0.000199073	9.93904E-05	0.000102303	5.21578E-07	0.000142	1.57166E-05	0.002702	5.8783E-05	0.0002
S	ROG_DIURN	0.05933	0.113712	0.112212	0.130485	0.003307809	0.001506287	0.000665328	3.22155E-06	0.002326	0.000504246	2.293101	0.001717704	0.851301
S	ROG_HTSK	0.06999	0.111086	0.101428	0.111709	0.062678349	0.028784459	0.01575287	6.56651E-05	0.016545	0.000774777	0.871142	0.007796627	0.034595
S	ROG_IDLEX	0	0	0	0	0.01779524	0.013723861	0.017728393	0.447683539	0.051481	0	0	0.309665796	0
S	ROG_RESTL	0.048147	0.087627	0.0979	0.114493	0.001627282	0.000782647	0.000348929	1.78822E-06	0.000977	0.000278906	1.273674	0.000749099	0.308602
S	ROG_RUNEX	0.003946	0.008218	0.007913	0.008396	0.075391713	0.099331824	0.012320511	0.024241902	0.017862	0.026981975	2.074772	0.064848742	0.042265
S	ROG_RUNLS	0.161388	0.360045	0.322937	0.328073	0.421118131	0.150018789	0.071672587	0.00028816	0.176627	0.003130913	1.437894	0.0426216	0.625953
S	ROG_STREX	0.105487	0.138907	0.161777	0.178154	0.04488607	0.023264813	0.039233127	2.14451E-06	0.072886	0.008797833	1.58367	0.028872984	0.071798
S	SO2_IDLEX	0	0	0	0	8.0865E-05	0.000125469	0.000625425	0.008727218	0.000912	0	0	0.003295892	0
S	SO2_RUNEX	0.002172	0.002597	0.002686	0.003201	0.006918988	0.006651927	0.009601786	0.011489522	0.011793	0.010417353	0.002065	0.00942142	0.013439
S	SO2_STREX	0.00042	0.000514	0.000539	0.000637	0.000101019	6.4595E-05	8.38293E-05	4.92675E-07	0.000133	1.51134E-05	0.000559	4.4657E-05	0.000155
S	TOG_DIURN	0.05933	0.113712	0.112212	0.130485	0.003307809	0.001506287	0.000665328	3.22155E-06	0.002326	0.000504246	2.293101	0.001717704	0.851301
S	TOG_HTSK	0.06999	0.111086	0.101428	0.111709	0.062678349	0.028784459	0.01575287	6.56651E-05	0.016545	0.000774777	0.871142	0.007796627	0.034595
S	TOG_IDLEX	0	0	0	0	0.024808967	0.018158081	0.024088157	0.514615563	0.065466	0	0	0.445261447	0
S	TOG_RESTL	0.048147	0.087627	0.0979	0.114493	0.001627282	0.000782647	0.000348929	1.78822E-06	0.000977	0.000278906	1.273674	0.000749099	0.308602
S	TOG_RUNEX	0.005735	0.01199	0.011509	0.012182	0.089681105	0.114431892	0.014954711	0.072774355	0.023215	1.898221325	2.59799	0.077222726	0.053106
S	TOG_RUNLS	0.161388	0.360045	0.322937	0.328073	0.421118131	0.150018789	0.071672587	0.00028816	0.176627	0.003130913	1.437894	0.0426216	0.625953
S	TOG_STREX	0.115495	0.152086	0.177125	0.195056	0.049144596	0.025472042	0.042955336	2.34796E-06	0.079801	0.00963252	1.724657	0.031612283	0.07861
W	CH4_IDLEX	0	0	0	0	0.004253051	0.002567928	0.004000485	0.022410783	0.006965	0	0	0.067075176	0
W	CH4_RUNEX	0.000994	0.001808	0.001794	0.001859	0.00552072	0.005435962	0.001071764	0.046014255	0.00231	1.859480926	0.328372	0.004591088	0.005441
W	CH4_STREX	0.034217	0.04229	0.049478	0.052377	0.010148425	0.005404908	0.008782596	4.61886E-07	0.016176	0.0025735	0.284492	0.006915151	0.021027
W	CO_IDLEX	0	0	0	0	0.178157322	0.132544603	0.468634105	6.410845043	0.647135	0	0	2.848346785	0
W	CO_RUNEX	0.40769	0.555902	0.559958	0.555253	0.50447293	0.495278788	0.157793294	0.405973813	0.277922	14.11023781	18.99274	0.384815725	0.376339
W	CO_STREX	2.033619	2.191852	2.706564	2.768958	0.979930552	0.529628055	0.954978478	0.007018461	1.738616	0.183478523	10.55156	1.048807937	1.818682
W	CO2_NBIO_IDLEX	0	0	0	0	8.347906654	13.1385011	66.60553688	965.2497386	98.93788	0	0	331.4793326	0
W	CO2_NBIO_RUNEX	201.5177	243.789	253.9142	306.6175	709.3848574	689.5389611	1006.363164	1256.796645	1225.685	1668.67236	212.0888	984.8234748	1370.203
W	CO2_NBIO_STREX	43.65882	53.27726	56.03702	66.05083	10.42372139	6.642695862	8.704102952	0.05138184	13.89698	1.623132202	62.58778	5.246662572	16.12095
W	NOX_IDLEX	0	0	0	0	0.047483751	0.076976494	0.366858683	5.559896938	0.456646	0	0	2.800068566	0
W	NOX_RUNEX	0.021922	0.040616	0.04054	0.042473	0.349096302	0.435471495	1.45617174	2.575933931	1.469088	0.706359767	1.219386	3.436154303	1.11978
W	NOX_STREX	0.139676	0.170593	0.191754	0.205865	0.249253412	0.138516621	1.6970367	2.316917272	1.136578	0.017227616	0.287596	1.12488782	0.25124
W	PM10_IDLEX	0	0	0	0	0.000905449	0.00149412	0.000222619	0.00257051	0.000162	0	0	0.002777733	0
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061087119	0.13034	0.069382874	0.01176	0.74480021	0.13034
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.00988649	0.010835438	0.012000003	0.035608276	0.012	0.033326143	0.004	0.01071143	0.013181
W	PM10_RUNEX	0.000979	0.001138	0.00107	0.001086	0.007362755	0.013966647	0.00702781	0.023980699	0.007779	0.005116006	0.002124	0.022831578	0.017002
W	PM10_STREX	0.001349	0.001558	0.001411	0.001419	0.00021651	0.000108096	0.000111264	5.67264E-07	0.000155	1.70932E-05	0.002887	6.39318E-05	0.000218
W	PM25_IDLEX	0	0	0	0	0.000866279	0.001429485	0.000212989	0.002459311	0.000155	0	0	0.00265757	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026180194	0.05586	0.029735517	0.00504	0.31920009	0.05586
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002471623	0.00270886	0.003000001	0.008902069	0.003	0.008331536	0.001	0.002677858	0.003295
W	PM25_RUNEX	0.000901	0.001046	0.000986	0.001001	0.006999439	0.013339161	0.006716716	0.022943275	0.007428	0.004893104	0.001982	0.021828201	0.016229
W	PM25_STREX	0.00124	0.001433	0.001297	0.001305	0.000199073	9.93904E-05	0.000102303	5.21578E-07	0.000142	1.57166E-05	0.002702	5.8783E-05	0.0002
W	ROG_DIURN	0.013128	0.025109	0.0258	0.029737	0.000765027	0.000357239	0.000153542	6.82606E-07	0.000596	0.0001208	0.393602	0.000448854	0.20387
W	ROG_HTSK	0.066721	0.105183	0.096285	0.105599	0.063064497	0.027650465	0.014821346	6.3874E-05	0.016046	0.000711149	0.743827	0.007699194	0.035282
W	ROG_IDLEX	0	0	0	0	0.01779524	0.013723861	0.018922149	0.388605469	0.04742	0	0	0.30918722	0
W	ROG_RESTL	0.012165	0.022284	0.025636	0.029449	0.000433183	0.000211728	9.07007E-05	4.07808E-07	0.000284	6.98401E-05	0.187434	0.000221232	0.086571
W	ROG_RUNEX	0.003447	0.007217	0.006936	0.007371	0.074739524	0.09910355	0.012153277	0.024229165	0.017344	0.026959169	2.209863	0.064229986	0.041366
W	ROG_RUNLS	0.207156	0.478343	0.425035	0.429721	0.481937938	0.173361152	0.084394953	0.000328601	0.198645	0.004241982	1.882208	0.062824709	0.693991
W	ROG_STREX	0.143146	0.189533	0.220094	0.242467	0.05000511	0.025910504	0.0439771	2.40382E-06	0.081957	0.010908945	2.177245	0.039333708	0.080734
W	SO2_IDLEX	0	0	0	0	8.0865E-05	0.000125469	0.000631891	0.008979843	0.000939	0	0	0.003161279	0
W	SO2_RUNEX	0.001993	0.002412	0.002512	0.00303	0.006918758	0.006651848	0.009601726	0.011489504	0.011793	0.010417346	0.002099	0.009421188	0.013439
W	SO2_STREX	0.000432	0.000527	0.000555	0.000654	0.000103151	6.57349E-05	8.61342E-05	5.08465E-07	0.000138	1.60622E-05	0.000619	5.192E-05	0.00016
W	TOG_DIURN	0.013128	0.025109	0.0258	0.029737	0.000765027	0.000357239	0.000153542	6.82606E-07	0.000596	0.0001208	0.393602	0.000448854	0.20387
W	TOG_HTSK	0.066721	0.105183	0.096285	0.105599	0.063064497	0.027650465	0.014821346	6.3874E-05	0.016046	0.000711149	0.743827	0.007699194	0.035282
W	TOG_IDLEX	0	0	0	0	0.024808967	0.018158081	0.026045443	0.446782975	0.060842	0	0	0.444716625	0
W	TOG_RESTL	0.012165	0.022284	0.025636	0.029449	0.000433183	0.000211728	9.07007E-05	4.07808E-07	0.000284	6.98401E-05	0.187434	0.000221232	0.086571
W	TOG_RUNEX	0.005007	0.010529	0.010083	0.010687	0.088729434	0.114098796	0.014710684	0.07275577	0.022458	1.898188047	2.764696	0.076319838	0.051794
W	TOG_RUNLS	0.207156	0.478343	0.425035	0.429721	0.481937938	0.173361152	0.084394953	0.000328601	0.198645	0.004241982	1.882208	0.062824709	0.693991
W	TOG_STREX	0.156727	0.207515	0.240976	0.265471	0.054749301	0.02836874	0.048149389	2.63188E-06	0.089733	0.011943922	2.370898	0.043065459	0.088394

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2030
	Fleet Mix	0.577192	0.056815	0.182253	0.115088	0.020149416	0.005397804	0.008218654	0.006131558	0.000852	0.000335056	0.024205	0.000836881	0.002526	
A	CH4_IDLEX	0	0	0	0	0.004147604	0.002504572	0.003832158	0.024231453	0.007098	0	0	0.070081997	0	
A	CH4_RUNEX	0.000959	0.001671	0.001726	0.001772	0.005195263	0.005339319	0.001033835	0.04518098	0.002197	1.859483946	0.319087	0.004403934	0.005027	
A	CH4_STREX	0.028931	0.035248	0.041821	0.043924	0.009022654	0.004811159	0.0083828	4.34672E-07	0.015222	0.002461906	0.24786	0.006337665	0.019545	
A	CO_IDLEX	0	0	0	0	0.177309941	0.131894238	0.405402046	6.28489984	0.644155	0	0	2.927327762	0	
A	CO_RUNEX	0.404841	0.532172	0.550554	0.543045	0.468742256	0.489111377	0.152189407	0.405949458	0.262856	14.11073247	17.60732	0.374881086	0.311691	
A	CO_STREX	1.690588	1.821376	2.252828	2.289117	0.890393337	0.484255728	0.872514983	0.006685308	1.577018	0.156719089	9.199577	0.858724581	1.635194	
A	CO2_NBIO_IDLEX	0	0	0	0	8.251826489	13.00040721	65.09768514	930.0496847	97.36242	0	0	337.4753611	0	
A	CO2_NBIO_RUNEX	199.8584	241.4555	249.7974	301.1272	698.5464884	679.8129964	993.4479126	1226.348086	1210.85	1668.671404	209.7572	970.50488	1350.267	

A	CO2_NBIO_STREX	42.16672	51.55301	53.79124	63.46105	10.0936365	6.438032864	8.550649324	0.051649278	13.46187	1.579047321	59.22586	5.059626682	15.54123
A	NOX_IDLEX	0	0	0	0	0.045907516	0.074209351	0.341766123	5.199426871	0.431935	0	0	2.710432871	0
A	NOX_RUNEX	0.019229	0.033312	0.034328	0.035498	0.299901872	0.384328995	1.428316488	2.517362076	1.448391	0.706432902	1.137409	3.086533431	1.063099
A	NOX_STREX	0.124746	0.150346	0.167422	0.178331	0.225226915	0.124882769	1.689215786	2.314548745	1.129093	0.017071754	0.270173	1.184451214	0.23668
A	PM10_IDLEX	0	0	0	0	0.000914816	0.001501804	0.000161972	0.002145897	0.000142	0	0	0.002048287	0
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061109857	0.13034	0.069382874	0.01176	0.74480021	0.13034
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009901231	0.010843702	0.012000003	0.035621239	0.012	0.033326143	0.004	0.010676093	0.013189
A	PM10_RUNEX	0.000916	0.001055	0.00101	0.00102	0.007019145	0.013839371	0.007005933	0.023790073	0.007882	0.005116006	0.002138	0.021245308	0.016043
A	PM10_STREX	0.001275	0.001461	0.00134	0.001344	0.000210198	0.000106104	0.000111822	5.80093E-07	0.000156	1.70933E-05	0.002862	6.75955E-05	0.000212
A	PM25_IDLEX	0	0	0	0	0.000875241	0.001436836	0.000154965	0.002053066	0.000136	0	0	0.001959679	0
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026189939	0.05586	0.029735517	0.00504	0.31920009	0.05586
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002475308	0.002710925	0.003000001	0.00890531	0.003	0.008331536	0.001	0.002669023	0.003297
A	PM25_RUNEX	0.000843	0.00097	0.00093	0.00094	0.006671223	0.013217538	0.006695684	0.022760894	0.007526	0.004893105	0.001994	0.020309939	0.015312
A	PM25_STREX	0.001172	0.001344	0.001232	0.001236	0.000193269	9.75586E-05	0.000102817	5.33374E-07	0.000144	1.57166E-05	0.002676	6.21516E-05	0.000195
A	ROG_DIURN	0.024776	0.046152	0.048748	0.057058	0.001402782	0.000642051	0.000289327	1.32994E-06	0.001062	0.000276851	0.893404	0.000869566	0.347564
A	ROG_HTSK	0.061345	0.093089	0.088644	0.097602	0.054855228	0.024352001	0.013852224	5.78076E-05	0.015622	0.000917377	0.631299	0.008304265	0.028392
A	ROG_IDLEX	0	0	0	0	0.017339847	0.013466415	0.018469587	0.422100311	0.050126	0	0	0.322319013	0
A	ROG_RESTL	0.022818	0.040997	0.048286	0.056451	0.000772455	0.000373828	0.000168329	7.97633E-07	0.000487	0.000161257	0.47344	0.000413927	0.1401
A	ROG_RUNEX	0.003235	0.006476	0.006529	0.006862	0.072660507	0.098200098	0.011843603	0.024014489	0.016744	0.026968968	2.128511	0.060158814	0.038911
A	ROG_RUNLS	0.169646	0.362556	0.335073	0.338562	0.429695752	0.143743677	0.07150652	0.000284481	0.181965	0.005550679	1.487321	0.053902479	0.535482
A	ROG_STREX	0.118277	0.153558	0.182033	0.198517	0.043726144	0.022755973	0.041407061	2.2699E-06	0.076636	0.010431549	1.877593	0.036023923	0.074231
A	SO2_IDLEX	0	0	0	0	7.99163E-05	0.000124135	0.000617778	0.00865265	0.000924	0	0	0.003219021	0
A	SO2_RUNEX	0.001977	0.002389	0.002471	0.002976	0.00681203	0.0065573	0.009479636	0.011212041	0.011649	0.010417336	0.002076	0.009288141	0.013242
A	SO2_STREX	0.000417	0.00051	0.000532	0.000628	9.98847E-05	6.37096E-05	8.46156E-05	5.11111E-07	0.000133	1.5626E-05	0.000586	5.00691E-05	0.000154
A	TOG_DIURN	0.024776	0.046152	0.048748	0.057058	0.001402782	0.000642051	0.000289327	1.32994E-06	0.001062	0.000276851	0.893404	0.000869566	0.347564
A	TOG_HTSK	0.061345	0.093089	0.088644	0.097602	0.054855228	0.024352001	0.013852224	5.78076E-05	0.015622	0.000917377	0.631299	0.008304265	0.028392
A	TOG_IDLEX	0	0	0	0	0.024130096	0.017771911	0.025281901	0.485180108	0.063906	0	0	0.463821337	0
A	TOG_RESTL	0.022818	0.040997	0.048286	0.056451	0.000772455	0.000373828	0.000168329	7.97633E-07	0.000487	0.000161257	0.47344	0.000413927	0.1401
A	TOG_RUNEX	0.004699	0.009448	0.009489	0.009946	0.085789813	0.112949203	0.014288116	0.071682245	0.021563	1.898202346	2.666273	0.071678361	0.048331
A	TOG_RUNLS	0.169646	0.362556	0.335073	0.338562	0.429695752	0.143743677	0.07150652	0.000284481	0.181965	0.005550679	1.487321	0.053902479	0.535482
A	TOG_STREX	0.129498	0.168127	0.199304	0.217351	0.047874624	0.024914926	0.04533552	2.48526E-06	0.083906	0.011421233	2.04481	0.039441661	0.081274
S	CH4_IDLEX	0	0	0	0	0.00415937	0.002511183	0.003613157	0.025625713	0.007202	0	0	0.070191578	0
S	CH4_RUNEX	0.001087	0.001879	0.001946	0.001999	0.005267869	0.005370445	0.001057431	0.045182433	0.002261	1.859488328	0.312598	0.004473582	0.00514
S	CH4_STREX	0.024465	0.02971	0.035303	0.037075	0.008534049	0.004551859	0.00791386	4.05867E-07	0.014297	0.002186002	0.21051	0.005329697	0.018222
S	CO_IDLEX	0	0	0	0	0.177309941	0.131894238	0.340467061	6.199412229	0.637902	0	0	2.898790717	0
S	CO_RUNEX	0.478821	0.624558	0.647722	0.638162	0.474694968	0.491330958	0.153870209	0.4066221	0.268184	14.11095956	17.05145	0.381978907	0.319181
S	CO_STREX	1.337549	1.439836	1.776222	1.803729	0.829462988	0.451428669	0.802041902	0.006145335	1.437511	0.127457225	7.941945	0.630789864	1.490541
S	CO2_NBIO_IDLEX	0	0	0	0	8.251826489	13.00040721	64.81188615	918.821172	96.17008	0	0	342.7229596	0
S	CO2_NBIO_RUNEX	215.0085	257.1156	264.4785	315.5656	698.557202	679.8169949	993.4509409	1226.349185	1210.859	1668.67182	208.6595	970.5175719	1350.281
S	CO2_NBIO_STREX	41.54009	50.85999	52.93185	62.57823	9.988605947	6.381615326	8.430311251	0.050792906	13.22416	1.528632971	56.24006	4.678973616	15.29589
S	NOX_IDLEX	0	0	0	0	0.045907516	0.074209351	0.32957894	4.956509528	0.410346	0	0	2.7448154	0
S	NOX_RUNEX	0.017318	0.029828	0.03081	0.031883	0.287049737	0.36982468	1.372141139	2.424823191	1.389202	0.705790107	1.0034	2.96149837	1.014124
S	NOX_STREX	0.110976	0.133758	0.148948	0.158653	0.210509866	0.116722634	1.683512655	2.314544898	1.117259	0.015919419	0.248832	1.179180332	0.220748
S	PM10_IDLEX	0	0	0	0	0.000914816	0.001501804	0.00013979	0.001891622	0.000127	0	0	0.001736438	0
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061109857	0.13034	0.069382874	0.01176	0.74480021	0.13034
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009901231	0.010843702	0.012000003	0.035621239	0.012	0.033326143	0.004	0.010676093	0.013189
S	PM10_RUNEX	0.000916	0.001055	0.00101	0.00102	0.007019145	0.013839371	0.007005933	0.023790073	0.007882	0.005116006	0.002138	0.021245308	0.016043
S	PM10_STREX	0.001275	0.001461	0.00134	0.001344	0.000210198	0.000106104	0.000111822	5.80093E-07	0.000156	1.70933E-05	0.002862	6.75955E-05	0.000212
S	PM25_IDLEX	0	0	0	0	0.000875241	0.001436836	0.000133743	0.001809791	0.000121	0	0	0.001661321	0
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026189939	0.05586	0.029735517	0.00504	0.31920009	0.05586
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002475308	0.002710925	0.003000001	0.00890531	0.003	0.008331536	0.001	0.002669023	0.003297
S	PM25_RUNEX	0.000843	0.00097	0.00093	0.00094	0.006671223	0.013217538	0.006695684	0.022760894	0.007526	0.004893105	0.001994	0.020309939	0.015312
S	PM25_STREX	0.001172	0.001344	0.001232	0.001236	0.000193269	9.75586E-05	0.000102817	5.33374E-07	0.000144	1.57166E-05	0.002676	6.21516E-05	0.000195
S	ROG_DIURN	0.056087	0.104564	0.10813	0.127185	0.003111342	0.001415542	0.000645718	3.07598E-06	0.002305	0.000625121	2.288785	0.00187136	0.768432
S	ROG_HTSK	0.066414	0.10282	0.09662	0.107384	0.060266764	0.026741203	0.015250737	6.3416E-05	0.016449	0.001032723	0.865113	0.008479062	0.030722
S	ROG_IDLEX	0	0	0	0	0.017339847	0.013466415	0.017814292	0.446923549	0.051856	0	0	0.322607776	0
S	ROG_RESTL	0.045716	0.081713	0.094555	0.11171	0.00155097	0.00074697	0.000343753	1.71876E-06	0.000972	0.000345869	1.266194	0.000817067	0.28508
S	ROG_RUNEX	0.003598	0.007178	0.007242	0.0076	0.072956902	0.098311491	0.011928025	0.024021941	0.017006	0.026981975	2.069459	0.060493039	0.039334
S	ROG_RUNLS	0.157857	0.334728	0.310072	0.313748	0.416190421	0.139073695	0.068718626	0.000276214	0.176787	0.005023763	1.378185	0.046479996	0.521264
S	ROG_STREX	0.098306	0.127265	0.151071	0.164719	0.041208298	0.021449831	0.038835127	2.12891E-06	0.071696	0.009230301	1.579373	0.030256399	0.069447
S	SO2_IDLEX	0	0	0	0	7.99163E-05	0.000124135	0.000615212	0.008547873	0.000913	0	0	0.003268597	0
S	SO2_RUNEX	0.002127	0.002544	0.002616	0.003119	0.006812136	0.006557339	0.009479666	0.011212052	0.011649	0.010417341	0.002065	0.009288267	0.013242
S	SO2_STREX	0.000411	0.000503	0.000524	0.000619	9.88454E-05	6.31513E-05	8.34248E-05	5.02637E-07	0.000131	1.51271E-05	0.000557	4.63022E-05	0.000151
S	TOG_DIURN	0.056087	0.104564	0.10813	0.127185	0.003111342	0.001415542	0.000645718	3.07598E-06	0.002305	0.000625121	2.288785	0.00187136	0.768432
S	TOG_HTSK	0.066414	0.10282	0.09662	0.107384	0.060266764	0.026741203	0.015250737	6.3416E-05	0.016449	0.001032723	0.865113	0.008479062	0.030722
S	TOG_IDLEX	0	0	0	0	0.024130096	0.017771911	0.024233139	0.513681837	0.065876	0	0	0.464150072	0
S	TOG_RESTL	0.045716	0.081713	0.094555	0.11171	0.00155097	0.00074697	0.000343753	1.71876E-06	0.000972	0.000345869	1.266194	0.000817067	0.28508
S	TOG_RUNEX	0.005229	0.010472	0.010529	0.011025	0.086222312	0.113111749	0.014411305	0.071693118	0.021946	1.898221325	2.593351	0.072166062	0.048948
S	TOG_RUNLS	0.157857	0.334728	0.310072	0.313748	0.416190421	0.139073695	0.068718626	0.000276214	0.176787	0.005023763	1.378185	0.046479996	0.521264
S	TOG_STREX	0.107633	0.139339	0.165403	0.180347	0.0451179	0.023484865	0.042519576	2.33089E-06	0.078498	0.010106018	1.720093	0.033126948	0.076035
W	CH4_IDLEX	0	0	0	0	0.00413747	0.002498874	0.004046511	0.022306046	0.006968	0	0	0.06997611	0
W	CH4_RUNEX	0.00092	0.001607	0.001657	0.001701	0.005136444	0.00531411	0.001015437	0.04517987	0.002147	1.859480606	0.327494	0.004348005	0.004939
W	CH4_STREX	0.032191	0.039299	0.046596	0.048944	0.009442505	0.005034086	0.008763448	4.58556E-07	0.015964	0.002692755	0.283367	0.007243061	0.020617
W	CO_IDLEX	0	0	0	0	0.177309941	0.131894238	0.471716429	6.402954161	0.652791	0	0	2.966736063	0
W	CO_RUNEX	0.396437	0.521931	0.539675	0.532398	0.464076443	0.487372779	0.150916788	0.405444807	0.258823	14.11056418	18.86398	0.36930952	0.306019
W	CO_STREX	1.976027	2.129893	2.638807	2.682164	0.950287833	0.516620086	0.93624985	0.007173652	1.701432	0.183478523	10.5781	1.088248929	1.764197
W	CO2_NBIO_IDLEX	0	0	0	0	8.251826489	13.00040721	65.60669601	945.5557261	99.00898	0	0	330.2286773	0
W	CO2_NBIO_RUNEX	197.3686	238.8835	247.3868	298.7564	698.5380604	679.8098523	993.4456133	1226.347262	1210.842	1668.671095	212.0182	970.4948986	1350.257
W	CO2_NBIO_STREX	42.66973	52.10882	54.48169	64.16996	10.19586956	6.493120604	8.658803014	0.052423731	13.67245	1.624865407	62.37463	5.440875772	15.75866
W	NOX_IDLEX	0	0	0	0	0.045907516	0.074209351	0.358614839	5.534884153	0.461749	0	0	2.662952235	0
W	NOX_RUNEX	0.020994	0.036425	0.037505	0.038763	0.306206844	0.390767643	1.451594653	2.556823227	1.474015	0.706809095	1.218254	3.142707205	1.085695
W	NOX_STREX	0.135277	0.163021	0.181537	0.193367	0.238387041	0.132183658	1.694128405	2.314552058	1.139438	0.018009704	0.287386	1.188913667	0.250607
W	PM10_IDLEX	0	0	0	0	0.000914816	0.001501804	0.000192605	0.002497038	0.000164	0	0	0.002478936	0
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061109857	0.13034	0.069382874	0.01176	0.74480021	0.13034
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009901231	0.010843702	0.012000003	0.035621239	0.012	0.033326143	0.004	0.010676093	0.013189
W	PM10_RUNEX	0.000916	0.001055	0.00101	0.00102	0.007019145	0.013839371	0.007005933	0.023790073	0.007882	0.005116006	0.002138	0.021245308	0.016043
W	PM10_STREX	0.001275	0.001461	0.00134	0.001344	0.000210198	0.000106104	0.000111822	5.80093E-07	0.000156	1.70933E-05	0.002862	6.75955E-05	0.000212
W	PM25_IDLEX	0	0	0	0	0.000875241	0.001436836	0.000184273	0.002389017	0.000157	0	0	0.002371698	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026189939	0.05586	0.029735517	0.00504	0.31920009	0.05586
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002475308	0.002710925	0.003000001	0.00890531	0.003	0.008331536	0.001	0.002669023	0.003297
W	PM25_RUNEX	0.000843	0.00097	0.00093	0.00094	0.006671223	0.013217538	0.006695684	0.022760894	0.007526	0.004893105	0.001994	0.020309939	0.015312
W	PM25_STREX	0.001172	0.001344	0.001232	0.001236	0.000193269	9.75586E-05	0.000102817	5.33374E-07	0.000144	1.57166E-05	0.002676	6.21516E-05	0.000195
W	ROG_DIURN	0.012413	0.023189	0.024868	0.028957	0.000724634	0.00033827	0.000150666	6.75565E-07	0.000593	0.000155823	0.393762	0.000491447	0.186284
W	ROG_HTSK	0.063287	0.097277	0.091676	0.101408	0.060696927	0.025711166	0.014361115	6.11605E-05	0.01595	0.000956969	0.732598	0.008377401	0.030961
W	ROG_IDLEX	0	0	0	0	0.017339847	0.013466415	0.019014964	0.387820601	0.047737	0	0	0.321920245	0
W	ROG_RESTL	0.01156	0.020881	0.02478	0.028727	0.000415717	0.000203502	9.04936E-05	4.12127E-07	0.000284	9.28526E-05	0.187544	0.00024291	0.080627
W	ROG_RUNEX	0.003143	0.006297	0.006348	0.006673	0.072421118	0.098110054	0.011778191	0.024008823	0.016541	0.026959169	2.201644	0.059892137	0.038583
W	ROG_RUNLS	0.203297	0.444839	0.408343	0.411434	0.476412149	0.160705728	0.080944739	0.000317714	0.19887	0.006975852	1.813217	0.068329222	0.579338
W	ROG_STREX	0.133342	0.173454	0.205464	0.224108	0.045899709	0.023884437	0.043530975	2.38633E-06	0.080619	0.011445187	2.167224	0.041218336	0.07809
W	SO2_IDLEX	0	0	0	0	7.99163E-05	0.000124135	0.000622452	0.008797342	0.00094	0	0	0.003150557	0
W	SO2_RUNEX	0.001952	0.002364	0.002447	0.002952	0.006811947	0.006557269	0.009479613	0.011212033	0.011649	0.010417333	0.002098	0.009288042	0.013242
W	SO2_STREX	0.000422	0.000516	0.000539	0.000635	0.000100896	6.42547E-05	8.56859E-05	5.18775E-07	0.000135	1.60794E-05	0.000617	5.38419E-05	0.000156
W	TOG_DIURN	0.012413	0.023189	0.024868	0.028957	0.000724634	0.00033827	0.000150666	6.75565E-07	0.000593	0.000155823	0.393762	0.000491447	0.186284
W	TOG_HTSK	0.063287	0.097277	0.091676	0.101408	0.060696927	0.025711166	0.014361115	6.11605E-05	0.01595	0.000956969	0.732598	0.008377401	0.030961
W	TOG_IDLEX	0	0	0	0	0.024130096	0.017771911	0.026205527	0.445820577	0.061187	0	0	0.46336737	0
W	TOG_RESTL	0.01156	0.020881	0.02478	0.028727	0.000415717	0.000203502	9.04936E-05	4.12127E-07	0.000284	9.28526E-05	0.187544	0.00024291	0.080627
W	TOG_RUNEX	0.004565	0.009187	0.009224	0.009671	0.085440497	0.112817811	0.014192667	0.071673976	0.021267	1.898188047	2.756861	0.071289227	0.047853
W	TOG_RUNLS	0.203297	0.444839	0.408343	0.411434	0.476412149	0.160705728	0.080944739	0.000317714	0.19887	0.006975852	1.813217	0.068329222	0.579338
W	TOG_STREX	0.145993	0.18991	0.224957	0.24537	0.050254403	0.026150452	0.047660938	2.61274E-06	0.088268	0.01253104	2.360156	0.045128889	0.085498

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2031
	Fleet Mix	0.577549	0.056946	0.181683	0.115241	0.020187149	0.005441908	0.00819692	0.0060639	0.000844	0.000328902	0.024185	0.000823883	0.002509	
A	CH4_IDLEX	0	0	0	0	0.004041404	0.002441386	0.003882502	0.024191534	0.007103	0	0	0.073110811	0	
A	CH4_RUNEX	0.000894	0.001485	0.001599	0.001628	0.004880376	0.005237135	0.000991026	0.044428492	0.002091	1.859483651	0.318463	0.004121959	0.004768	
A	CH4_STREX	0.027313	0.032844	0.039459	0.041179	0.008448507	0.004496692	0.008416264	4.26261E-07	0.015093	0.002569418	0.247127	0.006599598	0.019273	
A	CO_IDLEX	0	0	0	0	0.176566169	0.13132104	0.408178147	6.291277816	0.645801	0	0	3.053262249	0	
A	CO_RUNEX	0.395086	0.501384	0.532097	0.522843	0.436244967	0.483038801	0.146886312	0.405616291	0.249342	14.11106231	17.51165	0.355470507	0.286105	
A	CO_STREX	1.646274	1.774009	2.199946	2.224058	0.868326724	0.474326836	0.862283975	0.006944338	1.564257	0.156719089	9.217666	0.890642557	1.601401	
A	CO2_NBIO_IDLEX	0	0	0	0	8.16130798	12.87133372	64.07497417	914.0853176	96.78282	0	0	334.9366435	0	
A	CO2_NBIO_RUNEX	196.1624	236.9997	243.8803	294.1054	688.9017719	671.1099483	981.4102483	1200.041895	1197.975	1668.583562	209.7242	955.7127282	1332.827	
A	CO2_NBIO_STREX	41.29554	50.50498	52.39109	61.7991	9.895213771	6.306246939	8.544154329	0.052916408	13.32412	1.577359104	59.02867	5.244965744	15.24437	
A	NOX_IDLEX	0	0	0	0	0.044400317	0.071593069	0.33386487	5.186815683	0.43309	0	0	2.549280621	0	
A	NOX_RUNEX	0.018553	0.029805	0.031881	0.032631	0.263696738	0.345863056	1.42294597	2.507211008	1.456567	0.706850025	1.136568	2.785825746	1.035512	
A	NOX_STREX	0.121388	0.144174	0.159206	0.168527	0.216146994	0.119542486	1.684498488	2.310618694	1.127977	0.01780341	0.270015	1.252136579	0.235146	
A	PM10_IDLEX	0	0	0	0	0.000923396	0.001502362	0.000141878	0.002091585	0.000143	0	0	0.001803538	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061128375	0.13034	0.069382874	0.01176	0.74480021	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009913922	0.010850968	0.012000003	0.03563178	0.012	0.033326143	0.004	0.010640138	0.013195	
A	PM10_RUNEX	0.000857	0.000979	0.000953	0.000959	0.00671612	0.013693345	0.006978802	0.023678209	0.007976	0.00511606	0.00215	0.01953121	0.015149	
A	PM10_STREX	0.001203	0.00137	0.00127	0.001271	0.000205164	0.00010442	0.000113034	5.81676E-07	0.000159	1.71159E-05	0.002835	7.1364E-05	0.000209	
A	PM25_IDLEX	0	0	0	0	0.00088345	0.00143737	0.00013574	0.002001104	0.000137	0	0	0.001725517	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026197875	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.00247848	0.002712742	0.003000001	0.008907945	0.003	0.008331536	0.001	0.002660034	0.003299	
A	PM25_RUNEX	0.000789	0.000901	0.000878	0.000884	0.006381717	0.01307794	0.006669627	0.022653868	0.007616	0.004893154	0.002005	0.018669378	0.014457	
A	PM25_STREX	0.001106	0.00126	0.001168	0.001169	0.00018864	9.601E-05	0.000103931	5.3483E-07	0.000146	1.57374E-05	0.00265	6.56165E-05	0.000192	
A	ROG_DIURN	0.023411	0.042289	0.046805	0.055554	0.00133445	0.000609527	0.000285725	1.29908E-06	0.00107	0.00034013	0.892923	0.000945685	0.319049	
A	ROG_HTSK	0.058128	0.085856	0.084083	0.093591	0.051664234	0.022702429	0.013580043	5.60595E-05	0.015677	0.001179596	0.628897	0.008989434	0.02555	
A	ROG_IDLEX	0	0	0	0	0.016927002	0.013230958	0.018599584	0.422230423	0.05025	0	0	0.335683156	0	
A	ROG_RESTL	0.021658	0.038187	0.046463	0.055011	0.000744433	0.000360169	0.000168764	7.90603E-07	0.000492	0.000201985	0.472934	0.000451513	0.131493	
A	ROG_RUNEX	0.002968	0.005634	0.005985	0.006232	0.070759372	0.09736236	0.011537428	0.023840882	0.016261	0.026968968	2.12282	0.055326214	0.037475	
A	ROG_RUNLS	0.166231	0.335143	0.320274	0.323053	0.391100033	0.131614348	0.069467176	0.000273884	0.183389	0.007721073	1.445211	0.058447604	0.454717	
A	ROG_STREX	0.110555	0.140766	0.17018	0.184006	0.04040947	0.021040364	0.041311553	2.2261E-06	0.075895	0.010913905	1.871133	0.037493821	0.072563	
A	SO2_IDLEX	0	0	0	0	7.9024E-05	0.000122888	0.000608122	0.008504798	0.000919	0	0	0.003196169	0	
A	SO2_RUNEX	0.00194	0.002345	0.002412	0.002906	0.006717095	0.00647272	0.009365876	0.010973325	0.011524	0.010416467	0.002075	0.009150662	0.01307	
A	SO2_STREX	0.000409	0.0005	0.000518	0.000612	9.79212E-05	6.24054E-05	8.45513E-05	5.23651E-07	0.000132	1.56092E-05	0.000584	5.19032E-05	0.000151	
A	TOG_DIURN	0.023411	0.042289	0.046805	0.055554	0.00133445	0.000609527	0.000285725	1.29908E-06	0.00107	0.00034013	0.892923	0.000945685	0.319049	
A	TOG_HTSK	0.058128	0.085856	0.084083	0.093591	0.051664234	0.022702429	0.013580043	5.60595E-05	0.015677	0.001179596	0.628897	0.008989434	0.02555	
A	TOG_IDLEX	0	0	0	0	0.023515164	0.017419109	0.025491239	0.485281842	0.064051	0	0	0.48334223	0	
A	TOG_RESTL	0.021658	0.038187	0.046463	0.055011	0.000744433	0.000360169	0.000168764	7.90603E-07	0.000492	0.000201985	0.472934	0.000451513	0.131493	
A	TOG_RUNEX	0.004311	0.00822	0.008694	0.009029	0.083095381	0.111871283	0.013872225	0.070734088	0.020839	1.898202346	2.660903	0.066047494	0.046351	
A	TOG_RUNLS	0.166231	0.335143	0.320274	0.323053	0.391100033	0.131614348	0.069467176	0.000273884	0.183389	0.007721073	1.445211	0.058447604	0.454717	
A	TOG_STREX	0.121044	0.154121	0.186326	0.201464	0.044243283	0.02303655	0.04523095	2.4373E-06	0.083096	0.011949352	2.037904	0.041051014	0.079448	
S	CH4_IDLEX	0	0	0	0	0.004052852	0.002447792	0.003660533	0.025589314	0.007208	0	0	0.073230036	0	
S	CH4_RUNEX	0.001013	0.001672	0.001804	0.001838	0.004943858	0.005265704	0.001013303	0.044429979	0.002152	1.85948805	0.312116	0.004189262	0.004874	
S	CH4_STREX	0.023104	0.027707	0.033319	0.034769	0.007991999	0.004254706	0.007946571	3.98011E-07	0.014177	0.002281977	0.210053	0.005550128	0.017968	
S	CO_IDLEX	0	0	0	0	0.176566169	0.13132104	0.342498403	6.206178288	0.639527	0	0	3.026386504	0	
S	CO_RUNEX	0.467348	0.589069	0.626186	0.614591	0.441182016	0.485054176	0.148395202	0.40630964	0.2542	14.11129984	16.96429	0.362230198	0.292813	
S	CO_STREX	1.303013	1.403082	1.735007	1.753045	0.809165177	0.442298216	0.792637253	0.006383443	1.425879	0.127457225	7.948925	0.654235724	1.459737	
S	CO2_NBIO_IDLEX	0	0	0	0	8.16130798	12.87133372	63.76235313	902.961781	95.59712	0	0	339.3921851	0	
S	CO2_NBIO_RUNEX	211.0364	252.367	258.2051	308.1672	688.9106544	671.1135715	981.4129736	1200.043027	1197.984	1668.583994	208.644	955.7248257	1332.839	
S	CO2_NBIO_STREX	40.68886	49.83641	51.55706	60.94746	9.793641882	6.251434191	8.425146012	0.052026883	13.08837	1.526758313	56.03332	4.850093808	15.00413	
S	NOX_IDLEX	0	0	0	0	0.044400317	0.071593069	0.321342317	4.942890802	0.411444	0	0	2.574350441	0	
S	NOX_RUNEX	0.01671	0.026714	0.028621	0.029315	0.252614915	0.332992606	1.367072041	2.415061464	1.397354	0.706162247	1.002742	2.672457682	0.988212	
S	NOX_STREX	0.107988	0.128265	0.141639	0.149931	0.202023336	0.111731373	1.678736993	2.31061468	1.116199	0.016601689	0.248737	1.246645316	0.219317	
S	PM10_IDLEX	0	0	0	0	0.000923396	0.001502362	0.000122849	0.001845906	0.000127	0	0	0.001530505	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061128375	0.13034	0.069382874	0.01176	0.74480021	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009913922	0.010850968	0.012000003	0.03563178	0.012	0.033326143	0.004	0.010640138	0.013195	
S	PM10_RUNEX	0.000857	0.000979	0.000953	0.000959	0.00671612	0.013693345	0.006978802	0.023678209	0.007976	0.00511606	0.00215	0.01953121	0.015149	
S	PM10_STREX	0.001203	0.00137	0.00127	0.001271	0.000205164	0.00010442	0.000113034	5.81676E-07	0.000159	1.71159E-05	0.002835	7.1364E-05	0.000209	
S	PM25_IDLEX	0	0	0	0	0.00088345	0.00143737	0.000117534	0.001766053	0.000121	0	0	0.001464296	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026197875	0.05586	0.029735517	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.00247848	0.002712742	0.003000001	0.008907945	0.003	0.008331536	0.001	0.002660034	0.003299	
S	PM25_RUNEX	0.000789	0.000901	0.000878	0.000884	0.006381717	0.01307794	0.006669627	0.022653868	0.007616	0.004893154	0.002005	0.018669378	0.014457	
S	PM25_STREX	0.001106	0.00126	0.001168	0.001169	0.00018864	9.601E-05	0.000103931	5.3483E-07	0.000146	1.57374E-05	0.00265	6.56165E-05	0.000192	
S	ROG_DIURN	0.052989	0.095578	0.103815	0.12389	0.002954468	0.00133992	0.000634984	2.94806E-06	0.00232	0.000757482	2.288087	0.002031084	0.703247	
S	ROG_HTSK	0.06289	0.094605	0.0917	0.103147	0.056777056	0.024849958	0.014900422	6.13715E-05	0.016493	0.001313826	0.863736	0.009171569	0.027604	
S	ROG_IDLEX	0	0	0	0	0.016927002	0.013230958	0.017935724	0.447115035	0.051987	0	0	0.336063094	0	
S	ROG_RESTL	0.043392	0.075917	0.09098	0.108905	0.001490607	0.000716939	0.000342466	1.65819E-06	0.00098	0.000420149	1.264409	0.00088767	0.266497	
S	ROG_RUNEX	0.003302	0.006249	0.006638	0.006903	0.071004467	0.097461765	0.011614786	0.02384849	0.016505	0.026981975	2.065011	0.0556469	0.037862	
S	ROG_RUNLS	0.154512	0.309359	0.296308	0.29926	0.378709039	0.127302275	0.066727899	0.000264708	0.178163	0.006964302	1.337423	0.05045092	0.442389	
S	ROG_STREX	0.091911	0.116744	0.141261	0.15271	0.038086759	0.01983528	0.038745552	2.08783E-06	0.071004	0.009657111	1.575372	0.031490962	0.067886	
S	SO2_IDLEX	0	0	0	0	7.9024E-05	0.000122888	0.000605303	0.00840102	0.000908	0	0	0.003238263	0	
S	SO2_RUNEX	0.002088	0.002497	0.002554	0.003045	0.006717183	0.006472756	0.009365903	0.010973336	0.011525	0.010416471	0.002065	0.009150782	0.01307	
S	SO2_STREX	0.000403	0.000493	0.00051	0.000603	9.6916E-05	6.1863E-05	8.33736E-05	5.14848E-07	0.00013	1.51085E-05	0.000554	4.79956E-05	0.000148	
S	TOG_DIURN	0.052989	0.095578	0.103815	0.12389	0.002954468	0.00133992	0.000634984	2.94806E-06	0.00232	0.000757482	2.288087	0.002031084	0.703247	
S	TOG_HTSK	0.06289	0.094605	0.0917	0.103147	0.056777056	0.024849958	0.014900422	6.13715E-05	0.016493	0.001313826	0.863736	0.009171569	0.027604	
S	TOG_IDLEX	0	0	0	0	0.023515164	0.017419109	0.024428363	0.513854126	0.066029	0	0	0.48377476	0	
S	TOG_RESTL	0.043392	0.075917	0.09098	0.108905	0.001490607	0.000716939	0.000342466	1.65819E-06	0.00098	0.000420149	1.264409	0.00088767	0.266497	
S	TOG_RUNEX	0.004798	0.009118	0.009647	0.010009	0.083453023	0.112016334	0.013985106	0.07074519	0.021196	1.898221325	2.589354	0.066515437	0.046915	
S	TOG_RUNLS	0.154512	0.309359	0.296308	0.29926	0.378709039	0.127302275	0.066727899	0.000264708	0.178163	0.006964302	1.337423	0.05045092	0.442389	
S	TOG_STREX	0.10063	0.12782	0.154663	0.167198	0.041700208	0.021717134	0.042421502	2.28591E-06	0.07774	0.010573321	1.715842	0.03447864	0.074327	
W	CH4_IDLEX	0	0	0	0	0.004031542	0.002435862	0.004099767	0.022261266	0.006972	0	0	0.072994249	0	
W	CH4_RUNEX	0.000857	0.001427	0.001535	0.001563	0.004828941	0.005213996	0.000973659	0.044427357	0.002044	1.8594803	0.326732	0.004067922	0.004686	
W	CH4_STREX	0.030384	0.0366	0.043956	0.045875	0.008840926	0.004704844	0.008797434	4.49684E-07	0.015828	0.002809853	0.282327	0.007542243	0.020329	
W	CO_IDLEX	0	0	0	0	0.176566169	0.13132104	0.475187645	6.408796211	0.654464	0	0	3.090376374	0	
W	CO_RUNEX	0.386875	0.491614	0.521551	0.512563	0.432377019	0.48146028	0.145743745	0.405096104	0.245665	14.11088629	18.75336	0.350164363	0.281026	
W	CO_STREX	1.923752	2.073889	2.576431	2.605426	0.926561859	0.505942827	0.925271495	0.007451603	1.687664	0.183478523	10.60282	1.128698107	1.727738	
W	CO2_NBIO_IDLEX	0	0	0	0	8.16130798	12.87133372	64.62069272	929.4463919	98.42021	0	0	328.7837526	0	
W	CO2_NBIO_RUNEX	193.718	234.4754	241.5282	291.7964	688.8947868	671.1070997	981.4081788	1200.041046	1197.969	1668.58324	211.9574	955.7032141	1332.818	
W	CO2_NBIO_STREX	41.78254	51.04127	53.06128	62.48311	9.994254249	6.35985731	8.651106972	0.053720846	13.53298	1.623334513	62.17877	5.640448865	15.45729	
W	NOX_IDLEX	0	0	0	0	0.044400317	0.071593069	0.351176985	5.523664327	0.462983	0	0	2.514660393	0	
W	NOX_RUNEX	0.020257	0.032585	0.034828	0.035631	0.269162163	0.35158338	1.446066448	2.546495142	1.482115	0.707252544	1.217285	2.836935149	1.057238	
W	NOX_STREX	0.131636	0.156334	0.172631	0.182739	0.228779547	0.126533971	1.689461381	2.310622152	1.138272	0.01878156	0.28718	1.25678561	0.248982	
W	PM10_IDLEX	0	0	0	0	0.000923396	0.001502362	0.000168155	0.002430856	0.000165	0	0	0.002180583	0	
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061128375	0.13034	0.069382874	0.01176	0.74480021	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009913922	0.010850968	0.012000003	0.03563178	0.012	0.033326143	0.004	0.010640138	0.013195	
W	PM10_RUNEX	0.000857	0.000979	0.000953	0.000959	0.00671612	0.013693345	0.006978802	0.023678209	0.007976	0.00511606	0.00215	0.01953121	0.015149	
W	PM10_STREX	0.001203	0.00137	0.00127	0.001271	0.000205164	0.00010442	0.000113034	5.81676E-07	0.000159	1.71159E-05	0.002835	7.1364E-05	0.000209	
W	PM25_IDLEX	0	0	0	0	0.00088345	0.00143737	0.000160881	0.002325699	0.000158	0	0	0.002086252	0	
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026197875	0.05586	0.029735517	0.00504	0.31920009	0.05586	
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.00247848	0.002712742	0.003000001	0.008907945	0.003	0.008331536	0.001	0.002660034	0.003299	
W	PM25_RUNEX	0.000789	0.000901	0.000878	0.000884	0.006381717	0.01307794	0.006669627	0.022653868	0.007616	0.004893154	0.002005	0.018669378	0.014457	
W	PM25_STREX	0.001106	0.00126	0.001168	0.001169	0.00018864	9.601E-05	0.000103931	5.3483E-07	0.000146	1.57374E-05	0.00265	6.56165E-05	0.000192	
W	ROG_DIURN	0.011727	0.021297	0.023873	0.028176	0.000692632	0.000322359	0.000149542	6.7017E-07	0.000598	0.000194251	0.393943	0.000535716	0.172395	
W	ROG_HTSK	0.059882	0.089325	0.086919	0.097211	0.056693672	0.023861941	0.014048945	5.8653E-05	0.016	0.001226374	0.727279	0.009065601	0.027562	
W	ROG_IDLEX	0	0	0	0	0.016927002	0.013230958	0.019151604	0.387865959	0.047852	0	0	0.335158479	0	
W	ROG_RESTL	0.010973	0.019489	0.023845	0.02799	0.000402122	0.000196533	9.10956E-05	4.16618E-07	0.000287	0.000118421	0.187934	0.000265452	0.075953	
W	ROG_RUNEX	0.002884	0.005476	0.005818	0.00606	0.070561301	0.097281999	0.011477487	0.023835096	0.016072	0.026959169	2.194702	0.055070341	0.037176	
W	ROG_RUNLS	0.199653	0.411274	0.39047	0.392863	0.434211454	0.14719205	0.078613684	0.000307463	0.200412	0.009762892	1.767771	0.074004009	0.492799	

W	ROG_STREX	0.124611	0.158924	0.192056	0.207695	0.042415491	0.022082086	0.043430568	2.34028E-06	0.07984	0.011974414	2.157971	0.042900184	0.076335
W	SO2_IDLEX	0	0	0	0	7.9024E-05	0.000122888	0.000613144	0.00864811	0.000934	0	0	0.00313804	0
W	SO2_RUNEX	0.001916	0.00232	0.002389	0.002883	0.006717026	0.006472692	0.009365856	0.010973317	0.011524	0.010416464	0.002097	0.009150568	0.01307
W	SO2_STREX	0.000413	0.000505	0.000525	0.000618	9.89012E-05	6.29359E-05	8.56097E-05	5.31611E-07	0.000134	1.60642E-05	0.000615	5.58168E-05	0.000153
W	TOG_DIURN	0.011727	0.021297	0.023873	0.028176	0.000692632	0.000322359	0.000149542	6.7017E-07	0.000598	0.000194251	0.393943	0.000535716	0.172395
W	TOG_HTSK	0.059882	0.089325	0.086919	0.097211	0.056693672	0.023861941	0.014048945	5.8653E-05	0.016	0.001226374	0.727279	0.009065601	0.027562
W	TOG_IDLEX	0	0	0	0	0.023515164	0.017419109	0.026426793	0.44582488	0.061321	0	0	0.482744925	0
W	TOG_RESTL	0.010973	0.019489	0.023845	0.02799	0.000402122	0.000196533	9.10956E-05	4.16618E-07	0.000287	0.000118421	0.187934	0.000265452	0.075953
W	TOG_RUNEX	0.004188	0.00799	0.008451	0.00878	0.082806357	0.111754021	0.013784758	0.070725646	0.020564	1.898188047	2.750115	0.065674124	0.045913
W	TOG_RUNLS	0.199653	0.411274	0.39047	0.392863	0.434211454	0.14719205	0.078613684	0.000307463	0.200412	0.009762892	1.767771	0.074004009	0.492799
W	TOG_STREX	0.136434	0.174002	0.210278	0.2274	0.046439624	0.024177105	0.047551005	2.56231E-06	0.087415	0.013110476	2.350235	0.046970301	0.083577

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2032
	Fleet Mix	0.577788	0.057085	0.181177	0.115437	0.020248643	0.005480288	0.008150478	0.005980877	0.000834	0.000323108	0.024189	0.000810146	0.002497	
A	CH4_IDLEX	0	0	0	0	0.003942576	0.002385191	0.003940531	0.024205709	0.007114	0	0	0.076207837	0	
A	CH4_RUNEX	0.000837	0.001331	0.001487	0.001506	0.004651541	0.005138308	0.000958601	0.043709152	0.001992	1.859483533	0.317923	0.003781244	0.004557	
A	CH4_STREX	0.025868	0.030757	0.037321	0.03876	0.007968093	0.004219852	0.008493651	4.28483E-07	0.015022	0.002613589	0.246469	0.006913434	0.019055	
A	CO_IDLEX	0	0	0	0	0.175878285	0.130855346	0.411437393	6.307982348	0.646376	0	0	3.182110199	0	
A	CO_RUNEX	0.386704	0.475938	0.515948	0.505766	0.413797779	0.476667339	0.142877934	0.405575382	0.23656	14.11119852	17.42973	0.329103068	0.264373	
A	CO_STREX	1.605973	1.731217	2.1513	2.166345	0.851805757	0.465904035	0.85755068	0.007198335	1.554812	0.156719089	9.233342	0.920391665	1.571953	
A	CO2_NBIO_IDLEX	0	0	0	0	8.077101486	12.74816116	63.14639093	900.7850532	95.96544	0	0	332.1840339	0	
A	CO2_NBIO_RUNEX	192.9234	233.0339	238.6233	287.9035	680.2679564	663.3103809	970.6731968	1177.317115	1186.239	1668.51006	209.6963	940.7332475	1317.466	
A	CO2_NBIO_STREX	40.51689	49.55899	51.1252	60.31341	9.718688506	6.191097955	8.566772034	0.054378833	13.21517	1.575268623	58.85644	5.429075472	14.97892	
A	NOX_IDLEX	0	0	0	0	0.043006074	0.069043566	0.327262134	5.184289738	0.43307	0	0	2.380859756	0	
A	NOX_RUNEX	0.018007	0.027019	0.029785	0.03029	0.233037532	0.310414332	1.418469129	2.501179356	1.45836	0.707022277	1.135851	2.489330024	1.010112	
A	NOX_STREX	0.118624	0.139206	0.152174	0.160348	0.208126943	0.114819507	1.678542994	2.306891739	1.126192	0.01810555	0.269896	1.323283535	0.233789	
A	PM10_IDLEX	0	0	0	0	0.00093243	0.001502077	0.000129833	0.002062093	0.000143	0	0	0.001564506	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061144316	0.13034	0.069382874	0.01176	0.74480021	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009925355	0.010856921	0.012000003	0.035640867	0.012	0.033326143	0.004	0.010604454	0.0132	
A	PM10_RUNEX	0.000802	0.000912	0.000899	0.000902	0.00645454	0.013491292	0.006955569	0.023591802	0.008029	0.005116087	0.002161	0.017734061	0.014318	
A	PM10_STREX	0.001134	0.001288	0.001202	0.001202	0.00020152	0.000102981	0.000114347	6.04477E-07	0.000161	1.71272E-05	0.002817	7.51584E-05	0.000208	
A	PM25_IDLEX	0	0	0	0	0.000892093	0.001437098	0.000124217	0.001972888	0.000137	0	0	0.001496826	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026204707	0.05586	0.029735517	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002481339	0.00271423	0.003000001	0.008910217	0.003	0.008331536	0.001	0.002651114	0.0033	
A	PM25_RUNEX	0.000738	0.000839	0.000828	0.000832	0.006131741	0.012884712	0.006647319	0.022571199	0.007667	0.004893179	0.002015	0.016949374	0.013662	
A	PM25_STREX	0.001042	0.001184	0.001105	0.001105	0.00018529	9.46868E-05	0.000105138	5.55794E-07	0.000148	1.57478E-05	0.002631	6.91053E-05	0.000191	
A	ROG_DIURN	0.022113	0.039009	0.0449	0.054162	0.00128439	0.000581545	0.000282978	1.30868E-06	0.00107	0.000417262	0.893531	0.001022582	0.294435	
A	ROG_HTSK	0.055055	0.079734	0.07972	0.089897	0.049179349	0.021210297	0.01337051	5.61857E-05	0.015729	0.001499034	0.627815	0.009642952	0.023025	
A	ROG_IDLEX	0	0	0	0	0.016550636	0.013018832	0.018784344	0.423137835	0.050328	0	0	0.349342706	0	
A	ROG_RESTL	0.020551	0.035779	0.044637	0.053654	0.000723992	0.000348372	0.000169832	8.08521E-07	0.000494	0.000252195	0.473008	0.000489451	0.124093	
A	ROG_RUNEX	0.002737	0.004937	0.005506	0.005696	0.069387234	0.096501992	0.011300903	0.02370356	0.015765	0.026968968	2.118091	0.050047195	0.036265	
A	ROG_RUNLS	0.163056	0.311761	0.305693	0.308808	0.362582174	0.119516675	0.067865854	0.000273576	0.184404	0.01010444	1.411296	0.062952549	0.381249	
A	ROG_STREX	0.103659	0.12976	0.159469	0.171276	0.037674299	0.019511748	0.041486361	2.23752E-06	0.075413	0.011113095	1.865587	0.03922774	0.071199	
A	SO2_IDLEX	0	0	0	0	7.81945E-05	0.000121701	0.000599363	0.008381513	0.000911	0	0	0.003171309	0	
A	SO2_RUNEX	0.001908	0.002306	0.00236	0.002845	0.006632111	0.00639699	0.00926431	0.010767908	0.011411	0.01041574	0.002075	0.009011358	0.012919	
A	SO2_STREX	0.000401	0.00049	0.000506	0.000597	9.61743E-05	6.12659E-05	8.47752E-05	5.38123E-07	0.000131	1.55886E-05	0.000582	5.37251E-05	0.000148	
A	TOG_DIURN	0.022113	0.039009	0.0449	0.054162	0.00128439	0.000581545	0.000282978	1.30868E-06	0.00107	0.000417262	0.893531	0.001022582	0.294435	
A	TOG_HTSK	0.055055	0.079734	0.07972	0.089897	0.049179349	0.021210297	0.01337051	5.61857E-05	0.015729	0.001499034	0.627815	0.009642952	0.023025	
A	TOG_IDLEX	0	0	0	0	0.022954627	0.017102059	0.025772582	0.486286559	0.064156	0	0	0.503284381	0	
A	TOG_RESTL	0.020551	0.035779	0.044637	0.053654	0.000723992	0.000348372	0.000169832	8.08521E-07	0.000494	0.000252195	0.473008	0.000489451	0.124093	
A	TOG_RUNEX	0.003976	0.007204	0.007995	0.008249	0.08115326	0.110771217	0.013552505	0.069858948	0.020104	1.898202346	2.656313	0.059824546	0.044693	
A	TOG_RUNLS	0.163056	0.311761	0.305693	0.308808	0.362582174	0.119516675	0.067865854	0.000273576	0.184404	0.01010444	1.411296	0.062952549	0.381249	
A	TOG_STREX	0.113493	0.14207	0.174598	0.187526	0.041248615	0.021362909	0.045422343	2.4498E-06	0.082568	0.01216744	2.031974	0.042949438	0.077954	
S	CH4_IDLEX	0	0	0	0	0.003953721	0.002391414	0.003715061	0.025609442	0.007219	0	0	0.076338202	0	
S	CH4_RUNEX	0.000949	0.0015	0.001678	0.001701	0.004708361	0.00516449	0.000979881	0.043710671	0.00205	1.859487939	0.311697	0.003844567	0.004657	
S	CH4_STREX	0.021888	0.025966	0.031522	0.032736	0.00753829	0.003993107	0.008020568	4.00087E-07	0.014111	0.002321424	0.209644	0.005814439	0.017766	
S	CO_IDLEX	0	0	0	0	0.175878285	0.130855346	0.344839845	6.223059851	0.6401	0	0	3.156899293	0	
S	CO_RUNEX	0.457499	0.559668	0.607343	0.594667	0.418017916	0.478477455	0.144257561	0.406287857	0.240982	14.11144037	16.88963	0.335316222	0.270423	
S	CO_STREX	1.271602	1.369827	1.697086	1.708071	0.793972259	0.43455722	0.788286266	0.006616925	1.417269	0.127457225	7.955075	0.676088407	1.432894	
S	CO2_NBIO_IDLEX	0	0	0	0	8.077101486	12.74816116	62.81352335	889.7457042	94.78987	0	0	335.8178689	0	
S	CO2_NBIO_RUNEX	207.5573	248.1417	252.6335	301.6368	680.275544	663.3136285	970.6756944	1177.318278	1186.247	1668.510499	208.6311	940.7443825	1317.477	
S	CO2_NBIO_STREX	39.92828	48.91205	50.31436	59.48931	9.619761151	6.137668022	8.44833326	0.053456787	12.98084	1.52459084	55.85305	5.0207553	14.7431	
S	NOX_IDLEX	0	0	0	0	0.043006074	0.069043566	0.314461549	4.939031544	0.411425	0	0	2.396247141	0	
S	NOX_RUNEX	0.016219	0.024236	0.026748	0.027218	0.223432339	0.299039938	1.362839693	2.409266237	1.399385	0.706315924	1.002182	2.387568559	0.964315	
S	NOX_STREX	0.105529	0.123843	0.135382	0.142653	0.194527409	0.107317068	1.67270321	2.306888535	1.114382	0.016883434	0.248671	1.317465115	0.218051	
S	PM10_IDLEX	0	0	0	0	0.00093243	0.001502077	0.000112694	0.001821251	0.000127	0	0	0.001329403	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061144316	0.13034	0.069382874	0.01176	0.74480021	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009925355	0.010856921	0.012000003	0.035640867	0.012	0.033326143	0.004	0.010604454	0.0132	
S	PM10_RUNEX	0.000802	0.000912	0.000899	0.000902	0.00645454	0.013491292	0.006955569	0.023591802	0.008029	0.005116087	0.002161	0.017734061	0.014318	
S	PM10_STREX	0.001134	0.001288	0.001202	0.001202	0.00020152	0.000102981	0.000114347	6.04477E-07	0.000161	1.71272E-05	0.002817	7.51584E-05	0.000208	
S	PM25_IDLEX	0	0	0	0	0.000892093	0.001437098	0.000107819	0.001742464	0.000121	0	0	0.001271893	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026204707	0.05586	0.029735517	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002481339	0.00271423	0.003000001	0.008910217	0.003	0.008331536	0.001	0.002651114	0.0033	
S	PM25_RUNEX	0.000738	0.000839	0.000828	0.000832	0.006131741	0.012884712	0.006647319	0.022571199	0.007667	0.004893179	0.002015	0.016949374	0.013662	
S	PM25_STREX	0.001042	0.001184	0.001105	0.001105	0.00018529	9.46868E-05	0.000105138	5.55794E-07	0.000148	1.57478E-05	0.002631	6.91053E-05	0.000191	
S	ROG_DIURN	0.050053	0.087961	0.099613	0.120858	0.002839265	0.001275135	0.000625982	2.91579E-06	0.002315	0.00091848	2.289853	0.002192499	0.646988	
S	ROG_HTSK	0.059531	0.087593	0.087005	0.099244	0.054064795	0.023161305	0.014622081	6.12976E-05	0.016532	0.001653236	0.863796	0.009832274	0.024838	
S	ROG_IDLEX	0	0	0	0	0.016550636	0.013018832	0.018108013	0.448115839	0.052066	0	0	0.349814696	0	
S	ROG_RESTL	0.041189	0.070975	0.087439	0.106291	0.001446168	0.000691184	0.000342398	1.652E-06	0.000981	0.000511583	1.263831	0.000958858	0.250528	
S	ROG_RUNEX	0.003046	0.00548	0.006107	0.00631	0.069595558	0.096589748	0.011372971	0.023711323	0.015991	0.026981975	2.061341	0.050345559	0.036623	
S	ROG_RUNLS	0.1514	0.287745	0.282754	0.285968	0.351013448	0.115555277	0.065158009	0.000263309	0.179134	0.009100049	1.304616	0.054376898	0.370634	
S	ROG_STREX	0.086198	0.107681	0.132394	0.142168	0.035512312	0.018396668	0.038909502	2.09854E-06	0.070553	0.009833363	1.571978	0.032947277	0.066611	
S	SO2_IDLEX	0	0	0	0	7.81945E-05	0.000121701	0.000596352	0.008278542	0.0009	0	0	0.00320564	0	
S	SO2_RUNEX	0.002053	0.002456	0.002499	0.002981	0.006632187	0.006397022	0.009264335	0.01076792	0.011411	0.010415744	0.002065	0.009011468	0.012919	
S	SO2_STREX	0.000395	0.000484	0.000498	0.000589	9.51953E-05	6.07372E-05	8.36031E-05	5.28998E-07	0.000128	1.50871E-05	0.000553	4.96844E-05	0.000146	
S	TOG_DIURN	0.050053	0.087961	0.099613	0.120858	0.002839265	0.001275135	0.000625982	2.91579E-06	0.002315	0.00091848	2.289853	0.002192499	0.646988	
S	TOG_HTSK	0.059531	0.087593	0.087005	0.099244	0.054064795	0.023161305	0.014622081	6.12976E-05	0.016532	0.001653236	0.863796	0.009832274	0.024838	
S	TOG_IDLEX	0	0	0	0	0.022954627	0.017102059	0.024690458	0.514966797	0.066135	0	0	0.503821706	0	
S	TOG_RESTL	0.041189	0.070975	0.087439	0.106291	0.001446168	0.000691184	0.000342398	1.652E-06	0.000981	0.000511583	1.263831	0.000958858	0.250528	
S	TOG_RUNEX	0.004425	0.007996	0.008872	0.009145	0.081457245	0.110899271	0.013657667	0.069870276	0.020434	1.898221325	2.585939	0.060259918	0.045215	
S	TOG_RUNLS	0.1514	0.287745	0.282754	0.285968	0.351013448	0.115555277	0.065158009	0.000263309	0.179134	0.009100049	1.304616	0.054376898	0.370634	
S	TOG_STREX	0.094376	0.117897	0.144955	0.155656	0.038881512	0.020142036	0.042601007	2.29764E-06	0.077246	0.010766295	1.712234	0.036073121	0.07293	
W	CH4_IDLEX	0	0	0	0	0.003932972	0.002379822	0.004161273	0.02226722	0.006983	0	0	0.076079288	0	
W	CH4_RUNEX	0.000802	0.001279	0.001427	0.001445	0.004605498	0.005117102	0.000942013	0.043707992	0.001947	1.859480176	0.326073	0.003730415	0.004479	
W	CH4_STREX	0.028771	0.034258	0.041567	0.043172	0.008337685	0.004414996	0.008877503	4.52028E-07	0.015753	0.00285795	0.281395	0.007900476	0.0201	
W	CO_IDLEX	0	0	0	0	0.175878285	0.130855346	0.479327915	6.425256272	0.655043	0	0	3.21692526	0	
W	CO_RUNEX	0.378657	0.466578	0.505695	0.495798	0.410492966	0.475249827	0.141833248	0.405040846	0.233211	14.1110193	18.65863	0.324225938	0.259793	
W	CO_STREX	1.876213	2.023338	2.519056	2.537359	0.908795999	0.496882149	0.920192446	0.007724154	1.677474	0.183478523	10.62409	1.166398711	1.695967	
W	CO2_NBIO_IDLEX	0	0	0	0	8.077101486	12.74816116	63.72007313	916.0298685	97.58885	0	0	327.1658809	0	
W	CO2_NBIO_RUNEX	190.5183	230.5521	236.3228	285.6484	680.2619916	663.3078281	970.6713001	1177.316242	1186.233	1668.509733	211.9057	940.7244903	1317.457	
W	CO2_NBIO_STREX	40.9894	50.07799	51.77684	60.97542	9.815292399	6.243437906	8.673206727	0.055212682	13.42276	1.621308998	62.00738	5.83800153	15.18791	
W	NOX_IDLEX	0	0	0	0	0.043006074	0.069043566	0.344958508	5.522979624	0.46296	0	0	2.35961051	0	
W	NOX_RUNEX	0.019661	0.029535	0.032537	0.033073	0.237809743	0.315479833	1.441462182	2.540353818	1.483717	0.707435667	1.216458	2.535367879	1.031062	
W	NOX_STREX	0.12864	0.150951	0.165008	0.173871	0.220293411	0.12153723	1.683573324	2.306894499	1.136514	0.019100299	0.28702	1.328209546	0.247545	
W	PM10_IDLEX	0	0	0	0	0.00093243	0.001502077	0.000153501	0.002394685	0.000165	0	0	0.001889172	0	
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.061144316	0.13034	0.069382874	0.01176	0.74480021	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009925355	0.010856921	0.012000003	0.035640867	0.012	0.033326143	0.004	0.010604454	0.0132	
W	PM10_RUNEX	0.000802	0.000912	0.000899	0.000902	0.00645454	0.013491292	0.006955569	0.023591802	0.008029	0.005116087	0.002161	0.017734061	0.014318	
W	PM10_STREX	0.001134	0.001288	0.001202	0.001202	0.00020152	0.000102981	0.000114347	6.04477E-07	0.000161	1.71272E-05	0.002817	7.51584E-05	0.000208	

W	PM25_IDLEX	0	0	0	0	0.000892093	0.001437098	0.000146861	0.002291092	0.000158	0	0	0.001807447	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026204707	0.05586	0.029735517	0.00504	0.31920009	0.05586
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002481339	0.00271423	0.003000001	0.008910217	0.003	0.008331536	0.001	0.002651114	0.0033
W	PM25_RUNEX	0.000738	0.000839	0.000828	0.000832	0.006131741	0.012884712	0.006647319	0.022571199	0.007667	0.004893179	0.002015	0.016949374	0.013662
W	PM25_STREX	0.001042	0.001184	0.001105	0.001105	0.00018529	9.46868E-05	0.000105138	5.55794E-07	0.000148	1.57478E-05	0.002631	6.91053E-05	0.000191
W	ROG_DIURN	0.011074	0.019683	0.022893	0.027449	0.00066923	0.00030871	0.000148917	6.85283E-07	0.0006	0.000241078	0.394597	0.000580393	0.16041
W	ROG_HTSK	0.056637	0.082622	0.082377	0.093369	0.053589904	0.022163546	0.013800005	5.81836E-05	0.016037	0.001553401	0.723943	0.009722087	0.024543
W	ROG_IDLEX	0	0	0	0	0.016550636	0.013018832	0.019347586	0.3886444	0.047927	0	0	0.34869091	0
W	ROG_RESTL	0.01041	0.018287	0.022903	0.027288	0.000392269	0.000190542	9.20571E-05	4.33777E-07	0.000289	0.00014994	0.188534	0.000288217	0.071935
W	ROG_RUNEX	0.00266	0.004798	0.005352	0.005539	0.069218785	0.096431032	0.011245061	0.023697657	0.01559	0.026959169	2.188906	0.049809132	0.035988
W	ROG_RUNLS	0.196272	0.382563	0.372844	0.375763	0.40302573	0.133787702	0.076782439	0.000308377	0.201525	0.012814219	1.731133	0.079646164	0.414104
W	ROG_STREX	0.116815	0.146435	0.179943	0.193301	0.039542281	0.020476208	0.043614342	2.35229E-06	0.079333	0.012192959	2.14998	0.044884123	0.074901
W	SO2_IDLEX	0	0	0	0	7.81945E-05	0.000121701	0.000604649	0.00852371	0.000926	0	0	0.0031239	0
W	SO2_RUNEX	0.001885	0.002281	0.002338	0.002823	0.006632052	0.006396964	0.009264291	0.0107679	0.011411	0.010415737	0.002097	0.009011271	0.012919
W	SO2_STREX	0.000406	0.000496	0.000512	0.000603	9.71303E-05	6.17839E-05	8.58284E-05	5.46374E-07	0.000133	1.60442E-05	0.000614	5.77718E-05	0.00015
W	TOG_DIURN	0.011074	0.019683	0.022893	0.027449	0.00066923	0.00030871	0.000148917	6.85283E-07	0.0006	0.000241078	0.394597	0.000580393	0.16041
W	TOG_HTSK	0.056637	0.082622	0.082377	0.093369	0.053589904	0.022163546	0.013800005	5.81836E-05	0.016037	0.001553401	0.723943	0.009722087	0.024543
W	TOG_IDLEX	0	0	0	0	0.022954627	0.017102059	0.026725964	0.446680516	0.061423	0	0	0.502542361	0
W	TOG_RESTL	0.01041	0.018287	0.022903	0.027288	0.000392269	0.000190542	9.20571E-05	4.33777E-07	0.000289	0.00014994	0.188534	0.000288217	0.071935
W	TOG_RUNEX	0.003862	0.007	0.007771	0.008021	0.080907458	0.110667673	0.013471021	0.069850334	0.019849	1.898188047	2.744349	0.059477164	0.044289
W	TOG_RUNLS	0.196272	0.382563	0.372844	0.375763	0.40302573	0.133787702	0.076782439	0.000308377	0.201525	0.012814219	1.731133	0.079646164	0.414104
W	TOG_STREX	0.127898	0.160328	0.197015	0.211641	0.043293821	0.02241887	0.047752215	2.57546E-06	0.08686	0.013349755	2.341664	0.049142465	0.082007

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2015
	Fleet Mix	0.562779	0.052709	0.196089	0.116756	0.020608426	0.004362278	0.009512251	0.006727664	0.000972	0.000438686	0.024349	0.000918902	0.003778	
A	CH4_IDLEX	0	0	0	0	0.006009377	0.004004971	0.003360589	0.026103772	0.009257	0	0	0.038651584	0	
A	CH4_RUNEX	0.007905	0.017058	0.009114	0.01196	0.022195737	0.013794868	0.036762505	0.065925914	0.024278	0.188466607	0.353783	0.012607028	0.046461	
A	CH4_STREX	0.101162	0.14079	0.116829	0.148865	0.028559478	0.015700918	0.014584148	0	0.024376	0.002437713	0.270748	0.004289884	0.040971	
A	CO_IDLEX	0	0	0	0	0.198100578	0.151732105	0.381206772	3.630632449	0.590688	0	0	1.679678054	0	
A	CO_RUNEX	1.494722	2.95663	1.772769	2.09426	2.337955037	1.271018288	2.469208827	1.701311711	2.098307	1.514963105	23.38348	1.098127301	7.489116	
A	CO_STREX	2.911109	3.38075	3.781393	4.724834	1.551213686	1.013452038	1.533426774	0.006103603	2.454339	0.156719089	8.771283	0.700802597	3.079003	
A	CO2_NBIO_IDLEX	0	0	0	0	9.260670118	14.30305869	80.12243237	915.4635452	98.3814	0	0	348.1640332	0	
A	CO2_NBIO_RUNEX	301.3383	354.1139	399.2522	478.0753	902.5326543	876.7598395	1265.940157	1746.114841	1548.726	1928.347556	211.5755	1129.60799	1698.121	
A	CO2_NBIO_STREX	64.55379	77.29527	86.5419	103.2731	14.65248306	10.10525349	10.70482498	0.310153149	18.9974	1.847212728	64.56308	3.368742406	26.69196	
A	NOX_IDLEX	0	0	0	0	0.061729854	0.115191044	1.028551615	6.258770595	0.946537	0	0	4.265873677	0	
A	NOX_RUNEX	0.131091	0.302531	0.213126	0.274789	1.92353393	2.359923299	6.811590034	8.206061587	3.689619	13.79542784	1.190277	6.799144948	2.170383	
A	NOX_STREX	0.342451	0.474328	0.559214	0.682126	0.420200663	0.260434965	0.474397655	0.845284754	0.613497	0.016905791	0.268645	0.39413585	0.25545	
A	PM10_IDLEX	0	0	0	0	0.000700544	0.001298464	0.007503683	0.042617246	0.008806	0	0	0.01034925	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.130340037	0.060792893	0.13034	0.069382874	0.01176	0.744800211	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009389688	0.01048555	0.012000003	0.035437592	0.012	0.033326143	0.004	0.011065916	0.012905	
A	PM10_RUNEX	0.001748	0.003371	0.001626	0.001892	0.017930844	0.024595342	0.275313301	0.219658746	0.125804	0.019654026	0.001669	0.062992108	0.037754	
A	PM10_STREX	0.002315	0.003973	0.002102	0.002554	0.00056684	0.000234196	0.000334078	2.21387E-05	0.000241	1.10762E-06	0.004276	3.42533E-05	0.000995	
A	PM25_IDLEX	0	0	0	0	0.000670239	0.001242293	0.007179077	0.040773642	0.008425	0	0	0.009901546	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.055860016	0.026054097	0.05586	0.029735517	0.00504	0.319200091	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002347422	0.002621387	0.003000001	0.008859398	0.003	0.008331536	0.001	0.002766479	0.003226	
A	PM25_RUNEX	0.001615	0.003113	0.0015	0.001748	0.017083198	0.023491441	0.263394608	0.210156343	0.120348	0.018803634	0.001577	0.060252445	0.036039	
A	PM25_STREX	0.002134	0.003665	0.001937	0.002354	0.000527099	0.000215334	0.000313073	2.10328E-05	0.000225	1.01841E-06	0.004063	3.14946E-05	0.000933	
A	ROG_DIURN	0.087693	0.18703	0.082255	0.09279	0.003323194	0.001878366	0.000974917	3.30835E-05	0.001202	0.000254536	0.927405	0.000584409	1.482947	
A	ROG_HTSK	0.180186	0.337392	0.170042	0.189112	0.126866238	0.06762535	0.04820956	0.002655925	0.018142	0.000825314	0.81533	0.00470003	0.124952	
A	ROG_IDLEX	0	0	0	0	0.025438792	0.019215178	0.033770737	0.478184741	0.086057	0	0	0.198620449	0	
A	ROG_RESTL	0.065066	0.127344	0.066346	0.077205	0.001470357	0.000803277	0.000428248	1.5084E-05	0.000466	0.000146681	0.514327	0.00018076	0.468625	
A	ROG_RUNEX	0.037159	0.089891	0.04388	0.05914	0.18401685	0.161616535	0.675410939	0.51281301	0.335396	0.021097456	2.504032	0.159254872	0.306898	
A	ROG_RUNLS	0.366313	1.269975	0.570194	0.620699	0.830404163	0.513890869	0.225513807	0.01046245	0.171484	0.004870564	2.95557	0.041298947	2.50701	
A	ROG_STREX	0.523895	0.782256	0.60156	0.803034	0.157359058	0.08148292	0.100639794	0	0.13685	0.010322136	2.084268	0.025153699	0.242095	
A	SO2_IDLEX	0	0	0	0	9.01884E-05	0.000137134	0.00075961	0.008535312	0.000935	0	0	0.003307785	0	
A	SO2_RUNEX	0.002981	0.003504	0.00395	0.004728	0.008839213	0.008491898	0.012045449	0.016186004	0.014995	0.018074362	0.002094	0.010766682	0.016697	
A	SO2_STREX	0.000639	0.000765	0.000856	0.001022	0.000144998	9.99997E-05	0.000105933	3.06922E-06	0.000188	1.82797E-05	0.000639	3.33364E-05	0.000264	
A	TOG_DIURN	0.087693	0.18703	0.082255	0.09279	0.003323194	0.001878366	0.000974917	3.30835E-05	0.001202	0.000254536	0.927405	0.000584409	1.482947	
A	TOG_HTSK	0.180186	0.337392	0.170042	0.189112	0.126866238	0.06762535	0.04820956	0.002655925	0.018142	0.000825314	0.81533	0.00470003	0.124952	
A	TOG_IDLEX	0	0	0	0	0.036150582	0.026493664	0.041531737	0.54829923	0.105621	0	0	0.277944039	0	
A	TOG_RESTL	0.065066	0.127344	0.066346	0.077205	0.001470357	0.000803277	0.000428248	1.5084E-05	0.000466	0.000146681	0.514327	0.00018076	0.468625	
A	TOG_RUNEX	0.052232	0.122096	0.060906	0.081514	0.232645668	0.196783576	0.779030796	0.626297557	0.398039	0.213323292	2.984862	0.192586017	0.389434	
A	TOG_RUNLS	0.366313	1.269975	0.570194	0.620699	0.830404163	0.513890869	0.225513807	0.01046245	0.171484	0.004870564	2.95557	0.041298947	2.50701	
A	TOG_STREX	0.573458	0.856191	0.658533	0.879034	0.172040067	0.089213541	0.109815014	0	0.149609	0.011301439	2.265516	0.027540134	0.263934	

C1.d **Mitigated EMFAC2017 Mobile Emissions**

Downtown West San Jose Mixed Use Development
Mitigated EMFAC2017 Mobile Emissions

Mitigated EMFAC2017 Mobile Emissions (criteria air pollutants in lb/day) (CO2e in MT/year)

Row Labels	Sum of ROG	Sum of NOX	Sum of PM10 Exh	Sum of PM2.5 Exh	Sum of PM2.5 Dust	Sum of PM10 Dust	Sum of Total CO2e
2021	0.387718636	16.923127	0.178038522	0.214969352	0.537900294	2.130720209	1547.624072
2022	0.635113803	33.12872367	0.320528951	0.203013685	0.891885914	3.613402325	2875.021318
2023	0.721672412	37.07901458	0.33223798	0.108363425	1.227038974	4.752497698	3258.399133
2024	1.445971785	45.82680573	0.326577624	0.145956144	2.640822315	9.251419886	4220.404046
2025	2.241424391	62.49272334	0.391066876	0.200980325	4.219167079	14.44378927	5782.84411
2026	1.965568552	60.88832616	0.405956814	0.192362965	3.779010296	13.07460963	5450.651573
2027	1.080338282	30.63820185	0.191981058	0.100310102	2.280094794	7.812365173	2863.854624
2028	0.724982675	19.85053975	0.109746774	0.060503747	1.393385964	4.710883254	1730.316517
2029	1.006577152	43.14870964	0.329173889	0.131858742	2.066360526	7.439005648	3481.831104
2030	1.128739267	51.27697109	0.353214243	0.143254392	2.193199968	7.865078882	3706.927666
2031	0.663372402	25.95433603	0.193186065	0.083877771	1.630444665	5.77842617	2223.207039
2032	0.002616809	0.021231168	0.000569125	0.000523745	0.033517195	0.116862375	19.97884032
(blank)							
Grand Total	**12.00409616**	**427.22871**	**3.132277921**	**1.585974396**	**22.89282799**	**80.98906052**	**37161.06004**

Note: Idling time is weighted for mitigated emissions assuming 10% of vendor deliveries are concrete trucks.
Idling time for vendor = (0.1*15 min) + (0.9*6 min) = 6.9 min

		Regional Emissions										
		(lb/day)										(MT/yr)
Year	Vehicle Type	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	Total CO2e
2021	Hauling	0.34	16.64	4.47	0.09	1.55	0.17	1.72	0.37	0.21	0.58	1412.65
2021	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021	Worker	0.05	0.28	2.82	0.01	0.58	0.01	0.59	0.17	0.00	0.17	134.97
2022	Hauling	0.59	32.80	8.49	0.17	3.05	0.31	3.36	0.73	0.20	0.93	2744.40
2022	Vendor	0.00	0.09	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	4.88
2022	Worker	0.04	0.24	2.46	0.01	0.56	0.00	0.57	0.16	0.00	0.17	125.74
2023	Hauling	0.51	32.78	8.45	0.17	3.04	0.30	3.34	0.73	0.09	0.82	2710.97
2023	Vendor	0.12	3.75	1.81	0.01	0.27	0.02	0.28	0.08	0.01	0.09	232.69
2023	Worker	0.09	0.55	5.82	0.02	1.45	0.01	1.46	0.42	0.01	0.43	314.74
2024	Hauling	0.25	16.62	4.24	0.08	1.51	0.15	1.67	0.36	0.05	0.41	1332.57
2024	Vendor	0.87	27.25	13.12	0.11	1.93	0.13	2.06	0.61	0.06	0.67	1669.06
2024	Worker	0.32	1.96	21.53	0.08	5.81	0.05	5.85	1.67	0.04	1.71	1218.78
2025	Hauling	0.12	8.23	2.05	0.04	0.75	0.08	0.82	0.18	0.02	0.20	644.73
2025	Vendor	1.63	51.21	24.67	0.20	3.64	0.24	3.88	1.16	0.11	1.27	3098.37
2025	Worker	0.49	3.05	34.72	0.14	10.05	0.08	10.13	2.88	0.07	2.95	2039.74
2026	Hauling	0.22	15.33	3.72	0.07	1.39	0.14	1.53	0.33	0.04	0.38	1177.56
2026	Vendor	1.38	43.19	20.89	0.16	3.09	0.20	3.29	0.98	0.09	1.07	2582.54
2026	Worker	0.37	2.37	27.89	0.12	8.59	0.06	8.65	2.46	0.06	2.52	1690.55
2027	Hauling	0.06	3.90	0.95	0.02	0.35	0.04	0.39	0.08	0.01	0.10	291.68
2027	Vendor	0.81	25.31	12.31	0.09	1.82	0.12	1.94	0.58	0.05	0.63	1494.52
2027	Worker	0.21	1.42	17.31	0.07	5.64	0.04	5.68	1.62	0.03	1.65	1077.65
2028	Hauling	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06
2028	Vendor	0.61	19.04	9.31	0.07	1.38	0.09	1.47	0.44	0.04	0.48	1108.56
2028	Worker	0.11	0.78	9.74	0.04	3.33	0.02	3.35	0.95	0.02	0.97	619.69
2029	Hauling	0.33	24.59	5.69	0.11	2.24	0.23	2.46	0.54	0.07	0.61	1775.67
2029	Vendor	0.54	17.64	8.25	0.06	1.23	0.08	1.31	0.39	0.04	0.43	966.69
2029	Worker	0.13	0.92	11.24	0.05	3.97	0.03	3.99	1.14	0.02	1.16	739.48
2030	Hauling	0.34	25.62	5.87	0.11	2.33	0.23	2.56	0.56	0.08	0.63	1806.77
2030	Vendor	0.57	24.34	8.68	0.06	1.30	0.08	1.38	0.41	0.04	0.45	1001.17
2030	Worker	0.22	1.32	12.40	0.06	4.24	0.04	4.27	1.22	0.03	1.25	898.99
2031	Hauling	0.17	12.86	2.94	0.05	1.16	0.12	1.28	0.28	0.04	0.32	886.03
2031	Vendor	0.40	12.38	6.12	0.04	0.92	0.06	0.97	0.29	0.03	0.32	693.19
2031	Worker	0.09	0.71	9.62	0.04	3.70	0.02	3.72	1.06	0.02	1.08	643.99
2032	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	Worker	0.00	0.02	0.29	0.00	0.12	0.00	0.12	0.03	0.00	0.03	19.98

Note: Includes a trip reduction of 50% for construction worker trips as a mitigation measure

Downtown West San Jose Mixed Use Development
Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Excavation - Class I Haz	2021															
Total Haul Trips	2957															
Hauling	19	157	8	170	15	0.25	15.77	3.19	0.09	1.64	0.18	1.82	0.39	0.22	0.61	733.79
Vendor	0	157	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0	0.06	0.35	3.43	0.01	0.71	0.01	0.72	0.20	0.01	0.21	82.57
Excavation - Class I Haz	2022															
Total Haul Trips	5914															
Hauling	19	313	8	170	15	0.21	15.81	3.03	0.09	1.64	0.17	1.81	0.39	0.11	0.50	1441.58
Vendor	0	313	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0	0.05	0.30	3.11	0.01	0.71	0.01	0.72	0.20	0.01	0.21	159.63
Excavation - Class I Haz	2023															
Total Haul Trips	5914															
Hauling	19	313	8	170	15	0.17	15.97	3.04	0.09	1.64	0.16	1.80	0.39	0.05	0.44	1430.78
Vendor	0	313	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0	0.05	0.27	2.85	0.01	0.71	0.01	0.72	0.20	0.01	0.21	154.63
Excavation - Class I Haz	2024															
Total Haul Trips	2957															
Hauling	19	157	8	170	15	0.17	16.29	3.08	0.09	1.64	0.17	1.81	0.39	0.05	0.44	707.62
Vendor	0	157	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0	0.04	0.24	2.63	0.01	0.71	0.01	0.72	0.20	0.01	0.21	75.06
Excavation - Class I Haz	2025															
Total Haul Trips	1438															
Hauling	10	157	8	170	15	0.09	8.70	1.64	0.04	0.86	0.09	0.95	0.21	0.03	0.23	366.44
Vendor	0	157	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0	0.03	0.22	2.45	0.01	0.71	0.01	0.72	0.20	0.00	0.21	72.56
Excavation - Class I Haz	2026															
Total Haul Trips	2876															
Hauling	10	314	8	170	15	0.09	8.79	1.66	0.04	0.86	0.09	0.95	0.21	0.03	0.23	720.74
Vendor	0	314	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0	0.03	0.20	2.31	0.01	0.71	0.01	0.72	0.20	0.00	0.21	140.70
Excavation - Class I Haz	2027															
Total Haul Trips	719															
Hauling	10	78	8	170	15	0.09	8.86	1.67	0.04	0.86	0.09	0.95	0.21	0.03	0.23	175.85
Vendor	0	78	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	78	8	14.7	0	0.03	0.18	2.18	0.01	0.71	0.00	0.72	0.20	0.00	0.21	33.96
Excavation - Class I Haz	2029															
Total Haul Trips	5609															
Hauling	18	314	8	170	15	0.17	16.02	3.02	0.07	1.55	0.16	1.71	0.37	0.05	0.42	1219.87
Vendor	0	314	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0	0.02	0.15	1.99	0.01	0.71	0.00	0.71	0.20	0.00	0.21	129.92
Excavation - Class I Haz	2030															
Total Haul Trips	5714															
Hauling	19	313	8	170	15	0.18	16.99	3.19	0.08	1.64	0.16	1.81	0.39	0.05	0.45	1257.13
Vendor	0	313	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0	0.02	0.14	1.92	0.01	0.71	0.00	0.71	0.20	0.00	0.21	126.66
Excavation - Class I Haz	2031															
Total Haul Trips	2857															
Hauling	19	156	8	170	15	0.18	17.08	3.19	0.08	1.64	0.16	1.81	0.39	0.05	0.45	614.89
Vendor	0	156	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	156	8	14.7	0	0.02	0.14	1.85	0.01	0.71	0.00	0.71	0.20	0.00	0.21	61.86
Excavation - Class II Non-Haz	2021															
Total Haul Trips	28251															
Hauling	180	157	8	15	15	0.40	16.56	5.45	0.08	1.37	0.15	1.53	0.33	0.19	0.52	650.06
Vendor	0	157	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2022															
Total Haul Trips	56502															
Hauling	181	313	8	15	15	0.37	16.64	5.35	0.08	1.38	0.14	1.52	0.33	0.09	0.42	1283.85
Vendor	0	313	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2023															
Total Haul Trips	56502															
Hauling	181	313	8	15	15	0.33	16.58	5.35	0.08	1.38	0.14	1.52	0.33	0.04	0.37	1270.76
Vendor	0	313	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2024															
Total Haul Trips	28251															
Hauling	180	157	8	15	15	0.33	16.74	5.34	0.08	1.37	0.14	1.51	0.33	0.04	0.37	624.95
Vendor	0	157	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2025															
Total Haul Trips	10567															
Hauling	68	157	8	15	15	0.13	6.39	2.03	0.03	0.52	0.05	0.57	0.12	0.02	0.14	232.28
Vendor	0	157	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2026															
Total Haul Trips	21134															
Hauling	68	314	8	15	15	0.13	6.44	2.04	0.03	0.52	0.05	0.57	0.12	0.02	0.14	456.82
Vendor	0	314	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Excavation - Class II Non-Haz	2027															
Total Haul Trips	5283															
Hauling	68	78	8	15	15	0.13	6.49	2.04	0.03	0.52	0.05	0.57	0.12	0.02	0.14	111.46
Vendor	0	78	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	78	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2029															
Total Haul Trips	27459															
Hauling	88	314	8	15	15	0.16	8.41	2.64	0.03	0.67	0.07	0.74	0.16	0.02	0.18	555.79
Vendor	0	314	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2030															
Total Haul Trips	27899															
Hauling	393	71	8	15	15	0.72	37.66	11.75	0.15	2.99	0.30	3.30	0.72	0.10	0.82	549.64
Vendor	0	71	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	71	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Haz	2031															
Total Haul Trips	13949															
Hauling	85	165	8	15	15	0.16	8.18	2.54	0.03	0.65	0.07	0.71	0.16	0.02	0.18	271.14
Vendor	0	165	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	165	8	14.7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Site Preparation	2027															
Total Haul Trips	0															
Hauling	0	65	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	90	65	8	14.7	0	0.02	0.13	1.60	0.01	0.52	0.00	0.52	0.15	0.00	0.15	20.71
A1- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	171	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	171	8	6.9	6.9	0.35	10.79	5.25	0.04	0.78	0.05	0.83	0.25	0.02	0.27	349.17
Worker	518	171	8	14.7	0	0.11	0.76	9.19	0.04	2.99	0.02	3.01	0.86	0.02	0.88	313.53
A1- Building Construction	2028															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	313	8	6.9	6.9	0.34	10.74	5.25	0.04	0.78	0.05	0.83	0.25	0.02	0.27	627.03
Worker	518	313	8	14.7	0	0.10	0.70	8.76	0.04	2.99	0.02	3.01	0.86	0.02	0.88	558.85
A1- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	169	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	169	8	6.9	6.9	0.34	10.61	5.21	0.04	0.78	0.05	0.83	0.25	0.02	0.27	330.64
Worker	518	169	8	14.7	0	0.09	0.65	8.38	0.04	2.99	0.02	3.01	0.86	0.02	0.87	294.48
A1- Paving	2029															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	49	8	14.7	0	0.01	0.05	0.62	0.00	0.22	0.00	0.22	0.06	0.00	0.06	6.26
A2- Architectural Coating	2029															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	104	49	8	14.7	0	0.02	0.13	1.68	0.01	0.60	0.00	0.60	0.17	0.00	0.18	17.14
B1- Site Preparation	2026															
Total Haul Trips	0															
Hauling	0	63	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	88	63	8	14.7	0	0.02	0.14	1.65	0.01	0.51	0.00	0.51	0.15	0.00	0.15	20.20
B1 - Building Construction	2026															
Total Haul Trips	0															
Hauling	0	66	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	66	8	6.9	6.9	0.22	6.99	3.38	0.03	0.50	0.03	0.53	0.16	0.01	0.17	88.41
Worker	334	66	8	14.7	0	0.08	0.53	6.26	0.03	1.93	0.01	1.94	0.55	0.01	0.57	80.31
B1 - Building Construction	2027															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	313	8	6.9	6.9	0.22	6.94	3.38	0.03	0.50	0.03	0.53	0.16	0.01	0.17	411.32
Worker	334	313	8	14.7	0	0.07	0.49	5.93	0.03	1.93	0.01	1.94	0.55	0.01	0.57	370.03
B1 - Building Construction	2028															
Total Haul Trips	0															
Hauling	0	252	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	252	8	6.9	6.9	0.22	6.91	3.38	0.03	0.50	0.03	0.53	0.16	0.01	0.17	324.89
Worker	334	252	8	14.7	0	0.07	0.45	5.65	0.02	1.93	0.01	1.94	0.55	0.01	0.56	290.11
B1 - Paving	2029															
Total Haul Trips	0															
Hauling	0	12	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	12	8	14.7	0	0.01	0.04	0.49	0.00	0.17	0.00	0.17	0.05	0.00	0.05	1.21
B1 - Paving	2028															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	35	8	14.7	0	0.01	0.04	0.51	0.00	0.17	0.00	0.17	0.05	0.00	0.05	3.62
B1- Architectural Coating	2029															
Total Haul Trips	0															

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Hauling	0	47	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	67	47	8	14.7	0	0.01	0.08	1.08	0.00	0.39	0.00	0.39	0.11	0.00	0.11	10.59
C1- Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	65	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	115	65	8	14.7	0	0.02	0.14	1.86	0.01	0.66	0.00	0.67	0.19	0.00	0.19	25.14
C1- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	39	8	6.9	6.9	0.00	6.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	859	39	8	14.7	0	0.22	1.08	3.30	0.02	0.49	0.03	0.52	0.16	0.01	0.17	48.35
C1- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	313	8	6.9	6.9	0.00	6.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	859	313	8	14.7	0	0.22	1.01	3.29	0.02	0.49	0.03	0.52	0.16	0.01	0.17	380.46
C1- Building Construction	2031															
Total Haul Trips	0															
Hauling	0	299	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	299	8	6.9	6.9	0.22	6.66	3.29	0.02	0.49	0.03	0.52	0.16	0.01	0.17	357.22
Worker	859	299	8	14.7	0	0.12	0.95	12.91	0.06	4.96	0.03	4.99	1.42	0.02	1.45	828.08
C1- Paving	2031															
Total Haul Trips	0															
Hauling	0	29	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	29	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	29	8	14.7	0	0.00	0.03	0.38	0.00	0.14	0.00	0.15	0.04	0.00	0.04	2.34
C1- Paving	2032															
Total Haul Trips	0															
Hauling	0	20	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	20	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	20	8	14.7	0	0.00	0.03	0.36	0.00	0.14	0.00	0.15	0.04	0.00	0.04	1.58
C1- Architectural Coating	2032															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	172	49	8	14.7	0	0.02	0.18	2.51	0.01	0.99	0.00	1.00	0.29	0.00	0.29	26.68
C2- Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	65	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	100	65	8	14.7	0	0.02	0.13	1.62	0.01	0.58	0.00	0.58	0.17	0.00	0.17	21.86
C2- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	170	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	170	8	6.9	6.9	0.19	5.83	2.86	0.02	0.43	0.03	0.45	0.14	0.01	0.15	182.76
Worker	286	170	8	14.7	0	0.05	0.36	4.63	0.02	1.65	0.01	1.66	0.47	0.01	0.48	163.55
C2- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	313	8	6.9	6.9	0.19	5.79	2.85	0.02	0.43	0.03	0.45	0.14	0.01	0.15	329.93
Worker	286	313	8	14.7	0	0.05	0.34	4.45	0.02	1.65	0.01	1.66	0.47	0.01	0.48	294.51
C2- Building Construction	2031															
Total Haul Trips	0															
Hauling	0	169	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	169	8	6.9	6.9	0.19	5.77	2.85	0.02	0.43	0.03	0.45	0.14	0.01	0.15	175.09
Worker	286	169	8	14.7	0	0.04	0.32	4.30	0.02	1.65	0.01	1.66	0.47	0.01	0.48	155.83
C2- Paving	2031															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	49	8	14.7	0	0.00	0.03	0.45	0.00	0.17	0.00	0.17	0.05	0.00	0.05	4.74
C2- Architectural Coating	2032															
Total Haul Trips	0															
Hauling	0	49	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	57	49	8	14.7	0	0.01	0.06	0.83	0.00	0.33	0.00	0.33	0.09	0.00	0.10	8.84
C3- Site Preparation	2030															
Total Haul Trips	0															
Hauling	0	53	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	35	53	8	14.7	0	0.01	0.04	0.54	0.00	0.20	0.00	0.20	0.06	0.00	0.06	6.10
C3- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	237	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	237	8	6.9	6.9	0.05	1.51	0.75	0.01	0.11	0.01	0.12	0.04	0.00	0.04	65.27
Worker	150	237	8	14.7	0	0.02	0.18	2.34	0.01	0.87	0.00	0.87	0.25	0.00	0.25	116.96
C3- Building Construction	2031															
Total Haul Trips	0															
Hauling	0	289	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	289	8	6.9	6.9	0.05	1.51	0.75	0.01	0.11	0.01	0.12	0.04	0.00	0.04	78.23

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

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Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Worker	150	289	8	14.7	0	0.02	0.17	2.25	0.01	0.87	0.00	0.87	0.25	0.00	0.25	139.76
C3- Paving	2031															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	39	8	14.7	0	0.00	0.01	0.20	0.00	0.08	0.00	0.08	0.02	0.00	0.02	1.63
C3- Architectural Coating	2031															
Total Haul Trips	0															
Hauling	0	9	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	9	8	14.7	0	0.00	0.03	0.45	0.00	0.17	0.00	0.17	0.05	0.00	0.05	0.87
C3- Architectural Coating	2032															
Total Haul Trips	0															
Hauling	0	30	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	8	14.7	0	0.00	0.03	0.44	0.00	0.17	0.00	0.17	0.05	0.00	0.05	2.85
D1-Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	53	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	33	53	8	14.7	0	0.01	0.04	0.53	0.00	0.19	0.00	0.19	0.05	0.00	0.06	5.88
D1- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	260	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	260	8	6.9	6.9	0.09	2.94	1.44	0.01	0.22	0.01	0.23	0.07	0.01	0.07	141.02
Worker	366	260	8	14.7	0	0.06	0.46	5.92	0.03	2.11	0.01	2.13	0.61	0.01	0.62	320.10
D1- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	267	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	267	8	6.9	6.9	0.09	2.92	1.44	0.01	0.22	0.01	0.23	0.07	0.01	0.07	141.99
Worker	366	267	8	14.7	0	0.06	0.43	5.70	0.03	2.11	0.01	2.13	0.61	0.01	0.62	321.50
D1- Paving	2030															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0	0.00	0.02	0.23	0.00	0.09	0.00	0.09	0.02	0.00	0.03	1.92
D1- Architectural Coating	2030															
Total Haul Trips	0															
Hauling	0	8	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	8	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	8	8	14.7	0	0.01	0.09	1.14	0.01	0.42	0.00	0.42	0.12	0.00	0.12	1.92
D1- Architectural Coating	2031															
Total Haul Trips	0															
Hauling	0	31	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	31	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	31	8	14.7	0	0.01	0.08	1.10	0.01	0.42	0.00	0.42	0.12	0.00	0.12	7.30
D4- Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	57	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	57	8	14.7	0	0.01	0.09	1.10	0.00	0.39	0.00	0.40	0.11	0.00	0.11	13.04
D4- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	183	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	183	8	6.9	6.9	0.21	6.46	3.17	0.02	0.47	0.03	0.50	0.15	0.01	0.16	218.01
Worker	315	183	8	14.7	0	0.06	0.40	5.10	0.02	1.82	0.01	1.83	0.52	0.01	0.53	193.91
D4- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	313	8	6.9	6.9	0.21	6.42	3.16	0.02	0.47	0.03	0.50	0.15	0.01	0.16	365.60
Worker	315	313	8	14.7	0	0.05	0.37	4.90	0.02	1.82	0.01	1.83	0.52	0.01	0.53	324.37
D4- Building Construction	2031															
Total Haul Trips	0															
Hauling	0	72	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	72	8	6.9	6.9	0.21	6.40	3.16	0.02	0.47	0.03	0.50	0.15	0.01	0.16	82.66
Worker	315	72	8	14.7	0	0.04	0.35	4.73	0.02	1.82	0.01	1.83	0.52	0.01	0.53	73.12
D4- Paving	2031															
Total Haul Trips	0															
Hauling	0	43	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	43	8	14.7	0	0.00	0.02	0.30	0.00	0.12	0.00	0.12	0.03	0.00	0.03	2.77
D4- Architectural Coating	2031															
Total Haul Trips	0															
Hauling	0	43	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	63	43	8	14.7	0	0.01	0.07	0.95	0.00	0.36	0.00	0.37	0.10	0.00	0.11	8.73
D5-D6- Site Preparation	2023															
Total Haul Trips	0															
Hauling	0	57	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	57	8	14.7	0	0.01	0.07	0.69	0.00	0.17	0.00	0.17	0.05	0.00	0.05	6.87

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
D5-D6- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	22	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	22	8	6.9	6.9	0.02	0.49	0.24	0.00	0.03	0.00	0.04	0.01	0.00	0.01	2.14
Worker	24	22	8	14.7	0	0.01	0.05	0.56	0.00	0.14	0.00	0.14	0.04	0.00	0.04	2.12
D5-D6- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	6.9	0.02	0.49	0.24	0.00	0.03	0.00	0.04	0.01	0.00	0.01	30.04
Worker	24	313	8	14.7	0	0.01	0.05	0.51	0.00	0.14	0.00	0.14	0.04	0.00	0.04	29.20
D5-D6- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	234	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	234	8	6.9	6.9	0.02	0.49	0.23	0.00	0.03	0.00	0.04	0.01	0.00	0.01	22.08
Worker	24	234	8	14.7	0	0.01	0.04	0.48	0.00	0.14	0.00	0.14	0.04	0.00	0.04	21.10
D5-D6- Paving	2025															
Total Haul Trips	0															
Hauling	0	43	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	43	8	14.7	0	0.00	0.03	0.30	0.00	0.09	0.00	0.09	0.02	0.00	0.03	2.42
D5-D6- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	37	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	37	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	37	8	14.7	0	0.00	0.01	0.10	0.00	0.03	0.00	0.03	0.01	0.00	0.01	0.70
D5-D6- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	6	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	6	8	14.7	0	0.00	0.01	0.09	0.00	0.03	0.00	0.03	0.01	0.00	0.01	0.11
D7- Site Preparation	2025															
Total Haul Trips	0															
Hauling	0	59	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	59	8	14.7	0	0.01	0.08	0.96	0.00	0.28	0.00	0.28	0.08	0.00	0.08	10.64
D7- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	99	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	99	8	6.9	6.9	0.17	5.19	2.50	0.02	0.37	0.02	0.39	0.12	0.01	0.13	99.65
Worker	245	99	8	14.7	0	0.07	0.43	4.89	0.02	1.42	0.01	1.43	0.41	0.01	0.42	91.14
D7- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	313	8	6.9	6.9	0.16	5.16	2.50	0.02	0.37	0.02	0.39	0.12	0.01	0.13	309.64
Worker	245	313	8	14.7	0	0.06	0.39	4.59	0.02	1.42	0.01	1.43	0.41	0.01	0.42	279.37
D7- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	178	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	178	8	6.9	6.9	0.16	5.13	2.49	0.02	0.37	0.02	0.39	0.12	0.01	0.13	172.73
Worker	245	178	8	14.7	0	0.05	0.36	4.35	0.02	1.42	0.01	1.43	0.41	0.01	0.41	154.36
D7- Paving	2027															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0	0.00	0.02	0.27	0.00	0.09	0.00	0.09	0.02	0.00	0.03	2.34
D7- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	49	44	8	14.7	0	0.01	0.07	0.87	0.00	0.28	0.00	0.29	0.08	0.00	0.08	7.63
D8-D13- Site Preparation	2023															
Total Haul Trips	0															
Hauling	0	111	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	111	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	43	111	8	14.7	0	0.02	0.09	1.00	0.00	0.25	0.00	0.25	0.07	0.00	0.07	19.17
D8-D13- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	72	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	72	8	6.9	6.9	0.02	0.49	0.24	0.00	0.03	0.00	0.04	0.01	0.00	0.01	7.01
Worker	24	72	8	14.7	0	0.01	0.05	0.56	0.00	0.14	0.00	0.14	0.04	0.00	0.04	6.94
D8-D13- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	6.9	0.02	0.49	0.24	0.00	0.03	0.00	0.04	0.01	0.00	0.01	30.04
Worker	24	313	8	14.7	0	0.01	0.05	0.51	0.00	0.14	0.00	0.14	0.04	0.00	0.04	29.20
D8-D13- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	6.9	0.02	0.49	0.23	0.00	0.03	0.00	0.04	0.01	0.00	0.01	29.54
Worker	24	313	8	14.7	0	0.01	0.04	0.48	0.00	0.14	0.00	0.14	0.04	0.00	0.04	28.23
D8-D13- Building Construction	2026															
Total Haul Trips	0															

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	6.9	0.02	0.48	0.23	0.00	0.03	0.00	0.04	0.01	0.00	0.01	29.03
Worker	24	313	8	14.7	0	0.01	0.04	0.45	0.00	0.14	0.00	0.14	0.04	0.00	0.04	27.37
D8-D13- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	101	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	101	8	6.9	6.9	0.02	0.48	0.23	0.00	0.03	0.00	0.04	0.01	0.00	0.01	9.19
Worker	24	101	8	14.7	0	0.01	0.04	0.43	0.00	0.14	0.00	0.14	0.04	0.00	0.04	8.58
D8-D13- Paving	2027															
Total Haul Trips	0															
Hauling	0	83	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	83	8	14.7	0	0.00	0.02	0.27	0.00	0.09	0.00	0.09	0.02	0.00	0.03	4.41
D8-D13- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	83	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	83	8	14.7	0	0.00	0.01	0.09	0.00	0.03	0.00	0.03	0.01	0.00	0.01	1.47
E1.1- Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	46	8	14.7	0	0.02	0.13	1.46	0.01	0.39	0.00	0.40	0.11	0.00	0.12	12.16
E1.1- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	267	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	267	8	6.9	6.9	0.17	5.32	2.56	0.02	0.38	0.02	0.40	0.12	0.01	0.13	279.00
Worker	630	267	8	14.7	0	0.20	1.23	13.49	0.05	3.64	0.03	3.67	1.04	0.03	1.07	653.82
E1.1- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	197	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	197	8	6.9	6.9	0.17	5.30	2.55	0.02	0.38	0.02	0.40	0.12	0.01	0.13	202.43
Worker	630	197	8	14.7	0	0.18	1.10	12.57	0.05	3.64	0.03	3.67	1.04	0.03	1.07	466.34
E1.1- Paving	2025															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	35	8	14.7	0	0.01	0.04	0.40	0.00	0.12	0.00	0.12	0.03	0.00	0.03	2.63
E1.1- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	126	35	8	14.7	0	0.04	0.22	2.51	0.01	0.73	0.01	0.73	0.21	0.01	0.21	16.57
E1.2- Site Preparation	2023															
Total Haul Trips	0															
Hauling	0	59	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	75	59	8	14.7	0	0.03	0.16	1.74	0.01	0.43	0.00	0.44	0.12	0.00	0.13	17.77
E1.2- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	20	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	20	8	6.9	6.9	0.32	10.01	4.84	0.04	0.71	0.05	0.75	0.22	0.02	0.25	39.82
Worker	470	20	8	14.7	0	0.18	1.03	10.88	0.04	2.72	0.02	2.74	0.78	0.02	0.80	37.75
E1.2- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	313	8	6.9	6.9	0.32	9.99	4.81	0.04	0.71	0.05	0.75	0.22	0.02	0.25	614.09
Worker	470	313	8	14.7	0	0.15	0.92	10.07	0.04	2.72	0.02	2.74	0.78	0.02	0.80	571.81
E1.2- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	257	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	257	8	6.9	6.9	0.32	9.95	4.79	0.04	0.71	0.05	0.75	0.22	0.02	0.25	495.84
Worker	470	257	8	14.7	0	0.13	0.82	9.38	0.04	2.72	0.02	2.74	0.78	0.02	0.80	453.86
E1.2- Paving	2025															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	44	8	14.7	0	0.01	0.07	0.76	0.00	0.22	0.00	0.22	0.06	0.00	0.06	6.28
E1.2- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	12	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	12	8	14.7	0	0.03	0.16	1.88	0.01	0.54	0.00	0.55	0.16	0.00	0.16	4.24
E1.2- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	32	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	32	8	14.7	0	0.02	0.15	1.76	0.01	0.54	0.00	0.55	0.16	0.00	0.16	10.96
F1-F2- Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	61	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Worker	110	61	8	14.7	0	0.04	0.21	2.36	0.01	0.64	0.00	0.64	0.18	0.00	0.19	26.08
F1-F2- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	122	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	122	8	6.9	6.9	0.53	16.73	8.05	0.06	1.19	0.08	1.26	0.38	0.04	0.41	400.66
Worker	790	122	8	14.7	0	0.26	1.54	16.92	0.07	4.56	0.04	4.60	1.31	0.03	1.34	374.62
F1-F2- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	313	8	6.9	6.9	0.53	16.65	8.02	0.06	1.19	0.08	1.26	0.38	0.04	0.41	1010.84
Worker	790	313	8	14.7	0	0.22	1.39	15.76	0.06	4.56	0.03	4.60	1.31	0.03	1.34	929.11
F1-F2- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	175	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	175	8	6.9	6.9	0.53	16.56	8.01	0.06	1.19	0.08	1.26	0.38	0.04	0.41	555.42
Worker	790	175	8	14.7	0	0.20	1.26	14.82	0.06	4.56	0.03	4.60	1.31	0.03	1.34	503.65
F1-F2- Paving	2026															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	50	46	8	14.7	0	0.01	0.08	0.94	0.00	0.29	0.00	0.29	0.08	0.00	0.08	8.38
F1-F2- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	158	46	8	14.7	0	0.04	0.25	2.96	0.01	0.91	0.01	0.92	0.26	0.01	0.27	26.48
F3- Site Preparation	2025															
Total Haul Trips	0															
Hauling	0	53	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	53	8	14.7	0	0.01	0.05	0.60	0.00	0.17	0.00	0.17	0.05	0.00	0.05	5.97
F3- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	210	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	210	8	6.9	6.9	0.25	8.00	3.86	0.03	0.57	0.04	0.61	0.18	0.02	0.20	325.89
Worker	379	210	8	14.7	0	0.11	0.66	7.56	0.03	2.19	0.02	2.21	0.63	0.02	0.64	299.06
F3- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	6.9	0.25	7.96	3.85	0.03	0.57	0.04	0.61	0.18	0.02	0.20	477.36
Worker	379	313	8	14.7	0	0.09	0.60	7.11	0.03	2.19	0.02	2.21	0.63	0.01	0.64	432.17
F3- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	4	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	4	8	6.9	6.9	0.25	7.91	3.84	0.03	0.57	0.04	0.61	0.18	0.02	0.20	5.98
Worker	379	4	8	14.7	0	0.08	0.55	6.72	0.03	2.19	0.01	2.20	0.63	0.01	0.64	5.37
F3- Paving	2027															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0	0.00	0.02	0.27	0.00	0.09	0.00	0.09	0.02	0.00	0.03	2.07
F3- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	39	8	14.7	0	0.02	0.11	1.35	0.01	0.44	0.00	0.44	0.13	0.00	0.13	10.49
F4- Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	61	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	61	8	14.7	0	0.01	0.07	0.81	0.00	0.22	0.00	0.22	0.06	0.00	0.06	9.01
F4- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	122	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	122	8	6.9	6.9	0.10	3.26	1.57	0.01	0.23	0.02	0.25	0.07	0.01	0.08	78.05
Worker	311	122	8	14.7	0	0.10	0.61	6.66	0.03	1.80	0.01	1.81	0.52	0.01	0.53	147.48
F4- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	313	8	6.9	6.9	0.10	3.24	1.56	0.01	0.23	0.02	0.25	0.07	0.01	0.08	196.92
Worker	311	313	8	14.7	0	0.09	0.55	6.21	0.03	1.80	0.01	1.81	0.52	0.01	0.53	365.76
F4- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	175	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	175	8	6.9	6.9	0.10	3.23	1.56	0.01	0.23	0.02	0.25	0.07	0.01	0.08	108.20
Worker	311	175	8	14.7	0	0.08	0.50	5.83	0.02	1.80	0.01	1.81	0.52	0.01	0.53	198.27
F4- Paving	2026															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	46	8	14.7	0	0.00	0.02	0.28	0.00	0.09	0.00	0.09	0.02	0.00	0.03	2.51

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
F4- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	46	8	14.7	0	0.02	0.10	1.16	0.00	0.36	0.00	0.36	0.10	0.00	0.11	10.39
F5- Site Preparation	2022															
Total Haul Trips	0															
Hauling	0	71	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0	0.01	0.07	0.76	0.00	0.17	0.00	0.17	0.05	0.00	0.05	8.83
F5- Building Construction	2022															
Total Haul Trips	0															
Hauling	0	8	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	8	8	6.9	6.9	0.04	0.93	0.39	0.00	0.05	0.01	0.06	0.02	0.01	0.02	1.26
Worker	37	8	8	14.7	0	0.02	0.09	0.94	0.00	0.21	0.00	0.22	0.06	0.00	0.06	1.23
F5- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	6.9	0.02	0.76	0.37	0.00	0.05	0.00	0.06	0.02	0.00	0.02	47.41
Worker	37	313	8	14.7	0	0.01	0.08	0.86	0.00	0.21	0.00	0.22	0.06	0.00	0.06	46.51
F5- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	6.9	0.02	0.76	0.37	0.00	0.05	0.00	0.06	0.02	0.00	0.02	46.72
Worker	37	313	8	14.7	0	0.01	0.07	0.79	0.00	0.21	0.00	0.22	0.06	0.00	0.06	45.01
F5- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	81	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	81	8	6.9	6.9	0.02	0.76	0.36	0.00	0.05	0.00	0.06	0.02	0.00	0.02	11.89
Worker	37	81	8	14.7	0	0.01	0.06	0.74	0.00	0.21	0.00	0.22	0.06	0.00	0.06	11.26
F5- Paving	2025															
Total Haul Trips	0															
Hauling	0	54	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0	0.00	0.03	0.30	0.00	0.09	0.00	0.09	0.02	0.00	0.03	3.04
F5- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	54	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	7	54	8	14.7	0	0.00	0.01	0.14	0.00	0.04	0.00	0.04	0.01	0.00	0.01	1.42
F6- Site Preparation	2022															
Total Haul Trips	0															
Hauling	0	71	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0	0.01	0.07	0.76	0.00	0.17	0.00	0.17	0.05	0.00	0.05	8.83
F6- Building Construction	2022															
Total Haul Trips	0															
Hauling	0	8	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	8	8	6.9	6.9	0.11	2.67	1.11	0.01	0.15	0.02	0.18	0.05	0.02	0.06	3.61
Worker	257	8	8	14.7	0	0.11	0.64	6.50	0.02	1.48	0.01	1.50	0.43	0.01	0.44	8.53
F6- Building Construction	2023															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	6.9	0.07	2.18	1.05	0.01	0.15	0.01	0.16	0.05	0.00	0.05	135.47
Worker	257	313	8	14.7	0	0.10	0.56	5.95	0.02	1.48	0.01	1.50	0.43	0.01	0.44	323.09
F6- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	6.9	0.07	2.17	1.05	0.01	0.15	0.01	0.16	0.05	0.00	0.05	133.50
Worker	257	313	8	14.7	0	0.08	0.50	5.50	0.02	1.48	0.01	1.50	0.43	0.01	0.44	312.67
F6- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	81	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	81	8	6.9	6.9	0.07	2.16	1.04	0.01	0.15	0.01	0.16	0.05	0.00	0.05	33.97
Worker	257	81	8	14.7	0	0.07	0.45	5.13	0.02	1.48	0.01	1.50	0.43	0.01	0.44	78.22
F6- Paving	2025															
Total Haul Trips	0															
Hauling	0	54	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0	0.00	0.03	0.30	0.00	0.09	0.00	0.09	0.02	0.00	0.03	3.04
F6- Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	54	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	51	54	8	14.7	0	0.01	0.09	1.02	0.00	0.29	0.00	0.30	0.08	0.00	0.09	10.35
G1- Site Preparation	2025															
Total Haul Trips	0															
Hauling	0	59	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0	0.01	0.07	0.76	0.00	0.22	0.00	0.22	0.06	0.00	0.06	8.42
G1- Building Construction	2025															
Total Haul Trips	0															

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Hauling	0	225	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	225	8	6.9	6.9	0.25	8.00	3.86	0.03	0.57	0.04	0.61	0.18	0.02	0.20	349.17
Worker	379	225	8	14.7	0	0.11	0.66	7.56	0.03	2.19	0.02	2.21	0.63	0.02	0.64	320.42
G1- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	6.9	0.25	7.96	3.85	0.03	0.57	0.04	0.61	0.18	0.02	0.20	477.36
Worker	379	313	8	14.7	0	0.09	0.60	7.11	0.03	2.19	0.02	2.21	0.63	0.01	0.64	432.17
G1- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	50	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	50	8	6.9	6.9	0.25	7.91	3.84	0.03	0.57	0.04	0.61	0.18	0.02	0.20	74.80
Worker	379	50	8	14.7	0	0.08	0.55	6.72	0.03	2.19	0.01	2.20	0.63	0.01	0.64	67.07
G1- Paving	2027															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0	0.00	0.02	0.27	0.00	0.09	0.00	0.09	0.02	0.00	0.03	2.34
G1- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	44	8	14.7	0	0.02	0.11	1.35	0.01	0.44	0.00	0.44	0.13	0.00	0.13	11.84
H1- Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	59	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0	0.01	0.07	0.81	0.00	0.22	0.00	0.22	0.06	0.00	0.06	8.71
H1- Building Construction	2024															
Total Haul Trips	0															
Hauling	0	99	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	99	8	6.9	6.9	0.08	2.55	1.23	0.01	0.18	0.01	0.19	0.06	0.01	0.06	49.61
Worker	312	99	8	14.7	0	0.10	0.61	6.68	0.03	1.80	0.01	1.82	0.52	0.01	0.53	120.06
H1- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	313	8	6.9	6.9	0.08	2.54	1.22	0.01	0.18	0.01	0.19	0.06	0.01	0.06	154.25
Worker	312	313	8	14.7	0	0.09	0.55	6.23	0.03	1.80	0.01	1.82	0.52	0.01	0.53	366.94
H1- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	178	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	178	8	6.9	6.9	0.08	2.53	1.22	0.01	0.18	0.01	0.19	0.06	0.01	0.06	86.21
Worker	312	178	8	14.7	0	0.08	0.50	5.85	0.02	1.80	0.01	1.82	0.52	0.01	0.53	202.32
H1- Paving	2026															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0	0.00	0.02	0.28	0.00	0.09	0.00	0.09	0.02	0.00	0.03	2.40
H1- Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	44	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	44	8	14.7	0	0.02	0.10	1.16	0.00	0.36	0.00	0.36	0.10	0.00	0.11	9.94
H2- Site Preparation	2029															
Total Haul Trips	0															
Hauling	0	51	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	51	8	14.7	0	0.01	0.04	0.49	0.00	0.17	0.00	0.17	0.05	0.00	0.05	5.15
H2- Building Construction	2029															
Total Haul Trips	0															
Hauling	0	263	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	263	8	6.9	6.9	0.06	1.94	0.95	0.01	0.14	0.01	0.15	0.05	0.00	0.05	94.25
Worker	241	263	8	14.7	0	0.04	0.30	3.90	0.02	1.39	0.01	1.40	0.40	0.01	0.41	213.21
H2- Building Construction	2030															
Total Haul Trips	0															
Hauling	0	242	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	242	8	6.9	6.9	0.06	1.93	0.95	0.01	0.14	0.01	0.15	0.05	0.00	0.05	85.03
Worker	241	242	8	14.7	0	0.04	0.28	3.75	0.02	1.39	0.01	1.40	0.40	0.01	0.41	191.87
H2- Paving	2030															
Total Haul Trips	0															
Hauling	0	38	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	38	8	6.9	6.9	0.06	1.93	0.95	0.01	0.14	0.01	0.15	0.05	0.00	0.05	13.35
Worker	241	38	8	14.7	0	0.04	0.28	3.75	0.02	1.39	0.01	1.40	0.40	0.01	0.41	30.13
H2- Architectural Coating	2030															
Total Haul Trips	0															
Hauling	0	32	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	32	8	14.7	0	0.00	0.02	0.23	0.00	0.09	0.00	0.09	0.02	0.00	0.03	1.58
H2- Architectural Coating	2031															
Total Haul Trips	0															
Hauling	0	6	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Worker	48	6	8	14.7	0	0.01	0.05	0.72	0.00	0.28	0.00	0.28	0.08	0.00	0.08	0.93
H3- Site Preparation	2025															
Total Haul Trips	0															
Hauling	0	63	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	80	63	8	14.7	0	0.02	0.14	1.60	0.01	0.46	0.00	0.47	0.13	0.00	0.14	18.94
H3- Building Construction	2025															
Total Haul Trips	0															
Hauling	0	105	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	105	8	6.9	6.9	0.24	7.46	3.59	0.03	0.53	0.03	0.57	0.17	0.02	0.18	151.93
Worker	865	105	8	14.7	0	0.24	1.52	17.26	0.07	5.00	0.04	5.04	1.43	0.03	1.47	341.27
H3- Building Construction	2026															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	313	8	6.9	6.9	0.24	7.42	3.59	0.03	0.53	0.03	0.57	0.17	0.02	0.18	445.10
Worker	865	313	8	14.7	0	0.22	1.38	16.22	0.07	5.00	0.04	5.03	1.43	0.03	1.47	986.34
H3- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	214	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	214	8	6.9	6.9	0.24	7.37	3.58	0.03	0.53	0.03	0.57	0.17	0.02	0.18	298.52
Worker	865	214	8	14.7	0	0.19	1.26	15.35	0.07	5.00	0.03	5.03	1.43	0.03	1.46	655.21
H3- Paving	2027															
Total Haul Trips	0															
Hauling	0	47	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	47	8	14.7	0	0.01	0.04	0.44	0.00	0.14	0.00	0.15	0.04	0.00	0.04	4.16
H3- Architectural Coating	2027															
Total Haul Trips	0															
Hauling	0	42	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	42	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	42	8	14.7	0	0.04	0.25	3.07	0.01	1.00	0.01	1.01	0.29	0.01	0.29	25.72
H3- Architectural Coating	2028															
Total Haul Trips	0															
Hauling	0	5	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	5	8	14.7	0	0.03	0.23	2.92	0.01	1.00	0.01	1.01	0.29	0.01	0.29	2.98
H4- Site Preparation	2027															
Total Haul Trips	0															
Hauling	0	51	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	51	8	14.7	0	0.01	0.06	0.67	0.00	0.22	0.00	0.22	0.06	0.00	0.06	6.86
H4- Building Construction	2027															
Total Haul Trips	0															
Hauling	0	263	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	263	8	6.9	6.9	0.11	3.47	1.69	0.01	0.25	0.02	0.27	0.08	0.01	0.09	172.80
Worker	425	263	8	14.7	0	0.09	0.62	7.54	0.03	2.46	0.02	2.47	0.70	0.02	0.72	395.63
H4- Building Construction	2028															
Total Haul Trips	0															
Hauling	0	243	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	243	8	6.9	6.9	0.11	3.45	1.69	0.01	0.25	0.02	0.27	0.08	0.01	0.09	156.64
Worker	425	243	8	14.7	0	0.08	0.57	7.19	0.03	2.46	0.02	2.47	0.70	0.01	0.72	355.97
H4- Paving	2028															
Total Haul Trips	0															
Hauling	0	38	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	38	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	38	8	14.7	0	0.00	0.02	0.25	0.00	0.09	0.00	0.09	0.02	0.00	0.03	1.96
H4- Architectural Coating	2028															
Total Haul Trips	0															
Hauling	0	6	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	6	8	14.7	0	0.02	0.11	1.44	0.01	0.49	0.00	0.49	0.14	0.00	0.14	1.76
H4- Architectural Coating	2029															
Total Haul Trips	0															
Hauling	0	32	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	32	8	14.7	0	0.01	0.11	1.38	0.01	0.49	0.00	0.49	0.14	0.00	0.14	9.15
150 SM Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	53	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	53	8	14.7	0	0.01	0.05	0.60	0.00	0.16	0.00	0.16	0.05	0.00	0.05	5.77
150 SM Building Construction	2024															
Total Haul Trips	0															
Hauling	0	26	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	26	8	6.9	6.9	0.01	0.16	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.83
Worker	7	26	8	14.7	0	0.00	0.01	0.15	0.00	0.04	0.00	0.04	0.01	0.00	0.01	0.71
150 SM Building Construction	2025															
Total Haul Trips	0															
Hauling	0	313	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	313	8	6.9	6.9	0.01	0.16	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	9.85
Worker	7	313	8	14.7	0	0.00	0.01	0.14	0.00	0.04	0.00	0.04	0.01	0.00	0.01	8.23

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
150 SM Building Construction	2026															
Total Haul Trips	0															
Hauling	0	188	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	188	8	6.9	6.9	0.01	0.16	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	5.81
Worker	7	188	8	14.7	0	0.00	0.01	0.13	0.00	0.04	0.00	0.04	0.01	0.00	0.01	4.79
150 SM Paving	2026															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0	0.00	0.02	0.28	0.00	0.09	0.00	0.09	0.02	0.00	0.03	2.13
150 SM Architectural Coating	2026															
Total Haul Trips	0															
Hauling	0	39	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	39	8	14.7	0	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.14
40 SM Site Preparation	2024															
Total Haul Trips	0															
Hauling	0	46	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	46	8	14.7	0	0.01	0.05	0.60	0.00	0.16	0.00	0.16	0.05	0.00	0.05	5.01
40 SM Building Construction	2024															
Total Haul Trips	0															
Hauling	0	267	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	267	8	6.9	6.9	0.00	0.11	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	5.69
Worker	5	267	8	14.7	0	0.00	0.01	0.11	0.00	0.03	0.00	0.03	0.01	0.00	0.01	5.19
40 SM Building Construction	2025															
Total Haul Trips	0															
Hauling	0	197	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	197	8	6.9	6.9	0.00	0.11	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	4.13
Worker	5	197	8	14.7	0	0.00	0.01	0.10	0.00	0.03	0.00	0.03	0.01	0.00	0.01	3.70
40 SM Paving	2025															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	35	8	14.7	0	0.00	0.03	0.30	0.00	0.09	0.00	0.09	0.02	0.00	0.03	1.97
40 SM Architectural Coating	2025															
Total Haul Trips	0															
Hauling	0	35	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	35	8	14.7	0	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.13
LTA B1-1 Paving	2025															
Total Haul Trips	0															
Hauling	0	4	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.02	0.00	0.02	0.15
LTA B1-2 Paving	2025															
Total Haul Trips	0															
Hauling	0	4	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.02	0.00	0.02	0.15
LTA B1-3 Paving	2025															
Total Haul Trips	0															
Hauling	0	24	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	24	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	24	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.02	0.00	0.02	0.90
LTA B1-4 Paving	2025															
Total Haul Trips	0															
Hauling	0	9	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.02	0.00	0.02	0.34
LTA B1-4 Paving	2025															
Total Haul Trips	0															
Hauling	0	9	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0	0.00	0.02	0.20	0.00	0.06	0.00	0.06	0.02	0.00	0.02	0.34
Phase 1- Demolition only	2021															
Total Haul Trips	975															
Hauling	4	313	8	15	15	0.01	0.37	0.12	0.00	0.03	0.00	0.03	0.01	0.00	0.01	28.80
Vendor	0	313	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	313	8	14.7	0	0.07	0.39	3.90	0.01	0.81	0.01	0.82	0.23	0.01	0.24	187.37
Phase 1- Demolition only	2022															
Total Haul Trips	244															
Hauling	4	78	8	15	15	0.01	0.37	0.12	0.00	0.03	0.00	0.03	0.01	0.00	0.01	7.07
Vendor	0	78	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	78	8	14.7	0	0.06	0.35	3.54	0.01	0.81	0.01	0.82	0.23	0.01	0.24	45.28
Phase 2- Demolition only	2025															
Total Haul Trips	1910															
Hauling	9	235	8	15	15	0.02	0.85	0.27	0.00	0.07	0.01	0.08	0.02	0.00	0.02	46.02
Vendor	0	235	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	235	8	14.7	0	0.04	0.25	2.79	0.01	0.81	0.01	0.81	0.23	0.01	0.24	123.62
Phase 3- Demolition only	2027															
Total Haul Trips	166															

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Downtown West San Jose Mixed Use Development

Mitigated Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	(MT/yr) Total CO2e
Hauling	2	104	8	15	15	0.00	0.19	0.06	0.00	0.02	0.00	0.02	0.00	0.00	0.00	4.37
Vendor	0	104	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	104	8	14.7	0	0.03	0.20	2.48	0.01	0.81	0.01	0.81	0.23	0.01	0.24	51.54
Phase 3- Demolition only	2028															
Total Haul Trips	80															
Hauling	2	50	8	15	15	0.00	0.19	0.06	0.00	0.02	0.00	0.02	0.00	0.00	0.00	2.06
Vendor	0	50	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	50	8	14.7	0	0.03	0.19	2.37	0.01	0.81	0.01	0.81	0.23	0.00	0.24	24.13
West San Fernando Bridge-Demolition and Ped Bridge	2022															
Total Haul Trips	500															
Hauling	5	105	8	15	15	0.01	0.46	0.15	0.00	0.04	0.00	0.04	0.01	0.00	0.01	11.90
Vendor	0	105	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	44	105	8	14.7	0	0.02	0.11	1.11	0.00	0.25	0.00	0.26	0.07	0.00	0.07	19.16
West San Fernando Bridge-Abutment/Bent Construction	2023															
Total Haul Trips	333															
Hauling	4	105	8	15	15	0.01	0.37	0.12	0.00	0.03	0.00	0.03	0.01	0.00	0.01	9.42
Vendor	0	105	8	6.9	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	105	8	14.7	0	0.01	0.04	0.46	0.00	0.12	0.00	0.12	0.03	0.00	0.03	8.43
West San Fernando Bridge-Superstructure	2023															
Total Haul Trips	0															
Hauling	0	77	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	6.9	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83
Worker	20	77	8	14.7	0	0.01	0.04	0.46	0.00	0.12	0.00	0.12	0.03	0.00	0.03	6.19
West San Fernando Bridge-Superstructure	2024															
Total Haul Trips	0															
Hauling	0	77	8	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	6.9	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82
Worker	20	77	8	14.7	0	0.01	0.04	0.43	0.00	0.12	0.00	0.12	0.03	0.00	0.03	5.99

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Excavation - Class I Haz	2021													
Total Haul Trips	2957													
Hauling	19	157	8	170	0.22	15.38	2.86	0.09	0.18	0.22	696.87	0.61	32.07	729.55
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.06	0.28	3.43	0.01	0.01	0.01	82.03	0.03	0.52	82.57
Excavation - Class I Haz	2022													
Total Haul Trips	5914													
Hauling	19	313	8	170	0.19	15.43	2.71	0.09	0.17	0.11	1369.20	1.11	62.96	1433.28
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.05	0.24	3.11	0.01	0.01	0.01	158.65	0.05	0.94	159.63
Excavation - Class I Haz	2023													
Total Haul Trips	5914													
Hauling	19	313	8	170	0.15	15.60	2.72	0.09	0.16	0.05	1359.32	1.12	62.51	1422.94
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.05	0.21	2.85	0.01	0.01	0.01	153.73	0.04	0.86	154.63
Excavation - Class I Haz	2024													
Total Haul Trips	2957													
Hauling	19	157	8	170	0.15	15.92	2.76	0.09	0.17	0.05	672.27	0.56	30.92	703.75
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.04	0.19	2.63	0.01	0.01	0.01	74.64	0.02	0.40	75.06
Excavation - Class I Haz	2025													
Total Haul Trips	1438													
Hauling	10	157	8	170	0.08	8.51	1.47	0.04	0.09	0.03	348.13	0.30	16.01	364.44
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.03	0.17	2.45	0.01	0.01	0.00	72.17	0.02	0.37	72.56
Excavation - Class I Haz	2026													
Total Haul Trips	2876													
Hauling	10	314	8	170	0.08	8.60	1.49	0.04	0.09	0.03	684.72	0.59	31.49	716.81
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0.03	0.15	2.31	0.01	0.01	0.00	139.98	0.03	0.70	140.70
Excavation - Class I Haz	2027													
Total Haul Trips	719													
Hauling	10	78	8	170	0.08	8.67	1.50	0.04	0.09	0.03	167.06	0.15	7.68	174.89
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	78	8	14.7	0.03	0.14	2.18	0.01	0.00	0.00	33.79	0.01	0.16	33.96
Excavation - Class I Haz	2029													
Total Haul Trips	5609													
Hauling	18	314	8	170	0.15	15.69	2.72	0.07	0.16	0.05	1158.89	1.04	53.30	1213.24
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0.02	0.11	1.99	0.01	0.00	0.00	129.29	0.02	0.60	129.92
Excavation - Class I Haz	2030													
Total Haul Trips	5714													
Hauling	19	313	8	170	0.16	16.64	2.87	0.08	0.16	0.05	1194.29	1.08	54.93	1250.31
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.02	0.11	1.92	0.01	0.00	0.00	126.06	0.02	0.58	126.66
Excavation - Class I Haz	2031													
Total Haul Trips	2857													
Hauling	19	156	8	170	0.16	16.73	2.87	0.08	0.16	0.05	584.15	0.53	26.87	611.55
Vendor	0	156	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	156	8	14.7	0.02	0.10	1.85	0.01	0.00	0.00	61.57	0.01	0.28	61.86
Excavation - Class II Non-Ha	2021													
Total Haul Trips	28251													
Hauling	180	157	8	15	0.19	12.85	2.39	0.07	0.15	0.19	582.52	0.51	26.81	609.84
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2022													
Total Haul Trips	56502													
Hauling	181	313	8	15	0.16	12.97	2.28	0.07	0.14	0.09	1150.89	0.94	52.92	1204.75
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2023													
Total Haul Trips	56502													
Hauling	181	313	8	15	0.13	13.12	2.28	0.07	0.14	0.04	1142.58	0.94	52.55	1196.07
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2024													
Total Haul Trips	28251													
Hauling	180	157	8	15	0.13	13.31	2.31	0.07	0.14	0.04	561.96	0.47	25.85	588.27
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2025													
Total Haul Trips	10567													
Hauling	68	157	8	15	0.05	5.10	0.88	0.03	0.05	0.02	208.88	0.18	9.61	218.66
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2026													
Total Haul Trips	21134													
Hauling	68	314	8	15	0.05	5.16	0.89	0.03	0.05	0.02	410.83	0.36	18.90	430.08
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
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2029Hauling Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
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2030Hauling Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Excavation - Class II Non-Ha	2027													
Total Haul Trips	5283													
Hauling	68	78	8	15	0.05	5.20	0.90	0.03	0.05	0.02	100.24	0.09	4.61	104.94
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	78	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2029													
Total Haul Trips	27459													
Hauling	88	314	8	15	0.06	6.77	1.17	0.03	0.07	0.02	499.91	0.45	22.99	523.36
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2030													
Total Haul Trips	27899													
Hauling	393	71	8	15	0.29	30.37	5.24	0.14	0.30	0.10	494.43	0.45	22.74	517.62
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	71	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2031													
Total Haul Trips	13949													
Hauling	85	165	8	15	0.06	6.60	1.13	0.03	0.06	0.02	243.89	0.22	11.22	255.33
Vendor	0	165	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	165	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Site Preparation	2027													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	90	65	8	14.7	0.02	0.10	1.60	0.01	0.00	0.00	20.60	0.00	0.10	20.71
A1- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	171	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	171	8	6.9	0.06	6.23	0.90	0.03	0.05	0.02	281.46	0.14	11.81	293.41
Worker	518	171	8	14.7	0.11	0.57	9.19	0.04	0.02	0.02	311.95	0.06	1.52	313.53
A1- Building Construction	2028													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	313	8	6.9	0.06	6.19	0.89	0.03	0.05	0.02	505.17	0.26	21.16	526.59
Worker	518	313	8	14.7	0.10	0.52	8.76	0.04	0.02	0.02	556.11	0.10	2.65	558.85
A1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	169	8	6.9	0.06	6.10	0.87	0.03	0.05	0.02	266.55	0.14	11.14	277.82
Worker	518	169	8	14.7	0.09	0.48	8.38	0.04	0.02	0.02	293.06	0.05	1.37	294.48
A1- Paving	2029													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	49	8	14.7	0.01	0.04	0.62	0.00	0.00	0.00	6.23	0.00	0.03	6.26
A2- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	104	49	8	14.7	0.02	0.10	1.68	0.01	0.00	0.00	17.06	0.00	0.08	17.14
B1- Site Preparation	2026													
Total Haul Trips	0													
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	88	63	8	14.7	0.02	0.11	1.65	0.01	0.00	0.00	20.09	0.00	0.10	20.20
B1 - Building Construction	2026													
Total Haul Trips	0													
Hauling	0	66	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	66	8	6.9	0.04	4.05	0.59	0.02	0.03	0.01	71.32	0.04	3.00	74.35
Worker	334	66	8	14.7	0.08	0.41	6.26	0.03	0.01	0.01	79.89	0.02	0.40	80.31
B1 - Building Construction	2027													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	313	8	6.9	0.04	4.01	0.58	0.02	0.03	0.01	331.55	0.17	13.92	345.64
Worker	334	313	8	14.7	0.07	0.37	5.93	0.03	0.01	0.01	368.17	0.07	1.79	370.03
B1 - Building Construction	2028													
Total Haul Trips	0													
Hauling	0	252	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	252	8	6.9	0.04	3.98	0.57	0.02	0.03	0.01	261.75	0.14	10.96	272.85
Worker	334	252	8	14.7	0.07	0.34	5.65	0.02	0.01	0.01	288.69	0.05	1.37	290.11
B1 - Paving	2029													
Total Haul Trips	0													
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	12	8	14.7	0.01	0.03	0.49	0.00	0.00	0.00	1.21	0.00	0.01	1.21
B1 - Paving	2028													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	35	8	14.7	0.01	0.03	0.51	0.00	0.00	0.00	3.60	0.00	0.02	3.62

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
B1- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	67	47	8	14.7	0.01	0.06	1.08	0.00	0.00	0.00	10.54	0.00	0.05	10.59
C1- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	115	65	8	14.7	0.02	0.11	1.86	0.01	0.00	0.00	25.02	0.00	0.12	25.14
C1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	39	8	6.9	0.04	3.86	0.55	0.02	0.03	0.01	38.98	0.02	1.63	40.63
Worker	859	39	8	14.7	0.15	0.80	13.90	0.06	0.03	0.03	112.15	0.02	0.52	112.69
C1- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	313	8	6.9	0.03	3.84	0.54	0.02	0.03	0.01	306.82	0.16	12.79	319.77
Worker	859	313	8	14.7	0.14	0.74	13.38	0.06	0.03	0.03	880.35	0.13	4.06	884.55
C1- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	299	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	299	8	6.9	0.03	3.83	0.54	0.02	0.03	0.01	288.04	0.15	11.99	300.17
Worker	859	299	8	14.7	0.12	0.69	12.91	0.06	0.03	0.02	824.21	0.11	3.76	828.08
C1- Paving	2031													
Total Haul Trips	0													
Hauling	0	29	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	29	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	29	8	14.7	0.00	0.02	0.38	0.00	0.00	0.00	2.33	0.00	0.01	2.34
C1- Paving	2032													
Total Haul Trips	0													
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	20	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	20	8	14.7	0.00	0.02	0.36	0.00	0.00	0.00	1.58	0.00	0.01	1.58
C1- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	172	49	8	14.7	0.02	0.13	2.51	0.01	0.00	0.00	26.56	0.00	0.12	26.68
C2- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	100	65	8	14.7	0.02	0.09	1.62	0.01	0.00	0.00	21.76	0.00	0.10	21.86
C2- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	170	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	170	8	6.9	0.03	3.35	0.48	0.02	0.03	0.01	147.34	0.08	6.16	153.57
Worker	286	170	8	14.7	0.05	0.27	4.63	0.02	0.01	0.01	162.76	0.03	0.76	163.55
C2- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	313	8	6.9	0.03	3.33	0.47	0.02	0.03	0.01	266.07	0.14	11.09	277.30
Worker	286	313	8	14.7	0.05	0.25	4.45	0.02	0.01	0.01	293.11	0.04	1.35	294.51
C2- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	169	8	6.9	0.03	3.32	0.47	0.02	0.03	0.01	141.18	0.07	5.88	147.13
Worker	286	169	8	14.7	0.04	0.23	4.30	0.02	0.01	0.01	155.11	0.02	0.71	155.83
C2- Paving	2031													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	49	8	14.7	0.00	0.02	0.45	0.00	0.00	0.00	4.72	0.00	0.02	4.74
C2- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	57	49	8	14.7	0.01	0.04	0.83	0.00	0.00	0.00	8.80	0.00	0.04	8.84
C3- Site Preparation	2030													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	35	53	8	14.7	0.01	0.03	0.54	0.00	0.00	0.00	6.07	0.00	0.03	6.10
C3- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	237	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	237	8	6.9	0.01	0.87	0.12	0.00	0.01	0.00	52.64	0.03	2.19	54.86
Worker	150	237	8	14.7	0.02	0.13	2.34	0.01	0.00	0.00	116.40	0.02	0.54	116.96

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
C3- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	289	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	289	8	6.9	0.01	0.87	0.12	0.00	0.01	0.00	63.08	0.03	2.62	65.73
Worker	150	289	8	14.7	0.02	0.12	2.25	0.01	0.00	0.00	139.11	0.02	0.63	139.76
C3- Paving	2031													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	39	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	1.63	0.00	0.01	1.63
C3- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	9	8	14.7	0.00	0.02	0.45	0.00	0.00	0.00	0.87	0.00	0.00	0.87
C3- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	30	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	8	14.7	0.00	0.02	0.44	0.00	0.00	0.00	2.84	0.00	0.01	2.85
D1-Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	33	53	8	14.7	0.01	0.03	0.53	0.00	0.00	0.00	5.86	0.00	0.03	5.88
D1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	260	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	260	8	6.9	0.02	1.69	0.24	0.01	0.01	0.01	113.68	0.06	4.75	118.49
Worker	366	260	8	14.7	0.06	0.34	5.92	0.03	0.01	0.01	318.56	0.05	1.49	320.10
D1- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	267	8	6.9	0.02	1.68	0.24	0.01	0.01	0.01	114.51	0.06	4.77	119.34
Worker	366	267	8	14.7	0.06	0.32	5.70	0.03	0.01	0.01	319.97	0.05	1.48	321.50
D1- Paving	2030													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.00	0.01	0.23	0.00	0.00	0.00	1.92	0.00	0.01	1.92
D1- Architectural Coating	2030													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	8	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	8	8	14.7	0.01	0.06	1.14	0.01	0.00	0.00	1.91	0.00	0.01	1.92
D1- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	31	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	31	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	31	8	14.7	0.01	0.06	1.10	0.01	0.00	0.00	7.26	0.00	0.03	7.30
D4- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	57	8	14.7	0.01	0.06	1.10	0.00	0.00	0.00	12.98	0.00	0.06	13.04
D4- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	183	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	183	8	6.9	0.03	3.71	0.53	0.02	0.03	0.01	175.75	0.09	7.34	183.18
Worker	315	183	8	14.7	0.06	0.29	5.10	0.02	0.01	0.01	192.98	0.03	0.90	193.91
D4- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	313	8	6.9	0.03	3.69	0.52	0.02	0.03	0.01	294.84	0.15	12.29	307.28
Worker	315	313	8	14.7	0.05	0.27	4.90	0.02	0.01	0.01	322.83	0.05	1.49	324.37
D4- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	72	8	6.9	0.03	3.68	0.52	0.02	0.03	0.01	66.65	0.03	2.77	69.46
Worker	315	72	8	14.7	0.04	0.25	4.73	0.02	0.01	0.01	72.78	0.01	0.33	73.12
D4- Paving	2031													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	43	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	2.76	0.00	0.01	2.77
D4- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	63	43	8	14.7	0.01	0.05	0.95	0.00	0.00	0.00	8.69	0.00	0.04	8.73

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
D5-D6- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	57	8	14.7	0.01	0.05	0.69	0.00	0.00	0.00	6.83	0.00	0.04	6.87
D5-D6- Building Constructio	2023													
Total Haul Trips	0													
Hauling	0	22	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	22	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	1.73	0.00	0.07	1.80
Worker	24	22	8	14.7	0.01	0.04	0.56	0.00	0.00	0.00	2.11	0.00	0.01	2.12
D5-D6- Building Constructio	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	24.24	0.01	1.02	25.28
Worker	24	313	8	14.7	0.01	0.04	0.51	0.00	0.00	0.00	29.04	0.01	0.16	29.20
D5-D6- Building Constructio	2025													
Total Haul Trips	0													
Hauling	0	234	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	234	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	17.82	0.01	0.75	18.58
Worker	24	234	8	14.7	0.01	0.03	0.48	0.00	0.00	0.00	20.99	0.00	0.11	21.10
D5-D6- Paving	2025													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	43	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	2.41	0.00	0.01	2.42
D5-D6- Architectural Coatin	2025													
Total Haul Trips	0													
Hauling	0	37	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	37	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	37	8	14.7	0.00	0.01	0.10	0.00	0.00	0.00	0.69	0.00	0.00	0.70
D5-D6- Architectural Coatin	2026													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	6	8	14.7	0.00	0.01	0.09	0.00	0.00	0.00	0.11	0.00	0.00	0.11
D7- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	59	8	14.7	0.01	0.06	0.96	0.00	0.00	0.00	10.58	0.00	0.05	10.64
D7- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	99	8	6.9	0.03	3.01	0.45	0.02	0.02	0.01	80.41	0.04	3.39	83.85
Worker	245	99	8	14.7	0.07	0.33	4.89	0.02	0.01	0.01	90.65	0.02	0.47	91.14
D7- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	313	8	6.9	0.03	2.99	0.44	0.02	0.02	0.01	249.76	0.13	10.50	260.39
Worker	245	313	8	14.7	0.06	0.30	4.59	0.02	0.01	0.01	277.93	0.06	1.39	279.37
D7- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	178	8	6.9	0.03	2.96	0.43	0.02	0.02	0.01	139.24	0.07	5.84	145.15
Worker	245	178	8	14.7	0.05	0.27	4.35	0.02	0.01	0.01	153.59	0.03	0.75	154.36
D7- Paving	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.00	0.02	0.27	0.00	0.00	0.00	2.32	0.00	0.01	2.34
D7- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	49	44	8	14.7	0.01	0.05	0.87	0.00	0.00	0.00	7.59	0.00	0.04	7.63
D8-D13- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	111	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	111	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	43	111	8	14.7	0.02	0.07	1.00	0.00	0.00	0.00	19.06	0.00	0.11	19.17
D8-D13- Building Construct	2023													
Total Haul Trips	0													
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	72	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	5.66	0.00	0.24	5.90
Worker	24	72	8	14.7	0.01	0.04	0.56	0.00	0.00	0.00	6.90	0.00	0.04	6.94
D8-D13- Building Construct	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	24.24	0.01	1.02	25.28
Worker	24	313	8	14.7	0.01	0.04	0.51	0.00	0.00	0.00	29.04	0.01	0.16	29.20

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
D8-D13- Building Construct	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	23.83	0.01	1.00	24.85
Worker	24	313	8	14.7	0.01	0.03	0.48	0.00	0.00	0.00	28.08	0.01	0.14	28.23
D8-D13- Building Construct	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	23.42	0.01	0.98	24.41
Worker	24	313	8	14.7	0.01	0.03	0.45	0.00	0.00	0.00	27.23	0.01	0.14	27.37
D8-D13- Building Construct	2027													
Total Haul Trips	0													
Hauling	0	101	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	101	8	6.9	0.00	0.28	0.04	0.00	0.00	0.00	7.41	0.00	0.31	7.72
Worker	24	101	8	14.7	0.01	0.03	0.43	0.00	0.00	0.00	8.54	0.00	0.04	8.58
D8-D13- Paving	2027													
Total Haul Trips	0													
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	83	8	14.7	0.00	0.02	0.27	0.00	0.00	0.00	4.38	0.00	0.02	4.41
D8-D13- Architectural Coati	2027													
Total Haul Trips	0													
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	83	8	14.7	0.00	0.01	0.09	0.00	0.00	0.00	1.46	0.00	0.01	1.47
E1.1- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	46	8	14.7	0.02	0.10	1.46	0.01	0.00	0.00	12.09	0.00	0.06	12.16
E1.1- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	267	8	6.9	0.03	3.08	0.47	0.02	0.02	0.01	225.20	0.11	9.51	234.83
Worker	630	267	8	14.7	0.20	0.95	13.49	0.05	0.03	0.03	650.19	0.15	3.48	653.82
E1.1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	197	8	6.9	0.03	3.07	0.46	0.02	0.02	0.01	163.35	0.08	6.89	170.32
Worker	630	197	8	14.7	0.18	0.85	12.57	0.05	0.03	0.03	463.85	0.10	2.39	466.34
E1.1- Paving	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	35	8	14.7	0.01	0.03	0.40	0.00	0.00	0.00	2.62	0.00	0.01	2.63
E1.1- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	126	35	8	14.7	0.04	0.17	2.51	0.01	0.01	0.01	16.48	0.00	0.08	16.57
E1.2- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	75	59	8	14.7	0.03	0.13	1.74	0.01	0.00	0.00	17.67	0.00	0.10	17.77
E1.2- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	20	8	6.9	0.06	5.77	0.92	0.03	0.04	0.02	32.14	0.02	1.36	33.52
Worker	470	20	8	14.7	0.18	0.81	10.88	0.04	0.02	0.02	37.53	0.01	0.21	37.75
E1.2- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	313	8	6.9	0.06	5.79	0.89	0.03	0.04	0.02	495.67	0.25	20.94	516.86
Worker	470	313	8	14.7	0.15	0.71	10.07	0.04	0.02	0.02	568.63	0.13	3.04	571.81
E1.2- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	257	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	257	8	6.9	0.06	5.76	0.86	0.03	0.04	0.02	400.11	0.20	16.87	417.18
Worker	470	257	8	14.7	0.13	0.63	9.38	0.04	0.02	0.02	451.44	0.10	2.32	453.86
E1.2- Paving	2025													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	44	8	14.7	0.01	0.05	0.76	0.00	0.00	0.00	6.25	0.00	0.03	6.28
E1.2- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	12	8	14.7	0.03	0.13	1.88	0.01	0.00	0.00	4.22	0.00	0.02	4.24

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022	Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023	Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024	Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025	Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026	Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027	Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028	Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029	Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030	Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031	Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032	Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
E1.2- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	32	8	14.7	0.02	0.11	1.76	0.01	0.00	0.00	10.90	0.00	0.05	10.96
F1-F2- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	110	61	8	14.7	0.04	0.17	2.36	0.01	0.00	0.00	25.94	0.01	0.14	26.08
F1-F2- Building Constructio	2024													
Total Haul Trips	0													
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	122	8	6.9	0.10	9.69	1.49	0.05	0.07	0.03	323.40	0.16	13.66	337.23
Worker	790	122	8	14.7	0.26	1.19	16.92	0.07	0.04	0.03	372.54	0.09	1.99	374.62
F1-F2- Building Constructio	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	313	8	6.9	0.09	9.65	1.44	0.05	0.07	0.03	815.68	0.42	34.39	850.49
Worker	790	313	8	14.7	0.22	1.06	15.76	0.06	0.03	0.03	924.15	0.20	4.76	929.11
F1-F2- Building Constructio	2026													
Total Haul Trips	0													
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	175	8	6.9	0.09	9.58	1.41	0.05	0.07	0.03	448.02	0.23	18.84	467.10
Worker	790	175	8	14.7	0.20	0.96	14.82	0.06	0.03	0.03	501.05	0.10	2.50	503.65
F1-F2- Paving	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	50	46	8	14.7	0.01	0.06	0.94	0.00	0.00	0.00	8.34	0.00	0.04	8.38
F1-F2- Architectural Coatin	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	158	46	8	14.7	0.04	0.19	2.96	0.01	0.01	0.01	26.34	0.01	0.13	26.48
F3- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	53	8	14.7	0.01	0.04	0.60	0.00	0.00	0.00	5.94	0.00	0.03	5.97
F3- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	210	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	210	8	6.9	0.05	4.64	0.69	0.03	0.04	0.02	262.97	0.13	11.09	274.19
Worker	379	210	8	14.7	0.11	0.51	7.56	0.03	0.02	0.02	297.46	0.06	1.53	299.06
F3- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.04	4.61	0.68	0.03	0.04	0.02	385.05	0.20	16.19	401.44
Worker	379	313	8	14.7	0.09	0.46	7.11	0.03	0.02	0.01	429.93	0.09	2.14	432.17
F3- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	4	8	6.9	0.04	4.56	0.66	0.02	0.04	0.02	4.82	0.00	0.20	5.03
Worker	379	4	8	14.7	0.08	0.42	6.72	0.03	0.01	0.01	5.34	0.00	0.03	5.37
F3- Paving	2027													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.00	0.02	0.27	0.00	0.00	0.00	2.06	0.00	0.01	2.07
F3- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	39	8	14.7	0.02	0.08	1.35	0.01	0.00	0.00	10.44	0.00	0.05	10.49
F4- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	61	8	14.7	0.01	0.06	0.81	0.00	0.00	0.00	8.96	0.00	0.05	9.01
F4- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	122	8	6.9	0.02	1.89	0.29	0.01	0.01	0.01	63.00	0.03	2.66	65.69
Worker	311	122	8	14.7	0.10	0.47	6.66	0.03	0.01	0.01	146.66	0.03	0.78	147.48
F4- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	313	8	6.9	0.02	1.88	0.28	0.01	0.01	0.01	158.90	0.08	6.70	165.68
Worker	311	313	8	14.7	0.09	0.42	6.21	0.03	0.01	0.01	363.81	0.08	1.87	365.76

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022	Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023	Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024	Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025	Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026	Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027	Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028	Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029	Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030	Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031	Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032	Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
F4- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	175	8	6.9	0.02	1.87	0.27	0.01	0.01	0.01	87.28	0.04	3.67	90.99
Worker	311	175	8	14.7	0.08	0.38	5.83	0.02	0.01	0.01	197.25	0.04	0.98	198.27
F4- Paving	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	46	8	14.7	0.00	0.02	0.28	0.00	0.00	0.00	2.50	0.00	0.01	2.51
F4- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	46	8	14.7	0.02	0.08	1.16	0.00	0.00	0.00	10.34	0.00	0.05	10.39
F5- Site Preparation	2022													
Total Haul Trips	0													
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0.01	0.06	0.76	0.00	0.00	0.00	8.78	0.00	0.05	8.83
F5- Building Construction	2022													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	8	8	6.9	0.02	0.59	0.11	0.00	0.01	0.01	1.02	0.00	0.04	1.06
Worker	37	8	8	14.7	0.02	0.07	0.94	0.00	0.00	0.00	1.22	0.00	0.01	1.23
F5- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.00	0.44	0.07	0.00	0.00	0.00	38.27	0.02	1.62	39.91
Worker	37	313	8	14.7	0.01	0.06	0.86	0.00	0.00	0.00	46.24	0.01	0.26	46.51
F5- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.00	0.44	0.07	0.00	0.00	0.00	37.71	0.02	1.59	39.33
Worker	37	313	8	14.7	0.01	0.06	0.79	0.00	0.00	0.00	44.76	0.01	0.24	45.01
F5- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	81	8	6.9	0.00	0.44	0.07	0.00	0.00	0.00	9.59	0.00	0.40	10.00
Worker	37	81	8	14.7	0.01	0.05	0.74	0.00	0.00	0.00	11.20	0.00	0.06	11.26
F5- Paving	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	3.03	0.00	0.02	3.04
F5- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	7	54	8	14.7	0.00	0.01	0.14	0.00	0.00	0.00	1.41	0.00	0.01	1.42
F6- Site Preparation	2022													
Total Haul Trips	0													
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0.01	0.06	0.76	0.00	0.00	0.00	8.78	0.00	0.05	8.83
F6- Building Construction	2022													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	8	8	6.9	0.05	1.70	0.31	0.01	0.02	0.02	2.92	0.00	0.12	3.04
Worker	257	8	8	14.7	0.11	0.50	6.50	0.02	0.01	0.01	8.47	0.00	0.05	8.53
F6- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.01	1.25	0.20	0.01	0.01	0.00	109.36	0.06	4.63	114.04
Worker	257	313	8	14.7	0.10	0.44	5.95	0.02	0.01	0.01	321.20	0.08	1.80	323.09
F6- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.01	1.26	0.19	0.01	0.01	0.00	107.75	0.05	4.55	112.36
Worker	257	313	8	14.7	0.08	0.39	5.50	0.02	0.01	0.01	310.93	0.07	1.66	312.67
F6- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	81	8	6.9	0.01	1.25	0.19	0.01	0.01	0.00	27.41	0.01	1.16	28.58
Worker	257	81	8	14.7	0.07	0.35	5.13	0.02	0.01	0.01	77.80	0.02	0.40	78.22
F6- Paving	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	3.03	0.00	0.02	3.04

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
F6- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	51	54	8	14.7	0.01	0.07	1.02	0.00	0.00	0.00	10.29	0.00	0.05	10.35
G1- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0.01	0.05	0.76	0.00	0.00	0.00	8.38	0.00	0.04	8.42
G1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	225	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	225	8	6.9	0.05	4.64	0.69	0.03	0.04	0.02	281.75	0.14	11.88	293.78
Worker	379	225	8	14.7	0.11	0.51	7.56	0.03	0.02	0.02	318.71	0.07	1.64	320.42
G1- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.04	4.61	0.68	0.03	0.04	0.02	385.05	0.20	16.19	401.44
Worker	379	313	8	14.7	0.09	0.46	7.11	0.03	0.02	0.01	429.93	0.09	2.14	432.17
G1- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	50	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	50	8	6.9	0.04	4.56	0.66	0.02	0.04	0.02	60.30	0.03	2.53	62.86
Worker	379	50	8	14.7	0.08	0.42	6.72	0.03	0.01	0.01	66.74	0.01	0.32	67.07
G1- Paving	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.00	0.02	0.27	0.00	0.00	0.00	2.32	0.00	0.01	2.34
G1- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	44	8	14.7	0.02	0.08	1.35	0.01	0.00	0.00	11.78	0.00	0.06	11.84
H1- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0.01	0.06	0.81	0.00	0.00	0.00	8.67	0.00	0.05	8.71
H1- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	99	8	6.9	0.01	1.48	0.23	0.01	0.01	0.00	40.05	0.02	1.69	41.76
Worker	312	99	8	14.7	0.10	0.47	6.68	0.03	0.01	0.01	119.39	0.03	0.64	120.06
H1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	313	8	6.9	0.01	1.47	0.22	0.01	0.01	0.00	124.47	0.06	5.25	129.78
Worker	312	313	8	14.7	0.09	0.42	6.23	0.03	0.01	0.01	364.98	0.08	1.88	366.94
H1- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	178	8	6.9	0.01	1.46	0.21	0.01	0.01	0.00	69.54	0.04	2.92	72.50
Worker	312	178	8	14.7	0.08	0.38	5.85	0.02	0.01	0.01	201.28	0.04	1.00	202.32
H1- Paving	2026													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.00	0.02	0.28	0.00	0.00	0.00	2.39	0.00	0.01	2.40
H1- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	44	8	14.7	0.02	0.08	1.16	0.00	0.00	0.00	9.89	0.00	0.05	9.94
H2- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	51	8	14.7	0.01	0.03	0.49	0.00	0.00	0.00	5.12	0.00	0.02	5.15
H2- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	263	8	6.9	0.01	1.12	0.16	0.01	0.01	0.00	75.98	0.04	3.17	79.19
Worker	241	263	8	14.7	0.04	0.22	3.90	0.02	0.01	0.01	212.18	0.03	0.99	213.21
H2- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	242	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	242	8	6.9	0.01	1.11	0.16	0.01	0.01	0.00	68.57	0.04	2.86	71.47
Worker	241	242	8	14.7	0.04	0.21	3.75	0.02	0.01	0.01	190.96	0.03	0.88	191.87

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
H2- Paving	2030													
Total Haul Trips	0													
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	38	8	6.9	0.01	1.11	0.16	0.01	0.01	0.00	10.77	0.01	0.45	11.22
Worker	241	38	8	14.7	0.04	0.21	3.75	0.02	0.01	0.01	29.99	0.00	0.14	30.13
H2- Architectural Coating	2030													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	32	8	14.7	0.00	0.01	0.23	0.00	0.00	0.00	1.57	0.00	0.01	1.58
H2- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	6	8	14.7	0.01	0.04	0.72	0.00	0.00	0.00	0.92	0.00	0.00	0.93
H3- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	80	63	8	14.7	0.02	0.11	1.60	0.01	0.00	0.00	18.84	0.00	0.10	18.94
H3- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	105	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	105	8	6.9	0.04	4.32	0.65	0.02	0.03	0.01	122.60	0.06	5.17	127.83
Worker	865	105	8	14.7	0.24	1.16	17.26	0.07	0.04	0.03	339.45	0.07	1.75	341.27
H3- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	313	8	6.9	0.04	4.29	0.63	0.02	0.03	0.01	359.03	0.18	15.10	374.32
Worker	865	313	8	14.7	0.22	1.05	16.22	0.07	0.04	0.03	981.25	0.20	4.89	986.34
H3- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	214	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	214	8	6.9	0.04	4.26	0.62	0.02	0.03	0.01	240.63	0.12	10.10	250.86
Worker	865	214	8	14.7	0.19	0.95	15.35	0.07	0.03	0.03	651.92	0.12	3.17	655.21
H3- Paving	2027													
Total Haul Trips	0													
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	47	8	14.7	0.01	0.03	0.44	0.00	0.00	0.00	4.14	0.00	0.02	4.16
H3- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	42	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	42	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	42	8	14.7	0.04	0.19	3.07	0.01	0.01	0.01	25.59	0.00	0.12	25.72
H3- Architectural Coating	2028													
Total Haul Trips	0													
Hauling	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	5	8	14.7	0.03	0.17	2.92	0.01	0.01	0.01	2.97	0.00	0.01	2.98
H4- Site Preparation	2027													
Total Haul Trips	0													
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	51	8	14.7	0.01	0.04	0.67	0.00	0.00	0.00	6.83	0.00	0.03	6.86
H4- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	263	8	6.9	0.02	2.00	0.29	0.01	0.02	0.01	139.29	0.07	5.85	145.21
Worker	425	263	8	14.7	0.09	0.47	7.54	0.03	0.02	0.02	393.65	0.07	1.91	395.63
H4- Building Construction	2028													
Total Haul Trips	0													
Hauling	0	243	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	243	8	6.9	0.02	1.99	0.29	0.01	0.02	0.01	126.20	0.07	5.29	131.55
Worker	425	243	8	14.7	0.08	0.43	7.19	0.03	0.02	0.01	354.23	0.06	1.69	355.97
H4- Paving	2028													
Total Haul Trips	0													
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	38	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	38	8	14.7	0.00	0.02	0.25	0.00	0.00	0.00	1.96	0.00	0.01	1.96
H4- Architectural Coating	2028													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	6	8	14.7	0.02	0.09	1.44	0.01	0.00	0.00	1.75	0.00	0.01	1.76
H4- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	32	8	14.7	0.01	0.08	1.38	0.01	0.00	0.00	9.11	0.00	0.04	9.15

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor	Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker	Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling	Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor	Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker	Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling	Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor	Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker	Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling	Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor	Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker	Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling	Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor	Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker	Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling	Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor	Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker	Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling	Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor	Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker	Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling	Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor	Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker	Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling	Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor	Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker	Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling	Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor	Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker	Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling	Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor	Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker	Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling	Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor	Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker	Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP		N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
150 SM Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	53	8	14.7	0.01	0.04	0.60	0.00	0.00	0.00	5.74	0.00	0.03	5.77
150 SM Building Constructi	2024													
Total Haul Trips	0													
Hauling	0	26	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	26	8	6.9	0.00	0.09	0.01	0.00	0.00	0.00	0.67	0.00	0.03	0.70
Worker	7	26	8	14.7	0.00	0.01	0.15	0.00	0.00	0.00	0.70	0.00	0.00	0.71
150 SM Building Constructi	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	313	8	6.9	0.00	0.09	0.01	0.00	0.00	0.00	7.94	0.00	0.33	8.28
Worker	7	313	8	14.7	0.00	0.01	0.14	0.00	0.00	0.00	8.19	0.00	0.04	8.23
150 SM Building Constructi	2026													
Total Haul Trips	0													
Hauling	0	188	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	188	8	6.9	0.00	0.09	0.01	0.00	0.00	0.00	4.69	0.00	0.20	4.89
Worker	7	188	8	14.7	0.00	0.01	0.13	0.00	0.00	0.00	4.77	0.00	0.02	4.79
150 SM Paving	2026													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.00	0.02	0.28	0.00	0.00	0.00	2.12	0.00	0.01	2.13
150 SM Architectural Coati	2026													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	39	8	14.7	0.00	0.00	0.02	0.00	0.00	0.00	0.14	0.00	0.00	0.14
40 SM Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	46	8	14.7	0.01	0.04	0.60	0.00	0.00	0.00	4.98	0.00	0.03	5.01
40 SM Building Constructio	2024													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	267	8	6.9	0.00	0.06	0.01	0.00	0.00	0.00	4.60	0.00	0.19	4.79
Worker	5	267	8	14.7	0.00	0.01	0.11	0.00	0.00	0.00	5.16	0.00	0.03	5.19
40 SM Building Constructio	2025													
Total Haul Trips	0													
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	197	8	6.9	0.00	0.06	0.01	0.00	0.00	0.00	3.33	0.00	0.14	3.48
Worker	5	197	8	14.7	0.00	0.01	0.10	0.00	0.00	0.00	3.68	0.00	0.02	3.70
40 SM Paving	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	35	8	14.7	0.00	0.02	0.30	0.00	0.00	0.00	1.96	0.00	0.01	1.97
40 SM Architectural Coatin	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	35	8	14.7	0.00	0.00	0.02	0.00	0.00	0.00	0.13	0.00	0.00	0.13
LTA B1-1 Paving	2025													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.15	0.00	0.00	0.15
LTA B1-2 Paving	2025													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.15	0.00	0.00	0.15
LTA B1-3 Paving	2025													
Total Haul Trips	0													
Hauling	0	24	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	24	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	24	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.90	0.00	0.00	0.90
LTA B1-4 Paving	2025													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.34	0.00	0.00	0.34
LTA B1-4 Paving	2025													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0.00	0.01	0.20	0.00	0.00	0.00	0.34	0.00	0.00	0.34

Downtown West San Jose Mixed Use Development
Mitigated Running Emissions

		Running Emissions Factor (grams/mile)						Running Emissions Factor (grams/mile)		
	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling Hauling	0.03155392	2.159510809	0.40225861	0.01254908	0.02550597	0.03108162	1374.20313	0.04790295	0.21806235
2021Vendor Vendor	0.16457836	3.503981718	0.71729074	0.01265021	0.06776157	0.05136959	1356.21802	0.03287227	0.1996882
2021Worker Worker	0.01552748	0.069837275	0.85944724	0.0028588	0.00163431	0.00150496	288.956749	0.00371208	0.00631878
2022Hauling Hauling	0.02657769	2.166194837	0.38049093	0.01239835	0.02367797	0.0148516	1354.31861	0.04403225	0.21475249
2022Vendor Vendor	0.08849021	2.785817464	0.50486534	0.01231672	0.03591681	0.02502165	1320.98235	0.02911247	0.19378514
2022Worker Worker	0.01333715	0.060584791	0.78045593	0.00277338	0.00154524	0.00142283	280.325363	0.00323474	0.00574097
2023Hauling Hauling	0.02127203	2.191335866	0.38155153	0.0123054	0.0228775	0.00671212	1344.53966	0.04413323	0.21321589
2023Vendor Vendor	0.02141562	2.062497197	0.32837983	0.01179635	0.0158129	0.00667992	1265.87044	0.02573423	0.18479343
2023Worker Worker	0.01149278	0.052898605	0.71453268	0.00268737	0.00146637	0.00135009	271.634935	0.00283082	0.00525361
2024Hauling Hauling	0.02157299	2.236116226	0.38756982	0.01212945	0.02338297	0.00706033	1325.68822	0.04430548	0.21024081
2024Vendor Vendor	0.02074256	2.067179621	0.31695327	0.0116224	0.01597986	0.00688643	1247.32782	0.02540179	0.18172797
2024Worker Worker	0.00997291	0.046625986	0.66091556	0.00260143	0.00139625	0.00128538	262.950171	0.0024931	0.00484737
2025Hauling Hauling	0.02178333	2.269504049	0.39292056	0.01193081	0.02358116	0.00713748	1304.35367	0.04441896	0.20687085
2025Vendor Vendor	0.02013489	2.059590697	0.30793337	0.01142498	0.01599665	0.00694469	1226.24384	0.02509444	0.17825532
2025Worker Worker	0.00870814	0.041522845	0.61566971	0.0025153	0.00133593	0.00122975	254.246177	0.00220697	0.00451121
2026Hauling Hauling	0.02192589	2.294187753	0.39720788	0.01173043	0.02362299	0.0072095	1282.72868	0.04442888	0.20345059
2026Vendor Vendor	0.0195797	2.045584705	0.30051553	0.01122349	0.01592877	0.00698081	1204.654	0.02478258	0.17470025
2026Worker Worker	0.00767019	0.037427385	0.5787078	0.00243913	0.00127296	0.00117168	246.548181	0.00197074	0.00424091
2027Hauling Hauling	0.02203355	2.314492505	0.39972433	0.01152211	0.02358826	0.00725769	1259.91299	0.04409182	0.19982796
2027Vendor Vendor	0.01908207	2.027447043	0.2936577	0.01100314	0.01582062	0.00699409	1180.90334	0.02433383	0.17091182
2027Worker Worker	0.00678746	0.033894506	0.54750261	0.00237015	0.00120137	0.00110564	239.577303	0.00176953	0.00401599
2028Hauling Hauling	0.02212924	2.333038739	0.4022636	0.01130813	0.02349703	0.00733725	1236.52881	0.04379462	0.19611766
2028Vendor Vendor	0.01866488	2.0128807	0.2882565	0.01079051	0.01570534	0.00703177	1157.96849	0.02396235	0.16722684
2028Worker Worker	0.00605768	0.031105479	0.52168361	0.00230832	0.00112578	0.00103602	233.328388	0.00160121	0.00383042
2029Hauling Hauling	0.02208289	2.325577904	0.4026562	0.01102864	0.02319931	0.00742815	1206.1246	0.04339504	0.19130027
2029Vendor Vendor	0.01823047	1.984435765	0.28285149	0.01054563	0.01550425	0.00707243	1131.58161	0.02355346	0.16302138
2029Worker Worker	0.0054239	0.028714256	0.49941734	0.00225293	0.00105462	0.00097052	227.731157	0.00145487	0.00367412
2030Hauling Hauling	0.02213735	2.337008589	0.40330831	0.01080324	0.02310352	0.00752603	1181.31107	0.0428437	0.18735623
2030Vendor Vendor	0.01792905	1.972839282	0.27906943	0.01034584	0.015398	0.00711086	1109.898	0.02310741	0.15957121
2030Worker Worker	0.0048808	0.026648189	0.48046441	0.00220357	0.00098788	0.0009091	222.742412	0.00132895	0.00354271
2031Hauling Hauling	0.02219104	2.349166635	0.40356485	0.01060401	0.02308092	0.00761614	1159.30107	0.04232466	0.18385441
2031Vendor Vendor	0.01768915	1.965078489	0.2762513	0.0101696	0.01532851	0.00714288	1090.72607	0.02270976	0.15651774
2031Worker Worker	0.00440115	0.024830201	0.46378112	0.00215963	0.00092562	0.00085181	218.301206	0.0012178	0.00342972
2032Hauling Hauling	0.02224724	2.361398041	0.4037915	0.010434	0.023078	0.00766708	1140.43552	0.04183672	0.18084977
2032Vendor Vendor	0.01750223	1.959824242	0.27422666	0.01001611	0.01527369	0.0071572	1073.99516	0.02233388	0.15387103
2032Worker Worker	0.00399219	0.023345059	0.44964327	0.00212079	0.00086825	0.00079902	214.375993	0.00112273	0.0033376
GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Phase 1- Demolition only	2021													
Total Haul Trips	975													
Hauling	4	313	8	15	0.00	0.29	0.05	0.00	0.00	0.00	25.81	0.02	1.19	27.02
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	313	8	14.7	0.07	0.32	3.90	0.01	0.01	0.01	186.13	0.06	1.18	187.37
Phase 1- Demolition only	2022													
Total Haul Trips	244													
Hauling	4	78	8	15	0.00	0.29	0.05	0.00	0.00	0.00	6.34	0.01	0.29	6.63
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	78	8	14.7	0.06	0.27	3.54	0.01	0.01	0.01	45.00	0.01	0.27	45.28
Phase 2- Demolition only	2025													
Total Haul Trips	1910													
Hauling	9	235	8	15	0.01	0.68	0.12	0.00	0.01	0.00	41.38	0.04	1.90	43.32
Vendor	0	235	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	235	8	14.7	0.04	0.19	2.79	0.01	0.01	0.01	122.96	0.03	0.63	123.62
Phase 3- Demolition only	2027													
Total Haul Trips	166													
Hauling	2	104	8	15	0.00	0.15	0.03	0.00	0.00	0.00	3.93	0.00	0.18	4.12
Vendor	0	104	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	104	8	14.7	0.03	0.15	2.48	0.01	0.01	0.01	51.28	0.01	0.25	51.54
Phase 3- Demolition only	2028													
Total Haul Trips	80													
Hauling	2	50	8	15	0.00	0.15	0.03	0.00	0.00	0.00	1.85	0.00	0.09	1.94
Vendor	0	50	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	50	8	14.7	0.03	0.14	2.37	0.01	0.01	0.00	24.01	0.00	0.11	24.13
West San Fernando Bridge- Demolition and Ped Bridge	2022													
Total Haul Trips	500													
Hauling	5	105	8	15	0.00	0.36	0.06	0.00	0.00	0.00	10.67	0.01	0.49	11.16
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	44	105	8	14.7	0.02	0.09	1.11	0.00	0.00	0.00	19.04	0.01	0.11	19.16
West San Fernando Bridge- Abutment/Bent Construction	2023													
Total Haul Trips	333													
Hauling	4	105	8	15	0.00	0.29	0.05	0.00	0.00	0.00	8.47	0.01	0.39	8.87
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	105	8	14.7	0.01	0.03	0.46	0.00	0.00	0.00	8.39	0.00	0.05	8.43
West San Fernando Bridge- Superstructure	2023													
Total Haul Trips	0													
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.03	0.00	0.00	0.00	0.00	0.67	0.00	0.03	0.70
Worker	20	77	8	14.7	0.01	0.03	0.46	0.00	0.00	0.00	6.15	0.00	0.03	6.19
West San Fernando Bridge- Superstructure	2024													
Total Haul Trips	0													
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.03	0.00	0.00	0.00	0.00	0.66	0.00	0.03	0.69
Worker	20	77	8	14.7	0.01	0.03	0.43	0.00	0.00	0.00	5.95	0.00	0.03	5.99

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

	Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021Vendor Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021Worker Worker	0	0	0	0	0	0	0	0	0
2022Hauling Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022Vendor Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022Worker Worker	0	0	0	0	0	0	0	0	0
2023Hauling Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023Vendor Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023Worker Worker	0	0	0	0	0	0	0	0	0
2024Hauling Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024Vendor Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.0594052	0.0367068
2024Worker Worker	0	0	0	0	0	0	0	0	0
2025Hauling Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025Vendor Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025Worker Worker	0	0	0	0	0	0	0	0	0
2026Hauling Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026Vendor Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026Worker Worker	0	0	0	0	0	0	0	0	0
2027Hauling Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027Vendor Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027Worker Worker	0	0	0	0	0	0	0	0	0
2028Hauling Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028Vendor Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028Worker Worker	0	0	0	0	0	0	0	0	0
2029Hauling Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029Vendor Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029Worker Worker	0	0	0	0	0	0	0	0	0
2030Hauling Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030Vendor Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030Worker Worker	0	0	0	0	0	0	0	0	0
2031Hauling Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031Vendor Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031Worker Worker	0	0	0	0	0	0	0	0	0
2032Hauling Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032Vendor Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032Worker Worker	0	0	0	0	0	0	0	0	0
GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
Excavation - Class I Haz	2021													
Total Haul Trips	2957													
Hauling	19	157	8	15	0.02	0.30	0.32	0.00	0.00	0.00	4.06	0.00	0.19	4.25
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2022													
Total Haul Trips	5914													
Hauling	19	313	8	15	0.02	0.29	0.32	0.00	0.00	0.00	7.93	0.01	0.36	8.30
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2023													
Total Haul Trips	5914													
Hauling	19	313	8	15	0.02	0.27	0.32	0.00	0.00	0.00	7.49	0.00	0.34	7.84
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2024													
Total Haul Trips	2957													
Hauling	19	157	8	15	0.02	0.26	0.32	0.00	0.00	0.00	3.70	0.00	0.17	3.87
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2025													
Total Haul Trips	1438													
Hauling	10	157	8	15	0.01	0.14	0.17	0.00	0.00	0.00	1.91	0.00	0.09	2.00
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2026													
Total Haul Trips	2876													
Hauling	10	314	8	15	0.01	0.14	0.17	0.00	0.00	0.00	3.76	0.00	0.17	3.93
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2027													
Total Haul Trips	719													
Hauling	10	78	8	15	0.01	0.14	0.17	0.00	0.00	0.00	0.92	0.00	0.04	0.96
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	78	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2029													
Total Haul Trips	5609													
Hauling	18	314	8	15	0.02	0.24	0.30	0.00	0.00	0.00	6.34	0.00	0.29	6.63
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2030													
Total Haul Trips	5714													
Hauling	19	313	8	15	0.02	0.26	0.31	0.00	0.00	0.00	6.52	0.00	0.30	6.82
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class I Haz	2031													
Total Haul Trips	2857													
Hauling	19	156	8	15	0.02	0.26	0.31	0.00	0.00	0.00	3.19	0.00	0.15	3.34
Vendor	0	156	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	156	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2021													
Total Haul Trips	28251													
Hauling	180	157	8	15	0.22	2.80	3.05	0.00	0.00	0.00	38.43	0.03	1.76	40.22
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2022													
Total Haul Trips	56502													
Hauling	181	313	8	15	0.21	2.75	3.07	0.00	0.00	0.00	75.58	0.05	3.47	79.10
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2023													
Total Haul Trips	56502													
Hauling	181	313	8	15	0.20	2.54	3.06	0.00	0.00	0.00	71.37	0.05	3.28	74.70
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2024													
Total Haul Trips	28251													
Hauling	180	157	8	15	0.20	2.51	3.04	0.00	0.00	0.00	35.04	0.02	1.61	36.67
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2025													
Total Haul Trips	10567													
Hauling	68	157	8	15	0.08	0.94	1.14	0.00	0.00	0.00	13.01	0.01	0.60	13.61
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2026													
Total Haul Trips	21134													
Hauling	68	314	8	15	0.08	0.94	1.14	0.00	0.00	0.00	25.55	0.02	1.17	26.74
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021Vendor	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021Worker	Worker	0	0	0	0	0	0	0	0	0
2022Hauling	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022Vendor	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022Worker	Worker	0	0	0	0	0	0	0	0	0
2023Hauling	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023Vendor	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023Worker	Worker	0	0	0	0	0	0	0	0	0
2024Hauling	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024Vendor	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024Worker	Worker	0	0	0	0	0	0	0	0	0
2025Hauling	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025Vendor	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025Worker	Worker	0	0	0	0	0	0	0	0	0
2026Hauling	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026Vendor	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026Worker	Worker	0	0	0	0	0	0	0	0	0
2027Hauling	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027Vendor	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027Worker	Worker	0	0	0	0	0	0	0	0	0
2028Hauling	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028Vendor	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028Worker	Worker	0	0	0	0	0	0	0	0	0
2029Hauling	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029Vendor	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029Worker	Worker	0	0	0	0	0	0	0	0	0
2030Hauling	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030Vendor	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030Worker	Worker	0	0	0	0	0	0	0	0	0
2031Hauling	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031Vendor	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031Worker	Worker	0	0	0	0	0	0	0	0	0
2032Hauling	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032Vendor	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032Worker	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
Excavation - Class II Non-Ha	2027													
Total Haul Trips	5283													
Hauling	68	78	8	15	0.08	0.94	1.14	0.00	0.00	0.00	6.23	0.00	0.29	6.52
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	78	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2029													
Total Haul Trips	27459													
Hauling	88	314	8	15	0.10	1.19	1.46	0.00	0.00	0.00	30.99	0.02	1.42	32.43
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2030													
Total Haul Trips	27899													
Hauling	393	71	8	15	0.43	5.30	6.51	0.01	0.00	0.00	30.59	0.02	1.41	32.02
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	71	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2031													
Total Haul Trips	13949													
Hauling	85	165	8	15	0.09	1.14	1.41	0.00	0.00	0.00	15.10	0.01	0.69	15.81
Vendor	0	165	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	165	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Site Preparation	2027													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	90	65	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	171	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	171	8	6.9	0.29	3.67	4.34	0.01	0.00	0.00	53.29	0.04	2.43	55.75
Worker	518	171	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Building Construction	2028													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	313	8	6.9	0.29	3.66	4.36	0.01	0.00	0.00	96.00	0.07	4.37	100.44
Worker	518	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	169	8	6.9	0.29	3.61	4.34	0.01	0.00	0.00	50.49	0.04	2.30	52.82
Worker	518	169	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A1- Paving	2029													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A2- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	104	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1- Site Preparation	2026													
Total Haul Trips	0													
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	88	63	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1 - Building Construction	2026													
Total Haul Trips	0													
Hauling	0	66	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	66	8	6.9	0.18	2.37	2.79	0.00	0.00	0.00	13.44	0.01	0.61	14.06
Worker	334	66	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1 - Building Construction	2027													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	313	8	6.9	0.18	2.36	2.80	0.00	0.00	0.00	62.78	0.04	2.86	65.68
Worker	334	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1 - Building Construction	2028													
Total Haul Trips	0													
Hauling	0	252	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	252	8	6.9	0.18	2.35	2.81	0.00	0.00	0.00	49.74	0.03	2.26	52.04
Worker	334	252	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1 - Paving	2029													
Total Haul Trips	0													
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	12	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1 - Paving	2028													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
B1- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	67	47	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	115	65	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	39	8	6.9	0.18	2.29	2.75	0.00	0.00	0.00	7.38	0.01	0.34	7.72
Worker	859	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	313	8	6.9	0.18	2.27	2.75	0.00	0.00	0.00	58.01	0.04	2.64	60.69
Worker	859	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	299	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	299	8	6.9	0.18	2.27	2.75	0.00	0.00	0.00	54.53	0.04	2.48	57.05
Worker	859	299	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Paving	2031													
Total Haul Trips	0													
Hauling	0	29	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	29	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	29	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Paving	2032													
Total Haul Trips	0													
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	20	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	20	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	172	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	100	65	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	170	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	170	8	6.9	0.16	1.99	2.38	0.00	0.00	0.00	27.91	0.02	1.27	29.20
Worker	286	170	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	313	8	6.9	0.16	1.97	2.38	0.00	0.00	0.00	50.30	0.04	2.29	52.63
Worker	286	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	169	8	6.9	0.16	1.97	2.39	0.00	0.00	0.00	26.73	0.02	1.22	27.96
Worker	286	169	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Paving	2031													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	57	49	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Site Preparation	2030													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	35	53	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	237	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	237	8	6.9	0.04	0.52	0.62	0.00	0.00	0.00	9.95	0.01	0.45	10.41
Worker	150	237	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
C3- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	289	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	289	8	6.9	0.04	0.51	0.62	0.00	0.00	0.00	11.94	0.01	0.54	12.49
Worker	150	289	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Paving	2031													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3- Architectural Coating	2032													
Total Haul Trips	0													
Hauling	0	30	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1-Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	33	53	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	260	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	260	8	6.9	0.08	1.00	1.20	0.00	0.00	0.00	21.53	0.01	0.98	22.53
Worker	366	260	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	267	8	6.9	0.08	0.99	1.20	0.00	0.00	0.00	21.65	0.02	0.99	22.65
Worker	366	267	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1- Paving	2030													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1- Architectural Coating	2030													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	8	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	8	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D1- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	31	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	31	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	31	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	57	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	183	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	183	8	6.9	0.17	2.20	2.64	0.00	0.00	0.00	33.29	0.02	1.52	34.83
Worker	315	183	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	313	8	6.9	0.17	2.19	2.64	0.00	0.00	0.00	55.74	0.04	2.54	58.32
Worker	315	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Building Construction	2031													
Total Haul Trips	0													
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	72	8	6.9	0.17	2.18	2.64	0.00	0.00	0.00	12.62	0.01	0.57	13.20
Worker	315	72	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Paving	2031													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	43	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D4- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	63	43	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
D5-D6- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	57	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Building Constructio	2023													
Total Haul Trips	0													
Hauling	0	22	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	22	8	6.9	0.01	0.17	0.19	0.00	0.00	0.00	0.32	0.00	0.01	0.34
Worker	24	22	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Building Constructio	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.01	0.17	0.19	0.00	0.00	0.00	4.55	0.00	0.21	4.76
Worker	24	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Building Constructio	2025													
Total Haul Trips	0													
Hauling	0	234	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	234	8	6.9	0.01	0.16	0.19	0.00	0.00	0.00	3.35	0.00	0.15	3.50
Worker	24	234	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Paving	2025													
Total Haul Trips	0													
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	43	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Architectural Coatin	2025													
Total Haul Trips	0													
Hauling	0	37	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	37	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	37	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D5-D6- Architectural Coatin	2026													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	59	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	99	8	6.9	0.14	1.76	2.05	0.00	0.00	0.00	15.11	0.01	0.69	15.81
Worker	245	99	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	313	8	6.9	0.14	1.75	2.06	0.00	0.00	0.00	47.07	0.03	2.14	49.24
Worker	245	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	178	8	6.9	0.14	1.74	2.06	0.00	0.00	0.00	26.36	0.02	1.20	27.58
Worker	245	178	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Paving	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D7- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	49	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	111	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	111	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	43	111	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Building Construct	2023													
Total Haul Trips	0													
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	72	8	6.9	0.01	0.17	0.19	0.00	0.00	0.00	1.06	0.00	0.05	1.11
Worker	24	72	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Building Construct	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.01	0.17	0.19	0.00	0.00	0.00	4.55	0.00	0.21	4.76
Worker	24	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
D8-D13- Building Construct	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.01	0.16	0.19	0.00	0.00	0.00	4.48	0.00	0.20	4.69
Worker	24	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Building Construct	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.01	0.16	0.19	0.00	0.00	0.00	4.41	0.00	0.20	4.62
Worker	24	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Building Construct	2027													
Total Haul Trips	0													
Hauling	0	101	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	101	8	6.9	0.01	0.16	0.19	0.00	0.00	0.00	1.40	0.00	0.06	1.47
Worker	24	101	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Paving	2027													
Total Haul Trips	0													
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	83	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D8-D13- Architectural Coati	2027													
Total Haul Trips	0													
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	83	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	267	8	6.9	0.14	1.81	2.09	0.00	0.00	0.00	42.22	0.03	1.92	44.17
Worker	630	267	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	197	8	6.9	0.14	1.79	2.09	0.00	0.00	0.00	30.70	0.02	1.40	32.11
Worker	630	197	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Paving	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.1- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	126	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Site Preparation	2023													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	75	59	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	20	8	6.9	0.26	3.42	3.92	0.01	0.00	0.00	6.02	0.00	0.27	6.30
Worker	470	20	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	313	8	6.9	0.26	3.39	3.92	0.01	0.00	0.00	92.93	0.06	4.23	97.22
Worker	470	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	257	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	257	8	6.9	0.26	3.37	3.93	0.01	0.00	0.00	75.19	0.05	3.42	78.66
Worker	470	257	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Paving	2025													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E1.2- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	12	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
E1.2- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	32	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	110	61	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Building Constructio	2024													
Total Haul Trips	0													
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	122	8	6.9	0.43	5.68	6.57	0.01	0.00	0.00	60.64	0.04	2.76	63.43
Worker	790	122	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Building Constructio	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	313	8	6.9	0.44	5.64	6.58	0.01	0.00	0.00	153.28	0.10	6.98	160.35
Worker	790	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Building Constructio	2026													
Total Haul Trips	0													
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	175	8	6.9	0.44	5.61	6.60	0.01	0.00	0.00	84.43	0.06	3.84	88.33
Worker	790	175	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Paving	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	50	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F1-F2- Architectural Coatin	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	158	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	53	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	210	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	210	8	6.9	0.21	2.71	3.16	0.00	0.00	0.00	49.42	0.03	2.25	51.70
Worker	379	210	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.21	2.70	3.17	0.00	0.00	0.00	72.56	0.05	3.30	75.91
Worker	379	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	4	8	6.9	0.21	2.69	3.18	0.00	0.00	0.00	0.91	0.00	0.04	0.96
Worker	379	4	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Paving	2027													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F3- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	61	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	122	8	6.9	0.08	1.11	1.28	0.00	0.00	0.00	11.81	0.01	0.54	12.36
Worker	311	122	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	313	8	6.9	0.08	1.10	1.28	0.00	0.00	0.00	29.86	0.02	1.36	31.24
Worker	311	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
F4- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	175	8	6.9	0.08	1.09	1.29	0.00	0.00	0.00	16.45	0.01	0.75	17.21
Worker	311	175	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Paving	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F4- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Site Preparation	2022													
Total Haul Trips	0													
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Building Construction	2022													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	8	8	6.9	0.02	0.29	0.28	0.00	0.00	0.00	0.19	0.00	0.01	0.20
Worker	37	8	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.02	0.26	0.30	0.00	0.00	0.00	7.17	0.00	0.33	7.50
Worker	37	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.02	0.26	0.30	0.00	0.00	0.00	7.07	0.00	0.32	7.40
Worker	37	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	81	8	6.9	0.02	0.26	0.30	0.00	0.00	0.00	1.80	0.00	0.08	1.89
Worker	37	81	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Paving	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F5- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	7	54	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Site Preparation	2022													
Total Haul Trips	0													
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Building Construction	2022													
Total Haul Trips	0													
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	8	8	6.9	0.06	0.82	0.80	0.00	0.00	0.00	0.54	0.00	0.02	0.57
Worker	257	8	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Building Construction	2023													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.06	0.74	0.85	0.00	0.00	0.00	20.48	0.01	0.93	21.43
Worker	257	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.06	0.74	0.85	0.00	0.00	0.00	20.20	0.01	0.92	21.14
Worker	257	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	81	8	6.9	0.06	0.73	0.85	0.00	0.00	0.00	5.15	0.00	0.23	5.39
Worker	257	81	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F6- Paving	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
F6- Architectural Coating	2025													
Total Haul Trips	0													
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	51	54	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	225	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	225	8	6.9	0.21	2.71	3.16	0.00	0.00	0.00	52.95	0.03	2.41	55.39
Worker	379	225	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.21	2.70	3.17	0.00	0.00	0.00	72.56	0.05	3.30	75.91
Worker	379	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	50	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	50	8	6.9	0.21	2.69	3.18	0.00	0.00	0.00	11.42	0.01	0.52	11.94
Worker	379	50	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Paving	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G1- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Building Construction	2024													
Total Haul Trips	0													
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	99	8	6.9	0.07	0.87	1.00	0.00	0.00	0.00	7.51	0.00	0.34	7.85
Worker	312	99	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	313	8	6.9	0.07	0.86	1.00	0.00	0.00	0.00	23.39	0.02	1.06	24.47
Worker	312	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	178	8	6.9	0.07	0.86	1.01	0.00	0.00	0.00	13.10	0.01	0.60	13.71
Worker	312	178	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Paving	2026													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H1- Architectural Coating	2026													
Total Haul Trips	0													
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	44	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Site Preparation	2029													
Total Haul Trips	0													
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	51	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Building Construction	2029													
Total Haul Trips	0													
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	263	8	6.9	0.05	0.66	0.79	0.00	0.00	0.00	14.39	0.01	0.65	15.06
Worker	241	263	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Building Construction	2030													
Total Haul Trips	0													
Hauling	0	242	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	242	8	6.9	0.05	0.66	0.79	0.00	0.00	0.00	12.96	0.01	0.59	13.56
Worker	241	242	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
H2- Paving	2030													
Total Haul Trips	0													
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	38	8	6.9	0.05	0.66	0.79	0.00	0.00	0.00	2.04	0.00	0.09	2.13
Worker	241	38	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Architectural Coating	2030													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	32	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H2- Architectural Coating	2031													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Site Preparation	2025													
Total Haul Trips	0													
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	80	63	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Building Construction	2025													
Total Haul Trips	0													
Hauling	0	105	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	105	8	6.9	0.19	2.53	2.95	0.00	0.00	0.00	23.04	0.01	1.05	24.10
Worker	865	105	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Building Construction	2026													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	313	8	6.9	0.20	2.51	2.96	0.00	0.00	0.00	67.66	0.04	3.08	70.78
Worker	865	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	214	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	214	8	6.9	0.20	2.50	2.97	0.00	0.00	0.00	45.56	0.03	2.07	47.67
Worker	865	214	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Paving	2027													
Total Haul Trips	0													
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	47	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Architectural Coating	2027													
Total Haul Trips	0													
Hauling	0	42	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	42	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	42	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H3- Architectural Coating	2028													
Total Haul Trips	0													
Hauling	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	5	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Site Preparation	2027													
Total Haul Trips	0													
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	51	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Building Construction	2027													
Total Haul Trips	0													
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	263	8	6.9	0.09	1.18	1.40	0.00	0.00	0.00	26.37	0.02	1.20	27.59
Worker	425	263	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Building Construction	2028													
Total Haul Trips	0													
Hauling	0	243	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	243	8	6.9	0.09	1.18	1.40	0.00	0.00	0.00	23.98	0.02	1.09	25.09
Worker	425	243	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Paving	2028													
Total Haul Trips	0													
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	38	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	38	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Architectural Coating	2028													
Total Haul Trips	0													
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H4- Architectural Coating	2029													
Total Haul Trips	0													
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	32	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	COZe
150 SM Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	53	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Building Constructi	2024													
Total Haul Trips	0													
Hauling	0	26	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	26	8	6.9	0.00	0.06	0.06	0.00	0.00	0.00	0.13	0.00	0.01	0.13
Worker	7	26	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Building Constructi	2025													
Total Haul Trips	0													
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	313	8	6.9	0.00	0.05	0.06	0.00	0.00	0.00	1.49	0.00	0.07	1.56
Worker	7	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Building Constructi	2026													
Total Haul Trips	0													
Hauling	0	188	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	188	8	6.9	0.00	0.05	0.06	0.00	0.00	0.00	0.88	0.00	0.04	0.92
Worker	7	188	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Paving	2026													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150 SM Architectural Coati	2026													
Total Haul Trips	0													
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	39	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Site Preparation	2024													
Total Haul Trips	0													
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	46	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Building Constructio	2024													
Total Haul Trips	0													
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	267	8	6.9	0.00	0.04	0.04	0.00	0.00	0.00	0.86	0.00	0.04	0.90
Worker	5	267	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Building Constructio	2025													
Total Haul Trips	0													
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	197	8	6.9	0.00	0.04	0.04	0.00	0.00	0.00	0.63	0.00	0.03	0.66
Worker	5	197	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Paving	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Architectural Coatin	2025													
Total Haul Trips	0													
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	35	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-1 Paving	2025													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-2 Paving	2025													
Total Haul Trips	0													
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-3 Paving	2025													
Total Haul Trips	0													
Hauling	0	24	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	24	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	24	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-4 Paving	2025													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-4 Paving	2025													
Total Haul Trips	0													
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Idling Emissions

		Idling Emissions Factor (grams/minute)						Idling Emissions Factor (grams/minute)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021	Hauling	0.03630449	0.470704773	0.51260238	0.00083563	0.00043597	0.00041711	90.6575223	0.00235908	0.01435313
2021	Vendor	0.09498808	1.391041033	1.25317373	0.00227132	0.00226509	0.0021671	243.613053	0.00596015	0.03824414
2021	Worker	0	0	0	0	0	0	0	0	0
2022	Hauling	0.03531572	0.458843821	0.51319275	0.00082078	0.0002163	0.00020694	88.942677	0.00227349	0.01407691
2022	Vendor	0.09348406	1.355722704	1.3168104	0.00229903	0.00097853	0.00093619	246.561784	0.00592609	0.03870526
2022	Worker	0	0	0	0	0	0	0	0	0
2023	Hauling	0.03407558	0.424602468	0.5119853	0.0007738	0.00018237	0.00017448	83.9867758	0.00222496	0.01329868
2023	Vendor	0.09291216	1.223380828	1.40066374	0.00220962	0.00064977	0.00062166	237.117309	0.0059455	0.0372157
2023	Worker	0	0	0	0	0	0	0	0	0
2024	Hauling	0.03394375	0.421716801	0.51034187	0.00076149	0.00017844	0.00017072	82.6581555	0.00221649	0.01308867
2024	Vendor	0.09283783	1.212051222	1.40183658	0.00217929	0.00061942	0.00059263	233.865666	0.00594052	0.0367068
2024	Worker	0	0	0	0	0	0	0	0	0
2025	Hauling	0.03382865	0.419303731	0.50897749	0.00074794	0.00017506	0.00016748	81.2113358	0.00221297	0.01286063
2025	Vendor	0.09288557	1.203662304	1.40458737	0.00214702	0.00059446	0.00056874	230.426642	0.00594914	0.03616827
2025	Worker	0	0	0	0	0	0	0	0	0
2026	Hauling	0.03374032	0.417391661	0.50805304	0.00073433	0.00017156	0.00016414	79.7618081	0.00221278	0.01263241
2026	Vendor	0.09302633	1.197481179	1.40878962	0.00211499	0.000569	0.00054439	227.01904	0.00596748	0.0356338
2026	Worker	0	0	0	0	0	0	0	0	0
2027	Hauling	0.03368385	0.415920445	0.50750493	0.00072096	0.00016862	0.00016133	78.3280071	0.00221111	0.01240616
2027	Vendor	0.09324476	1.193021487	1.41376147	0.00208298	0.00054809	0.00052438	223.597011	0.00598364	0.03509649
2027	Worker	0	0	0	0	0	0	0	0	0
2028	Hauling	0.03363267	0.414655824	0.50706576	0.00070715	0.00016552	0.00015836	76.8518915	0.00221129	0.01217343
2028	Vendor	0.09349405	1.189817908	1.41917514	0.00204977	0.00052812	0.00050527	220.052199	0.00600656	0.03453906
2028	Worker	0	0	0	0	0	0	0	0	0
2029	Hauling	0.03336129	0.410474572	0.50311148	0.00068798	0.00016145	0.00015447	74.7626942	0.00218685	0.01184228
2029	Vendor	0.09293324	1.176431232	1.4122013	0.00199674	0.00050554	0.00048367	214.340006	0.00596946	0.03363726
2029	Worker	0	0	0	0	0	0	0	0	0
2030	Hauling	0.03320668	0.407855025	0.50090312	0.00067262	0.00015835	0.0001515	73.088799	0.00217114	0.01157689
2030	Vendor	0.09270981	1.168008208	1.41009474	0.00195491	0.00048682	0.00046576	209.830361	0.00595317	0.03292511
2030	Worker	0	0	0	0	0	0	0	0	0
2031	Hauling	0.03317496	0.406852606	0.50057001	0.00066079	0.00015591	0.00014917	71.7995785	0.00216511	0.01137252
2031	Vendor	0.09286636	1.164834858	1.41360534	0.00192381	0.00047137	0.00045098	206.476155	0.00596318	0.03239447
2031	Worker	0	0	0	0	0	0	0	0	0
2032	Hauling	0.03320358	0.40662706	0.50111378	0.00065091	0.00015464	0.00014795	70.7253391	0.00216442	0.01120235
2032	Vendor	0.09320509	1.16414369	1.41949737	0.00189815	0.00046297	0.00044294	203.709268	0.00598678	0.03195618
2032	Worker	0	0	0	0	0	0	0	0	0
	GWP	N/A	N/A	N/A	N/A	N/A	N/A	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Phase 1- Demolition only	2021													
Total Haul Trips	975													
Hauling	4	313	8	15	0.00	0.06	0.07	0.00	0.00	0.00	1.70	0.00	0.08	1.78
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	313	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 1- Demolition only	2022													
Total Haul Trips	244													
Hauling	4	78	8	15	0.00	0.06	0.07	0.00	0.00	0.00	0.42	0.00	0.02	0.44
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	78	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2- Demolition only	2025													
Total Haul Trips	1910													
Hauling	9	235	8	15	0.01	0.12	0.15	0.00	0.00	0.00	2.58	0.00	0.12	2.70
Vendor	0	235	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	235	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3- Demolition only	2027													
Total Haul Trips	166													
Hauling	2	104	8	15	0.00	0.03	0.03	0.00	0.00	0.00	0.24	0.00	0.01	0.26
Vendor	0	104	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	104	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3- Demolition only	2028													
Total Haul Trips	80													
Hauling	2	50	8	15	0.00	0.03	0.03	0.00	0.00	0.00	0.12	0.00	0.01	0.12
Vendor	0	50	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	50	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West San Fernando Bridge- Demolition and Ped Bridge	2022													
Total Haul Trips	500													
Hauling	5	105	8	15	0.01	0.08	0.08	0.00	0.00	0.00	0.70	0.00	0.03	0.73
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	44	105	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West San Fernando Bridge- Abutment/Bent Construction	2023													
Total Haul Trips	333													
Hauling	4	105	8	15	0.00	0.06	0.07	0.00	0.00	0.00	0.53	0.00	0.02	0.55
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	105	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West San Fernando Bridge- Superstructure	2023													
Total Haul Trips	0													
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.02	0.02	0.00	0.00	0.00	0.13	0.00	0.01	0.13
Worker	20	77	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West San Fernando Bridge- Superstructure	2024													
Total Haul Trips	0													
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.02	0.02	0.00	0.00	0.00	0.12	0.00	0.01	0.13
Worker	20	77	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Start Emissions

Downtown West San Jose Mixed Use Development
Mitigated Start Emissions

		Start Emissions Factor (grams/trip)						Start Emissions Factor (grams/trip)		
		ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
2021Hauling	Hauling		2.282995129							
2021Vendor	Vendor		1.513919235							
2021Worker	Worker		0.249278292							
2022Hauling	Hauling		2.312488433							
2022Vendor	Vendor		1.713410035							
2022Worker	Worker		0.230151374							
2023Hauling	Hauling		2.320600293							
2023Vendor	Vendor		2.008930245							
2023Worker	Worker		0.213249572							
2024Hauling	Hauling		2.318523673							
2024Vendor	Vendor		2.010106076							
2024Worker	Worker		0.198266535							
2025Hauling	Hauling		2.315032243							
2025Vendor	Vendor		2.010563219							
2025Worker	Worker		0.184904645							
2026Hauling	Hauling		2.310620038							
2026Vendor	Vendor		2.009806516							
2026Worker	Worker		0.173508745							
2027Hauling	Hauling		2.307348836							
2027Vendor	Vendor		2.009529656							
2027Worker	Worker		0.163376523							
2028Hauling	Hauling		2.305292234							
2028Vendor	Vendor		2.008627749							
2028Worker	Worker		0.155591738							
2029Hauling	Hauling		2.296333435							
2029Vendor	Vendor		2.004531892							
2029Worker	Worker		0.148538699							
2030Hauling	Hauling		2.293002984							
2030Vendor	Vendor		2.001882266							
2030Worker	Worker		0.142481554							
2031Hauling	Hauling		2.289237845							
2031Vendor	Vendor		1.997558591							
2031Worker	Worker		0.13727629							
2032Hauling	Hauling		2.286829417							
2032Vendor	Vendor		1.992717366							
2032Worker	Worker		0.132963043							
GWP			N/A							

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Excavation - Class I Haz	2021													
Total Haul Trips	2957													
Hauling	19	157	8	170		0.10								
Vendor	0	157	8	6.9		0.00								
Worker	123	157	8	14.7		0.07								
Excavation - Class I Haz	2022													
Total Haul Trips	5914													
Hauling	19	313	8	170		0.10								
Vendor	0	313	8	6.9		0.00								
Worker	123	313	8	14.7		0.06								
Excavation - Class I Haz	2023													
Total Haul Trips	5914													
Hauling	19	313	8	170		0.10								
Vendor	0	313	8	6.9		0.00								
Worker	123	313	8	14.7		0.06								
Excavation - Class I Haz	2024													
Total Haul Trips	2957													
Hauling	19	157	8	170		0.10								
Vendor	0	157	8	6.9		0.00								
Worker	123	157	8	14.7		0.05								
Excavation - Class I Haz	2025													
Total Haul Trips	1438													
Hauling	10	157	8	170		0.05								
Vendor	0	157	8	6.9		0.00								
Worker	123	157	8	14.7		0.05								
Excavation - Class I Haz	2026													
Total Haul Trips	2876													
Hauling	10	314	8	170		0.05								
Vendor	0	314	8	6.9		0.00								
Worker	123	314	8	14.7		0.05								
Excavation - Class I Haz	2027													
Total Haul Trips	719													
Hauling	10	78	8	170		0.05								
Vendor	0	78	8	6.9		0.00								
Worker	123	78	8	14.7		0.04								
Excavation - Class I Haz	2029													
Total Haul Trips	5609													
Hauling	18	314	8	170		0.09								
Vendor	0	314	8	6.9		0.00								
Worker	123	314	8	14.7		0.04								
Excavation - Class I Haz	2030													
Total Haul Trips	5714													
Hauling	19	313	8	170		0.10								
Vendor	0	313	8	6.9		0.00								
Worker	123	313	8	14.7		0.04								

Excavation - Class I Haz	2031				
Total Haul Trips	2857				
Hauling	19	156	8	170	0.10
Vendor	0	156	8	6.9	0.00
Worker	123	156	8	14.7	0.04
Excavation - Class II Non-Ha	2021				
Total Haul Trips	28251				
Hauling	180	157	8	15	0.91
Vendor	0	157	8	6.9	0.00
Worker	0	157	8	14.7	0.00
Excavation - Class II Non-Ha	2022				
Total Haul Trips	56502				
Hauling	181	313	8	15	0.92
Vendor	0	313	8	6.9	0.00
Worker	0	313	8	14.7	0.00
Excavation - Class II Non-Ha	2023				
Total Haul Trips	56502				
Hauling	181	313	8	15	0.93
Vendor	0	313	8	6.9	0.00
Worker	0	313	8	14.7	0.00
Excavation - Class II Non-Ha	2024				
Total Haul Trips	28251				
Hauling	180	157	8	15	0.92
Vendor	0	157	8	6.9	0.00
Worker	0	157	8	14.7	0.00
Excavation - Class II Non-Ha	2025				
Total Haul Trips	10567				
Hauling	68	157	8	15	0.35
Vendor	0	157	8	6.9	0.00
Worker	0	157	8	14.7	0.00
Excavation - Class II Non-Ha	2026				
Total Haul Trips	21134				
Hauling	68	314	8	15	0.35
Vendor	0	314	8	6.9	0.00
Worker	0	314	8	14.7	0.00
Excavation - Class II Non-Ha	2027				
Total Haul Trips	5283				
Hauling	68	78	8	15	0.35
Vendor	0	78	8	6.9	0.00
Worker	0	78	8	14.7	0.00
Excavation - Class II Non-Ha	2029				
Total Haul Trips	27459				
Hauling	88	314	8	15	0.45
Vendor	0	314	8	6.9	0.00
Worker	0	314	8	14.7	0.00
Excavation - Class II Non-Ha	2030				
Total Haul Trips	27899				
Hauling	393	71	8	15	1.99
Vendor	0	71	8	6.9	0.00
Worker	0	71	8	14.7	0.00
Excavation - Class II Non-Ha	2031				
Total Haul Trips	13949				
Hauling	85	165	8	15	0.43
Vendor	0	165	8	6.9	0.00
Worker	0	165	8	14.7	0.00
A1- Site Preparation	2027				
Total Haul Trips	0				
Hauling	0	65	8	15	0.00
Vendor	0	65	8	6.9	0.00
Worker	90	65	8	14.7	0.03
A1- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	171	8	15	0.00
Vendor	202	171	8	6.9	0.89
Worker	518	171	8	14.7	0.19
A1- Building Construction	2028				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	202	313	8	6.9	0.89
Worker	518	313	8	14.7	0.18
A1- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	169	8	15	0.00
Vendor	202	169	8	6.9	0.89
Worker	518	169	8	14.7	0.17
A1- Paving	2029				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00
Vendor	0	49	8	6.9	0.00
Worker	38	49	8	14.7	0.01
A2- Architectural Coating	2029				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00
Vendor	0	49	8	6.9	0.00
Worker	104	49	8	14.7	0.03
B1- Site Preparation	2026				
Total Haul Trips	0				
Hauling	0	63	8	15	0.00
Vendor	0	63	8	6.9	0.00

Worker	88	63	8	14.7	0.03
B1 - Building Construction	2026				
Total Haul Trips	0				
Hauling	0	66	8	15	0.00
Vendor	130	66	8	6.9	0.58
Worker	334	66	8	14.7	0.13
B1 - Building Construction	2027				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	130	313	8	6.9	0.58
Worker	334	313	8	14.7	0.12
B1 - Building Construction	2028				
Total Haul Trips	0				
Hauling	0	252	8	15	0.00
Vendor	130	252	8	6.9	0.58
Worker	334	252	8	14.7	0.11
B1 - Paving	2029				
Total Haul Trips	0				
Hauling	0	12	8	15	0.00
Vendor	0	12	8	6.9	0.00
Worker	30	12	8	14.7	0.01
B1 - Paving	2028				
Total Haul Trips	0				
Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	30	35	8	14.7	0.01
B1- Architectural Coating	2029				
Total Haul Trips	0				
Hauling	0	47	8	15	0.00
Vendor	0	47	8	6.9	0.00
Worker	67	47	8	14.7	0.02
C1- Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	65	8	15	0.00
Vendor	0	65	8	6.9	0.00
Worker	115	65	8	14.7	0.04
C1- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	128	39	8	6.9	0.57
Worker	859	39	8	14.7	0.28
C1- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	128	313	8	6.9	0.56
Worker	859	313	8	14.7	0.27
C1- Building Construction	2031				
Total Haul Trips	0				
Hauling	0	299	8	15	0.00
Vendor	128	299	8	6.9	0.56
Worker	859	299	8	14.7	0.26
C1- Paving	2031				
Total Haul Trips	0				
Hauling	0	29	8	15	0.00
Vendor	0	29	8	6.9	0.00
Worker	25	29	8	14.7	0.01
C1- Paving	2032				
Total Haul Trips	0				
Hauling	0	20	8	15	0.00
Vendor	0	20	8	6.9	0.00
Worker	25	20	8	14.7	0.01
C1- Architectural Coating	2032				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00
Vendor	0	49	8	6.9	0.00
Worker	172	49	8	14.7	0.05
C2- Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	65	8	15	0.00
Vendor	0	65	8	6.9	0.00
Worker	100	65	8	14.7	0.03
C2- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	170	8	15	0.00
Vendor	111	170	8	6.9	0.49
Worker	286	170	8	14.7	0.09
C2- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	111	313	8	6.9	0.49
Worker	286	313	8	14.7	0.09
C2- Building Construction	2031				
Total Haul Trips	0				
Hauling	0	169	8	15	0.00
Vendor	111	169	8	6.9	0.49
Worker	286	169	8	14.7	0.09
C2- Paving	2031				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00

Vendor	0	49	8	6.9	0.00
Worker	30	49	8	14.7	0.01
C2- Architectural Coating	2032				
Total Haul Trips	0				
Hauling	0	49	8	15	0.00
Vendor	0	49	8	6.9	0.00
Worker	57	49	8	14.7	0.02
C3- Site Preparation	2030				
Total Haul Trips	0				
Hauling	0	53	8	15	0.00
Vendor	0	53	8	6.9	0.00
Worker	35	53	8	14.7	0.01
C3- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	237	8	15	0.00
Vendor	29	237	8	6.9	0.13
Worker	150	237	8	14.7	0.05
C3- Building Construction	2031				
Total Haul Trips	0				
Hauling	0	289	8	15	0.00
Vendor	29	289	8	6.9	0.13
Worker	150	289	8	14.7	0.05
C3- Paving	2031				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	13	39	8	14.7	0.00
C3- Architectural Coating	2031				
Total Haul Trips	0				
Hauling	0	9	8	15	0.00
Vendor	0	9	8	6.9	0.00
Worker	30	9	8	14.7	0.01
C3- Architectural Coating	2032				
Total Haul Trips	0				
Hauling	0	30	8	15	0.00
Vendor	0	30	8	6.9	0.00
Worker	30	30	8	14.7	0.01
D1-Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	53	8	15	0.00
Vendor	0	53	8	6.9	0.00
Worker	33	53	8	14.7	0.01
D1- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	260	8	15	0.00
Vendor	56	260	8	6.9	0.25
Worker	366	260	8	14.7	0.12
D1- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	267	8	15	0.00
Vendor	56	267	8	6.9	0.25
Worker	366	267	8	14.7	0.11
D1- Paving	2030				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	15	39	8	14.7	0.00
D1- Architectural Coating	2030				
Total Haul Trips	0				
Hauling	0	8	8	15	0.00
Vendor	0	8	8	6.9	0.00
Worker	73	8	8	14.7	0.02
D1- Architectural Coating	2031				
Total Haul Trips	0				
Hauling	0	31	8	15	0.00
Vendor	0	31	8	6.9	0.00
Worker	73	31	8	14.7	0.02
D4- Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	57	8	15	0.00
Vendor	0	57	8	6.9	0.00
Worker	68	57	8	14.7	0.02
D4- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	183	8	15	0.00
Vendor	123	183	8	6.9	0.54
Worker	315	183	8	14.7	0.10
D4- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	123	313	8	6.9	0.54
Worker	315	313	8	14.7	0.10
D4- Building Construction	2031				
Total Haul Trips	0				
Hauling	0	72	8	15	0.00
Vendor	123	72	8	6.9	0.54
Worker	315	72	8	14.7	0.10
D4- Paving	2031				
Total Haul Trips	0				

Hauling	0	43	8	15	0.00
Vendor	0	43	8	6.9	0.00
Worker	20	43	8	14.7	0.01
D4- Architectural Coating	2031				
Total Haul Trips	0				
Hauling	0	43	8	15	0.00
Vendor	0	43	8	6.9	0.00
Worker	63	43	8	14.7	0.02
D5-D6- Site Preparation	2023				
Total Haul Trips	0				
Hauling	0	57	8	15	0.00
Vendor	0	57	8	6.9	0.00
Worker	30	57	8	14.7	0.01
D5-D6- Building Constructic	2023				
Total Haul Trips	0				
Hauling	0	22	8	15	0.00
Vendor	9	22	8	6.9	0.04
Worker	24	22	8	14.7	0.01
D5-D6- Building Constructic	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	9	313	8	6.9	0.04
Worker	24	313	8	14.7	0.01
D5-D6- Building Constructic	2025				
Total Haul Trips	0				
Hauling	0	234	8	15	0.00
Vendor	9	234	8	6.9	0.04
Worker	24	234	8	14.7	0.01
D5-D6- Paving	2025				
Total Haul Trips	0				
Hauling	0	43	8	15	0.00
Vendor	0	43	8	6.9	0.00
Worker	15	43	8	14.7	0.01
D5-D6- Architectural Coatin	2025				
Total Haul Trips	0				
Hauling	0	37	8	15	0.00
Vendor	0	37	8	6.9	0.00
Worker	5	37	8	14.7	0.00
D5-D6- Architectural Coatin	2026				
Total Haul Trips	0				
Hauling	0	6	8	15	0.00
Vendor	0	6	8	6.9	0.00
Worker	5	6	8	14.7	0.00
D7- Site Preparation	2025				
Total Haul Trips	0				
Hauling	0	59	8	15	0.00
Vendor	0	59	8	6.9	0.00
Worker	48	59	8	14.7	0.02
D7- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	99	8	15	0.00
Vendor	96	99	8	6.9	0.43
Worker	245	99	8	14.7	0.10
D7- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	96	313	8	6.9	0.43
Worker	245	313	8	14.7	0.09
D7- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	178	8	15	0.00
Vendor	96	178	8	6.9	0.43
Worker	245	178	8	14.7	0.09
D7- Paving	2027				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	15	44	8	14.7	0.01
D7- Architectural Coating	2027				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	49	44	8	14.7	0.02
D8-D13- Site Preparation	2023				
Total Haul Trips	0				
Hauling	0	111	8	15	0.00
Vendor	0	111	8	6.9	0.00
Worker	43	111	8	14.7	0.02
D8-D13- Building Constructi	2023				
Total Haul Trips	0				
Hauling	0	72	8	15	0.00
Vendor	9	72	8	6.9	0.04
Worker	24	72	8	14.7	0.01
D8-D13- Building Constructi	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	9	313	8	6.9	0.04
Worker	24	313	8	14.7	0.01
D8-D13- Building Constructi	2025				

Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	9	313	8	6.9	0.04
Worker	24	313	8	14.7	0.01
D8-D13- Building Construct	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	9	313	8	6.9	0.04
Worker	24	313	8	14.7	0.01
D8-D13- Building Construct	2027				
Total Haul Trips	0				
Hauling	0	101	8	15	0.00
Vendor	9	101	8	6.9	0.04
Worker	24	101	8	14.7	0.01
D8-D13- Paving	2027				
Total Haul Trips	0				
Hauling	0	83	8	15	0.00
Vendor	0	83	8	6.9	0.00
Worker	15	83	8	14.7	0.01
D8-D13- Architectural Coati	2027				
Total Haul Trips	0				
Hauling	0	83	8	15	0.00
Vendor	0	83	8	6.9	0.00
Worker	5	83	8	14.7	0.00
E1.1- Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	68	46	8	14.7	0.03
E1.1- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	267	8	15	0.00
Vendor	98	267	8	6.9	0.43
Worker	630	267	8	14.7	0.28
E1.1- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	197	8	15	0.00
Vendor	98	197	8	6.9	0.43
Worker	630	197	8	14.7	0.26
E1.1- Paving	2025				
Total Haul Trips	0				
Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	20	35	8	14.7	0.01
E1.1- Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	126	35	8	14.7	0.05
E1.2- Site Preparation	2023				
Total Haul Trips	0				
Hauling	0	59	8	15	0.00
Vendor	0	59	8	6.9	0.00
Worker	75	59	8	14.7	0.04
E1.2- Building Construction	2023				
Total Haul Trips	0				
Hauling	0	20	8	15	0.00
Vendor	184	20	8	6.9	0.81
Worker	470	20	8	14.7	0.22
E1.2- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	184	313	8	6.9	0.82
Worker	470	313	8	14.7	0.21
E1.2- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	257	8	15	0.00
Vendor	184	257	8	6.9	0.82
Worker	470	257	8	14.7	0.19
E1.2- Paving	2025				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	38	44	8	14.7	0.02
E1.2- Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	12	8	15	0.00
Vendor	0	12	8	6.9	0.00
Worker	94	12	8	14.7	0.04
E1.2- Architectural Coating	2026				
Total Haul Trips	0				
Hauling	0	32	8	15	0.00
Vendor	0	32	8	6.9	0.00
Worker	94	32	8	14.7	0.04
F1-F2- Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	61	8	15	0.00
Vendor	0	61	8	6.9	0.00
Worker	110	61	8	14.7	0.05

F1-F2- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	122	8	15	0.00
Vendor	308	122	8	6.9	1.36
Worker	790	122	8	14.7	0.35
F1-F2- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	308	313	8	6.9	1.37
Worker	790	313	8	14.7	0.32
F1-F2- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	175	8	15	0.00
Vendor	308	175	8	6.9	1.36
Worker	790	175	8	14.7	0.30
F1-F2- Paving	2026				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	50	46	8	14.7	0.02
F1-F2- Architectural Coating	2026				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	158	46	8	14.7	0.06
F3- Site Preparation	2025				
Total Haul Trips	0				
Hauling	0	53	8	15	0.00
Vendor	0	53	8	6.9	0.00
Worker	30	53	8	14.7	0.01
F3- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	210	8	15	0.00
Vendor	148	210	8	6.9	0.66
Worker	379	210	8	14.7	0.15
F3- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	148	313	8	6.9	0.66
Worker	379	313	8	14.7	0.14
F3- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	4	8	15	0.00
Vendor	148	4	8	6.9	0.66
Worker	379	4	8	14.7	0.14
F3- Paving	2027				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	15	39	8	14.7	0.01
F3- Architectural Coating	2027				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	76	39	8	14.7	0.03
F4- Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	61	8	15	0.00
Vendor	0	61	8	6.9	0.00
Worker	38	61	8	14.7	0.02
F4- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	122	8	15	0.00
Vendor	60	122	8	6.9	0.27
Worker	311	122	8	14.7	0.14
F4- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	60	313	8	6.9	0.27
Worker	311	313	8	14.7	0.13
F4- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	175	8	15	0.00
Vendor	60	175	8	6.9	0.27
Worker	311	175	8	14.7	0.12
F4- Paving	2026				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	15	46	8	14.7	0.01
F4- Architectural Coating	2026				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	62	46	8	14.7	0.02
F5- Site Preparation	2022				
Total Haul Trips	0				
Hauling	0	71	8	15	0.00
Vendor	0	71	8	6.9	0.00
Worker	30	71	8	14.7	0.02

F5- Building Construction	2022				
Total Haul Trips	0				
Hauling	0	8	8	15	0.00
Vendor	14	8	8	6.9	0.05
Worker	37	8	8	14.7	0.02
F5- Building Construction	2023				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	14	313	8	6.9	0.06
Worker	37	313	8	14.7	0.02
F5- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	14	313	8	6.9	0.06
Worker	37	313	8	14.7	0.02
F5- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	81	8	15	0.00
Vendor	14	81	8	6.9	0.06
Worker	37	81	8	14.7	0.02
F5- Paving	2025				
Total Haul Trips	0				
Hauling	0	54	8	15	0.00
Vendor	0	54	8	6.9	0.00
Worker	15	54	8	14.7	0.01
F5- Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	54	8	15	0.00
Vendor	0	54	8	6.9	0.00
Worker	7	54	8	14.7	0.00
F6- Site Preparation	2022				
Total Haul Trips	0				
Hauling	0	71	8	15	0.00
Vendor	0	71	8	6.9	0.00
Worker	30	71	8	14.7	0.02
F6- Building Construction	2022				
Total Haul Trips	0				
Hauling	0	8	8	15	0.00
Vendor	40	8	8	6.9	0.15
Worker	257	8	8	14.7	0.13
F6- Building Construction	2023				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	40	313	8	6.9	0.18
Worker	257	313	8	14.7	0.12
F6- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	40	313	8	6.9	0.18
Worker	257	313	8	14.7	0.11
F6- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	81	8	15	0.00
Vendor	40	81	8	6.9	0.18
Worker	257	81	8	14.7	0.10
F6- Paving	2025				
Total Haul Trips	0				
Hauling	0	54	8	15	0.00
Vendor	0	54	8	6.9	0.00
Worker	15	54	8	14.7	0.01
F6- Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	54	8	15	0.00
Vendor	0	54	8	6.9	0.00
Worker	51	54	8	14.7	0.02
G1- Site Preparation	2025				
Total Haul Trips	0				
Hauling	0	59	8	15	0.00
Vendor	0	59	8	6.9	0.00
Worker	38	59	8	14.7	0.02
G1- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	225	8	15	0.00
Vendor	148	225	8	6.9	0.66
Worker	379	225	8	14.7	0.15
G1- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	148	313	8	6.9	0.66
Worker	379	313	8	14.7	0.14
G1- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	50	8	15	0.00
Vendor	148	50	8	6.9	0.66
Worker	379	50	8	14.7	0.14
G1- Paving	2027				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00

Worker	15	44	8	14.7	0.01
G1- Architectural Coating	2027				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	76	44	8	14.7	0.03
H1- Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	59	8	15	0.00
Vendor	0	59	8	6.9	0.00
Worker	38	59	8	14.7	0.02
H1- Building Construction	2024				
Total Haul Trips	0				
Hauling	0	99	8	15	0.00
Vendor	47	99	8	6.9	0.21
Worker	312	99	8	14.7	0.14
H1- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	47	313	8	6.9	0.21
Worker	312	313	8	14.7	0.13
H1- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	178	8	15	0.00
Vendor	47	178	8	6.9	0.21
Worker	312	178	8	14.7	0.12
H1- Paving	2026				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	15	44	8	14.7	0.01
H1- Architectural Coating	2026				
Total Haul Trips	0				
Hauling	0	44	8	15	0.00
Vendor	0	44	8	6.9	0.00
Worker	62	44	8	14.7	0.02
H2- Site Preparation	2029				
Total Haul Trips	0				
Hauling	0	51	8	15	0.00
Vendor	0	51	8	6.9	0.00
Worker	30	51	8	14.7	0.01
H2- Building Construction	2029				
Total Haul Trips	0				
Hauling	0	263	8	15	0.00
Vendor	37	263	8	6.9	0.16
Worker	241	263	8	14.7	0.08
H2- Building Construction	2030				
Total Haul Trips	0				
Hauling	0	242	8	15	0.00
Vendor	37	242	8	6.9	0.16
Worker	241	242	8	14.7	0.08
H2- Paving	2030				
Total Haul Trips	0				
Hauling	0	38	8	15	0.00
Vendor	37	38	8	6.9	0.16
Worker	241	38	8	14.7	0.08
H2- Architectural Coating	2030				
Total Haul Trips	0				
Hauling	0	32	8	15	0.00
Vendor	0	32	8	6.9	0.00
Worker	15	32	8	14.7	0.00
H2- Architectural Coating	2031				
Total Haul Trips	0				
Hauling	0	6	8	15	0.00
Vendor	0	6	8	6.9	0.00
Worker	48	6	8	14.7	0.01
H3- Site Preparation	2025				
Total Haul Trips	0				
Hauling	0	63	8	15	0.00
Vendor	0	63	8	6.9	0.00
Worker	80	63	8	14.7	0.03
H3- Building Construction	2025				
Total Haul Trips	0				
Hauling	0	105	8	15	0.00
Vendor	138	105	8	6.9	0.61
Worker	865	105	8	14.7	0.35
H3- Building Construction	2026				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	138	313	8	6.9	0.61
Worker	865	313	8	14.7	0.33
H3- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	214	8	15	0.00
Vendor	138	214	8	6.9	0.61
Worker	865	214	8	14.7	0.31
H3- Paving	2027				
Total Haul Trips	0				
Hauling	0	47	8	15	0.00

Vendor	0	47	8	6.9	0.00
Worker	25	47	8	14.7	0.01
H3- Architectural Coating	2027				
Total Haul Trips	0				
Hauling	0	42	8	15	0.00
Vendor	0	42	8	6.9	0.00
Worker	173	42	8	14.7	0.06
H3- Architectural Coating	2028				
Total Haul Trips	0				
Hauling	0	5	8	15	0.00
Vendor	0	5	8	6.9	0.00
Worker	173	5	8	14.7	0.06
H4- Site Preparation	2027				
Total Haul Trips	0				
Hauling	0	51	8	15	0.00
Vendor	0	51	8	6.9	0.00
Worker	38	51	8	14.7	0.01
H4- Building Construction	2027				
Total Haul Trips	0				
Hauling	0	263	8	15	0.00
Vendor	65	263	8	6.9	0.29
Worker	425	263	8	14.7	0.15
H4- Building Construction	2028				
Total Haul Trips	0				
Hauling	0	243	8	15	0.00
Vendor	65	243	8	6.9	0.29
Worker	425	243	8	14.7	0.15
H4- Paving	2028				
Total Haul Trips	0				
Hauling	0	38	8	15	0.00
Vendor	0	38	8	6.9	0.00
Worker	15	38	8	14.7	0.01
H4- Architectural Coating	2028				
Total Haul Trips	0				
Hauling	0	6	8	15	0.00
Vendor	0	6	8	6.9	0.00
Worker	85	6	8	14.7	0.03
H4- Architectural Coating	2029				
Total Haul Trips	0				
Hauling	0	32	8	15	0.00
Vendor	0	32	8	6.9	0.00
Worker	85	32	8	14.7	0.03
150 SM Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	53	8	15	0.00
Vendor	0	53	8	6.9	0.00
Worker	28	53	8	14.7	0.01
150 SM Building Constructio	2024				
Total Haul Trips	0				
Hauling	0	26	8	15	0.00
Vendor	3	26	8	6.9	0.01
Worker	7	26	8	14.7	0.00
150 SM Building Constructio	2025				
Total Haul Trips	0				
Hauling	0	313	8	15	0.00
Vendor	3	313	8	6.9	0.01
Worker	7	313	8	14.7	0.00
150 SM Building Constructio	2026				
Total Haul Trips	0				
Hauling	0	188	8	15	0.00
Vendor	3	188	8	6.9	0.01
Worker	7	188	8	14.7	0.00
150 SM Paving	2026				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	15	39	8	14.7	0.01
150 SM Architectural Coatir	2026				
Total Haul Trips	0				
Hauling	0	39	8	15	0.00
Vendor	0	39	8	6.9	0.00
Worker	1	39	8	14.7	0.00
40 SM Site Preparation	2024				
Total Haul Trips	0				
Hauling	0	46	8	15	0.00
Vendor	0	46	8	6.9	0.00
Worker	28	46	8	14.7	0.01
40 SM Building Constructio	2024				
Total Haul Trips	0				
Hauling	0	267	8	15	0.00
Vendor	2	267	8	6.9	0.01
Worker	5	267	8	14.7	0.00
40 SM Building Constructio	2025				
Total Haul Trips	0				
Hauling	0	197	8	15	0.00
Vendor	2	197	8	6.9	0.01
Worker	5	197	8	14.7	0.00
40 SM Paving	2025				
Total Haul Trips	0				

Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	15	35	8	14.7	0.01
40 SM Architectural Coating	2025				
Total Haul Trips	0				
Hauling	0	35	8	15	0.00
Vendor	0	35	8	6.9	0.00
Worker	1	35	8	14.7	0.00
LTA B1-1 Paving	2025				
Total Haul Trips	0				
Hauling	0	4	8	15	0.00
Vendor	0	4	8	6.9	0.00
Worker	10	4	8	14.7	0.00
LTA B1-2 Paving	2025				
Total Haul Trips	0				
Hauling	0	4	8	15	0.00
Vendor	0	4	8	6.9	0.00
Worker	10	4	8	14.7	0.00
LTA B1-3 Paving	2025				
Total Haul Trips	0				
Hauling	0	24	8	15	0.00
Vendor	0	24	8	6.9	0.00
Worker	10	24	8	14.7	0.00
LTA B1-4 Paving	2025				
Total Haul Trips	0				
Hauling	0	9	8	15	0.00
Vendor	0	9	8	6.9	0.00
Worker	10	9	8	14.7	0.00
LTA B1-4 Paving	2025				
Total Haul Trips	0				
Hauling	0	9	8	15	0.00
Vendor	0	9	8	6.9	0.00
Worker	10	9	8	14.7	0.00
Phase 1- Demolition only	2021				
Total Haul Trips	975				
Hauling	4	313	8	15	0.02
Vendor	0	313	8	6.9	0.00
Worker	140	313	8	14.7	0.08
Phase 1- Demolition only	2022				
Total Haul Trips	244				
Hauling	4	78	8	15	0.02
Vendor	0	78	8	6.9	0.00
Worker	140	78	8	14.7	0.07
Phase 2- Demolition only	2025				
Total Haul Trips	1910				
Hauling	9	235	8	15	0.05
Vendor	0	235	8	6.9	0.00
Worker	140	235	8	14.7	0.06
Phase 3- Demolition only	2027				
Total Haul Trips	166				
Hauling	2	104	8	15	0.01
Vendor	0	104	8	6.9	0.00
Worker	140	104	8	14.7	0.05
Phase 3- Demolition only	2028				
Total Haul Trips	80				
Hauling	2	50	8	15	0.01
Vendor	0	50	8	6.9	0.00
Worker	140	50	8	14.7	0.05
West San Fernando Bridge-Demolition and Ped Bridge	2022				
Total Haul Trips	500				
Hauling	5	105	8	15	0.03
Vendor	0	105	8	6.9	0.00
Worker	44	105	8	14.7	0.02
West San Fernando Bridge-Abutment/Bent Construction	2023				
Total Haul Trips	333				
Hauling	4	105	8	15	0.02
Vendor	0	105	8	6.9	0.00
Worker	20	105	8	14.7	0.01
West San Fernando Bridge-Superstructure	2023				
Total Haul Trips	0				
Hauling	0	77	8	15	0.00
Vendor	1	77	8	6.9	0.00
Worker	20	77	8	14.7	0.01
West San Fernando Bridge-Superstructure	2024				
Total Haul Trips	0				
Hauling	0	77	8	15	0.00
Vendor	1	77	8	6.9	0.00
Worker	20	77	8	14.7	0.01

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.0262304	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
					PM10			PM2.5		
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
Excavation - Class I Haz	2021									
Total Haul Trips	2957				155.30	51.16	13.90	37.34	21.93	3.48
Hauling	19	157	8	170	0.95	0.44	0.25	0.14	0.19	0.06
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01
Excavation - Class I Haz	2022									
Total Haul Trips	5914									
Hauling	19	313	8	170	0.95	0.43	0.25	0.14	0.19	0.06
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01
Excavation - Class I Haz	2023									
Total Haul Trips	5914									
Hauling	19	313	8	170	0.95	0.43	0.25	0.14	0.19	0.06
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01
Excavation - Class I Haz	2024									
Total Haul Trips	2957									
Hauling	19	157	8	170	0.95	0.43	0.25	0.14	0.19	0.06
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01
Excavation - Class I Haz	2025									
Total Haul Trips	1438									
Hauling	10	157	8	170	0.50	0.23	0.13	0.08	0.10	0.03
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	157	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01
Excavation - Class I Haz	2026									
Total Haul Trips	2876									
Hauling	10	314	8	170	0.50	0.23	0.13	0.08	0.10	0.03
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01
Excavation - Class I Haz	2027									
Total Haul Trips	719									
Hauling	10	78	8	170	0.50	0.23	0.13	0.08	0.10	0.03
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	78	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01
Excavation - Class I Haz	2029									
Total Haul Trips	5609									
Hauling	18	314	8	170	0.90	0.41	0.24	0.14	0.18	0.06
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	314	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
					PM10			PM2.5		
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
Excavation - Class I Haz	2030									
Total Haul Trips	5714									
Hauling	19	313	8	170	0.95	0.44	0.25	0.14	0.19	0.06
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	313	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01
Excavation - Class I Haz	2031									
Total Haul Trips	2857									
Hauling	19	156	8	170	0.95	0.44	0.25	0.14	0.19	0.06
Vendor	0	156	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	123	156	8	14.7	0.53	0.15	0.03	0.13	0.06	0.01
Excavation - Class II Non-Ha	2021									
Total Haul Trips	28251									
Hauling	180	157	8	15	0.79	0.36	0.21	0.12	0.16	0.05
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2022									
Total Haul Trips	56502									
Hauling	181	313	8	15	0.80	0.37	0.21	0.12	0.16	0.05
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2023									
Total Haul Trips	56502									
Hauling	181	313	8	15	0.80	0.37	0.21	0.12	0.16	0.05
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	313	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2024									
Total Haul Trips	28251									
Hauling	180	157	8	15	0.79	0.36	0.21	0.12	0.16	0.05
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2025									
Total Haul Trips	10567									
Hauling	68	157	8	15	0.30	0.14	0.08	0.05	0.06	0.02
Vendor	0	157	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	157	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2026									
Total Haul Trips	21134									
Hauling	68	314	8	15	0.30	0.14	0.08	0.05	0.06	0.02
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
		PM10			PM2.5	
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
						PM10			PM2.5	
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
Excavation - Class II Non-Ha	2027									
Total Haul Trips	5283									
Hauling	68	78	8	15	0.30	0.14	0.08	0.05	0.06	0.02
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	78	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2029									
Total Haul Trips	27459									
Hauling	88	314	8	15	0.39	0.18	0.10	0.06	0.08	0.03
Vendor	0	314	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	314	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2030									
Total Haul Trips	27899									
Hauling	393	71	8	15	1.74	0.80	0.46	0.26	0.34	0.12
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	71	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
Excavation - Class II Non-Ha	2031									
Total Haul Trips	13949									
Hauling	85	165	8	15	0.38	0.17	0.10	0.06	0.07	0.03
Vendor	0	165	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0	165	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
A1- Site Preparation	2027									
Total Haul Trips	0									
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	90	65	8	14.7	0.39	0.11	0.02	0.10	0.05	0.01
A1- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	171	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	171	8	6.9	0.41	0.29	0.07	0.10	0.13	0.02
Worker	518	171	8	14.7	2.24	0.62	0.13	0.56	0.26	0.03
A1- Building Construction	2028									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	313	8	6.9	0.41	0.29	0.07	0.10	0.13	0.02
Worker	518	313	8	14.7	2.24	0.62	0.13	0.56	0.26	0.03
A1- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	202	169	8	6.9	0.41	0.29	0.07	0.10	0.13	0.02
Worker	518	169	8	14.7	2.24	0.62	0.13	0.56	0.26	0.03

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
					PM10			PM2.5		
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
A1- Paving	2029									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	49	8	14.7	0.16	0.05	0.01	0.04	0.02	0.00
A2- Architectural Coating	2029									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	104	49	8	14.7	0.45	0.12	0.03	0.11	0.05	0.01
B1- Site Preparation	2026									
Total Haul Trips	0									
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	88	63	8	14.7	0.38	0.10	0.02	0.10	0.04	0.01
B1 - Building Construction	2026									
Total Haul Trips	0									
Hauling	0	66	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	66	8	6.9	0.26	0.19	0.05	0.07	0.08	0.01
Worker	334	66	8	14.7	1.45	0.40	0.09	0.36	0.17	0.02
B1 - Building Construction	2027									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	313	8	6.9	0.26	0.19	0.05	0.07	0.08	0.01
Worker	334	313	8	14.7	1.45	0.40	0.09	0.36	0.17	0.02
B1 - Building Construction	2028									
Total Haul Trips	0									
Hauling	0	252	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	130	252	8	6.9	0.26	0.19	0.05	0.07	0.08	0.01
Worker	334	252	8	14.7	1.45	0.40	0.09	0.36	0.17	0.02
B1 - Paving	2029									
Total Haul Trips	0									
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	12	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00
B1 - Paving	2028									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	35	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
					PM10			PM2.5		
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
B1- Architectural Coating	2029									
Total Haul Trips	0									
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	67	47	8	14.7	0.29	0.08	0.02	0.07	0.03	0.00
C1- Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	115	65	8	14.7	0.50	0.14	0.03	0.12	0.06	0.01
C1- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	39	8	6.9	0.26	0.19	0.05	0.07	0.08	0.01
Worker	859	39	8	14.7	3.72	1.02	0.22	0.93	0.44	0.06
C1- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	313	8	6.9	0.26	0.19	0.05	0.07	0.08	0.01
Worker	859	313	8	14.7	3.72	1.02	0.22	0.93	0.44	0.06
C1- Building Construction	2031									
Total Haul Trips	0									
Hauling	0	299	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	128	299	8	6.9	0.26	0.19	0.05	0.07	0.08	0.01
Worker	859	299	8	14.7	3.72	1.02	0.22	0.93	0.44	0.06
C1- Paving	2031									
Total Haul Trips	0									
Hauling	0	29	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	29	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	29	8	14.7	0.11	0.03	0.01	0.03	0.01	0.00
C1- Paving	2032									
Total Haul Trips	0									
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	20	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	20	8	14.7	0.11	0.03	0.01	0.03	0.01	0.00
C1- Architectural Coating	2032									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	172	49	8	14.7	0.74	0.20	0.04	0.19	0.09	0.01
C2- Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	65	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	65	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	100	65	8	14.7	0.43	0.12	0.03	0.11	0.05	0.01
C2- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	170	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	170	8	6.9	0.23	0.16	0.04	0.06	0.07	0.01
Worker	286	170	8	14.7	1.24	0.34	0.07	0.31	0.15	0.02
C2- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	313	8	6.9	0.23	0.16	0.04	0.06	0.07	0.01
Worker	286	313	8	14.7	1.24	0.34	0.07	0.31	0.15	0.02
C2- Building Construction	2031									
Total Haul Trips	0									
Hauling	0	169	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	111	169	8	6.9	0.23	0.16	0.04	0.06	0.07	0.01
Worker	286	169	8	14.7	1.24	0.34	0.07	0.31	0.15	0.02
C2- Paving	2031									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	49	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00
C2- Architectural Coating	2032									
Total Haul Trips	0									
Hauling	0	49	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	49	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	57	49	8	14.7	0.25	0.07	0.01	0.06	0.03	0.00
C3- Site Preparation	2030									
Total Haul Trips	0									
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	35	53	8	14.7	0.15	0.04	0.01	0.04	0.02	0.00
C3- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	237	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	237	8	6.9	0.06	0.04	0.01	0.01	0.02	0.00
Worker	150	237	8	14.7	0.65	0.18	0.04	0.16	0.08	0.01

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
		PM10			PM2.5	
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
						PM10			PM2.5	
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
C3- Building Construction	2031									
Total Haul Trips	0									
Hauling	0	289	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	29	289	8	6.9	0.06	0.04	0.01	0.01	0.02	0.00
Worker	150	289	8	14.7	0.65	0.18	0.04	0.16	0.08	0.01
C3- Paving	2031									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	39	8	14.7	0.06	0.02	0.00	0.01	0.01	0.00
C3- Architectural Coating	2031									
Total Haul Trips	0									
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	9	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00
C3- Architectural Coating	2032									
Total Haul Trips	0									
Hauling	0	30	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00
D1-Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	33	53	8	14.7	0.14	0.04	0.01	0.04	0.02	0.00
D1- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	260	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	260	8	6.9	0.11	0.08	0.02	0.03	0.03	0.01
Worker	366	260	8	14.7	1.58	0.44	0.09	0.40	0.19	0.02
D1- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	56	267	8	6.9	0.11	0.08	0.02	0.03	0.03	0.01
Worker	366	267	8	14.7	1.58	0.44	0.09	0.40	0.19	0.02
D1- Paving	2030									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
D1- Architectural Coating	2030									
Total Haul Trips	0									
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	8	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	8	8	14.7	0.32	0.09	0.02	0.08	0.04	0.00
D1- Architectural Coating	2031									
Total Haul Trips	0									
Hauling	0	31	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	31	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	73	31	8	14.7	0.32	0.09	0.02	0.08	0.04	0.00
D4- Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	57	8	14.7	0.29	0.08	0.02	0.07	0.03	0.00
D4- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	183	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	183	8	6.9	0.25	0.18	0.04	0.06	0.08	0.01
Worker	315	183	8	14.7	1.36	0.38	0.08	0.34	0.16	0.02
D4- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	313	8	6.9	0.25	0.18	0.04	0.06	0.08	0.01
Worker	315	313	8	14.7	1.36	0.38	0.08	0.34	0.16	0.02
D4- Building Construction	2031									
Total Haul Trips	0									
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	123	72	8	6.9	0.25	0.18	0.04	0.06	0.08	0.01
Worker	315	72	8	14.7	1.36	0.38	0.08	0.34	0.16	0.02
D4- Paving	2031									
Total Haul Trips	0									
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	43	8	14.7	0.09	0.02	0.01	0.02	0.01	0.00
D4- Architectural Coating	2031									
Total Haul Trips	0									
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	63	43	8	14.7	0.27	0.08	0.02	0.07	0.03	0.00

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
					PM10			PM2.5		
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
D5-D6- Site Preparation	2023									
Total Haul Trips	0									
Hauling	0	57	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	57	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	57	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00
D5-D6- Building Constructio	2023									
Total Haul Trips	0									
Hauling	0	22	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	22	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	22	8	14.7	0.10	0.03	0.01	0.03	0.01	0.00
D5-D6- Building Constructio	2024									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	313	8	14.7	0.10	0.03	0.01	0.03	0.01	0.00
D5-D6- Building Constructio	2025									
Total Haul Trips	0									
Hauling	0	234	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	234	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	234	8	14.7	0.10	0.03	0.01	0.03	0.01	0.00
D5-D6- Paving	2025									
Total Haul Trips	0									
Hauling	0	43	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	43	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	43	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
D5-D6- Architectural Coatin	2025									
Total Haul Trips	0									
Hauling	0	37	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	37	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	37	8	14.7	0.02	0.01	0.00	0.01	0.00	0.00
D5-D6- Architectural Coatin	2026									
Total Haul Trips	0									
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	6	8	14.7	0.02	0.01	0.00	0.01	0.00	0.00
D7- Site Preparation	2025									
Total Haul Trips	0									
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	59	8	14.7	0.21	0.06	0.01	0.05	0.02	0.00
D7- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	99	8	6.9	0.20	0.14	0.03	0.05	0.06	0.01
Worker	245	99	8	14.7	1.06	0.29	0.06	0.27	0.13	0.02
D7- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	313	8	6.9	0.20	0.14	0.03	0.05	0.06	0.01
Worker	245	313	8	14.7	1.06	0.29	0.06	0.27	0.13	0.02
D7- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	96	178	8	6.9	0.20	0.14	0.03	0.05	0.06	0.01
Worker	245	178	8	14.7	1.06	0.29	0.06	0.27	0.13	0.02
D7- Paving	2027									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
D7- Architectural Coating	2027									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	49	44	8	14.7	0.21	0.06	0.01	0.05	0.03	0.00
D8-D13- Site Preparation	2023									
Total Haul Trips	0									
Hauling	0	111	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	111	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	43	111	8	14.7	0.19	0.05	0.01	0.05	0.02	0.00
D8-D13- Building Construct	2023									
Total Haul Trips	0									
Hauling	0	72	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	72	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	72	8	14.7	0.10	0.03	0.01	0.03	0.01	0.00
D8-D13- Building Construct	2024									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	313	8	14.7	0.10	0.03	0.01	0.03	0.01	0.00

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
		PM10			PM2.5	
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
						PM10			PM2.5	
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
D8-D13- Building Construct	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	313	8	14.7	0.10	0.03	0.01	0.03	0.01	0.00
D8-D13- Building Construct	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	313	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	313	8	14.7	0.10	0.03	0.01	0.03	0.01	0.00
D8-D13- Building Construct	2027									
Total Haul Trips	0									
Hauling	0	101	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	9	101	8	6.9	0.02	0.01	0.00	0.00	0.01	0.00
Worker	24	101	8	14.7	0.10	0.03	0.01	0.03	0.01	0.00
D8-D13- Paving	2027									
Total Haul Trips	0									
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	83	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
D8-D13- Architectural Coati	2027									
Total Haul Trips	0									
Hauling	0	83	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	83	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	83	8	14.7	0.02	0.01	0.00	0.01	0.00	0.00
E1.1- Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	68	46	8	14.7	0.29	0.08	0.02	0.07	0.03	0.00
E1.1- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	267	8	6.9	0.20	0.14	0.04	0.05	0.06	0.01
Worker	630	267	8	14.7	2.73	0.75	0.16	0.68	0.32	0.04
E1.1- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	98	197	8	6.9	0.20	0.14	0.04	0.05	0.06	0.01
Worker	630	197	8	14.7	2.73	0.75	0.16	0.68	0.32	0.04
E1.1- Paving	2025									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	35	8	14.7	0.09	0.02	0.01	0.02	0.01	0.00
E1.1- Architectural Coating	2025									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	126	35	8	14.7	0.55	0.15	0.03	0.14	0.06	0.01
E1.2- Site Preparation	2023									
Total Haul Trips	0									
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	75	59	8	14.7	0.32	0.09	0.02	0.08	0.04	0.00
E1.2- Building Construction	2023									
Total Haul Trips	0									
Hauling	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	20	8	6.9	0.37	0.27	0.07	0.09	0.11	0.02
Worker	470	20	8	14.7	2.03	0.56	0.12	0.51	0.24	0.03
E1.2- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	313	8	6.9	0.37	0.27	0.07	0.09	0.11	0.02
Worker	470	313	8	14.7	2.03	0.56	0.12	0.51	0.24	0.03
E1.2- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	257	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	184	257	8	6.9	0.37	0.27	0.07	0.09	0.11	0.02
Worker	470	257	8	14.7	2.03	0.56	0.12	0.51	0.24	0.03
E1.2- Paving	2025									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	44	8	14.7	0.16	0.05	0.01	0.04	0.02	0.00
E1.2- Architectural Coating	2025									
Total Haul Trips	0									
Hauling	0	12	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	12	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	12	8	14.7	0.41	0.11	0.02	0.10	0.05	0.01

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
					PM10			PM2.5		
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
E1.2- Architectural Coating	2026									
Total Haul Trips	0									
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	94	32	8	14.7	0.41	0.11	0.02	0.10	0.05	0.01
F1-F2- Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	110	61	8	14.7	0.48	0.13	0.03	0.12	0.06	0.01
F1-F2- Building Constructio	2024									
Total Haul Trips	0									
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	122	8	6.9	0.63	0.45	0.11	0.16	0.19	0.03
Worker	790	122	8	14.7	3.42	0.94	0.20	0.85	0.40	0.05
F1-F2- Building Constructio	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	313	8	6.9	0.63	0.45	0.11	0.16	0.19	0.03
Worker	790	313	8	14.7	3.42	0.94	0.20	0.85	0.40	0.05
F1-F2- Building Constructio	2026									
Total Haul Trips	0									
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	308	175	8	6.9	0.63	0.45	0.11	0.16	0.19	0.03
Worker	790	175	8	14.7	3.42	0.94	0.20	0.85	0.40	0.05
F1-F2- Paving	2026									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	50	46	8	14.7	0.22	0.06	0.01	0.05	0.03	0.00
F1-F2- Architectural Coatin	2026									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	158	46	8	14.7	0.68	0.19	0.04	0.17	0.08	0.01
F3- Site Preparation	2025									
Total Haul Trips	0									
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	53	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00
F3- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	210	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	210	8	6.9	0.30	0.22	0.05	0.08	0.09	0.01
Worker	379	210	8	14.7	1.64	0.45	0.10	0.41	0.19	0.02
F3- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.30	0.22	0.05	0.08	0.09	0.01
Worker	379	313	8	14.7	1.64	0.45	0.10	0.41	0.19	0.02
F3- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	4	8	6.9	0.30	0.22	0.05	0.08	0.09	0.01
Worker	379	4	8	14.7	1.64	0.45	0.10	0.41	0.19	0.02
F3- Paving	2027									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
F3- Architectural Coating	2027									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	39	8	14.7	0.33	0.09	0.02	0.08	0.04	0.00
F4- Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	61	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	61	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	61	8	14.7	0.16	0.05	0.01	0.04	0.02	0.00
F4- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	122	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	122	8	6.9	0.12	0.09	0.02	0.03	0.04	0.01
Worker	311	122	8	14.7	1.35	0.37	0.08	0.34	0.16	0.02
F4- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	313	8	6.9	0.12	0.09	0.02	0.03	0.04	0.01
Worker	311	313	8	14.7	1.35	0.37	0.08	0.34	0.16	0.02

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
					PM10			PM2.5		
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
F4- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	175	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	60	175	8	6.9	0.12	0.09	0.02	0.03	0.04	0.01
Worker	311	175	8	14.7	1.35	0.37	0.08	0.34	0.16	0.02
F4- Paving	2026									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	46	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
F4- Architectural Coating	2026									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	46	8	14.7	0.27	0.07	0.02	0.07	0.03	0.00
F5- Site Preparation	2022									
Total Haul Trips	0									
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00
F5- Building Construction	2022									
Total Haul Trips	0									
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	8	8	6.9	0.03	0.02	0.01	0.01	0.01	0.00
Worker	37	8	8	14.7	0.16	0.04	0.01	0.04	0.02	0.00
F5- Building Construction	2023									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.03	0.02	0.01	0.01	0.01	0.00
Worker	37	313	8	14.7	0.16	0.04	0.01	0.04	0.02	0.00
F5- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	313	8	6.9	0.03	0.02	0.01	0.01	0.01	0.00
Worker	37	313	8	14.7	0.16	0.04	0.01	0.04	0.02	0.00
F5- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	14	81	8	6.9	0.03	0.02	0.01	0.01	0.01	0.00
Worker	37	81	8	14.7	0.16	0.04	0.01	0.04	0.02	0.00
F5- Paving	2025									
Total Haul Trips	0									
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
F5- Architectural Coating	2025									
Total Haul Trips	0									
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	7	54	8	14.7	0.03	0.01	0.00	0.01	0.00	0.00
F6- Site Preparation	2022									
Total Haul Trips	0									
Hauling	0	71	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	71	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	71	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00
F6- Building Construction	2022									
Total Haul Trips	0									
Hauling	0	8	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	8	8	6.9	0.08	0.06	0.01	0.02	0.02	0.00
Worker	257	8	8	14.7	1.11	0.31	0.07	0.28	0.13	0.02
F6- Building Construction	2023									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.08	0.06	0.01	0.02	0.02	0.00
Worker	257	313	8	14.7	1.11	0.31	0.07	0.28	0.13	0.02
F6- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	313	8	6.9	0.08	0.06	0.01	0.02	0.02	0.00
Worker	257	313	8	14.7	1.11	0.31	0.07	0.28	0.13	0.02
F6- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	81	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	40	81	8	6.9	0.08	0.06	0.01	0.02	0.02	0.00
Worker	257	81	8	14.7	1.11	0.31	0.07	0.28	0.13	0.02
F6- Paving	2025									
Total Haul Trips	0									
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	54	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
		PM10			PM2.5	
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
						PM10			PM2.5	
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
F6- Architectural Coating	2025									
Total Haul Trips	0									
Hauling	0	54	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	54	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	51	54	8	14.7	0.22	0.06	0.01	0.06	0.03	0.00
G1- Site Preparation	2025									
Total Haul Trips	0									
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0.16	0.05	0.01	0.04	0.02	0.00
G1- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	225	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	225	8	6.9	0.30	0.22	0.05	0.08	0.09	0.01
Worker	379	225	8	14.7	1.64	0.45	0.10	0.41	0.19	0.02
G1- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	313	8	6.9	0.30	0.22	0.05	0.08	0.09	0.01
Worker	379	313	8	14.7	1.64	0.45	0.10	0.41	0.19	0.02
G1- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	50	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	148	50	8	6.9	0.30	0.22	0.05	0.08	0.09	0.01
Worker	379	50	8	14.7	1.64	0.45	0.10	0.41	0.19	0.02
G1- Paving	2027									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
G1- Architectural Coating	2027									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	76	44	8	14.7	0.33	0.09	0.02	0.08	0.04	0.00
H1- Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	59	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	59	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	59	8	14.7	0.16	0.05	0.01	0.04	0.02	0.00
H1- Building Construction	2024									
Total Haul Trips	0									
Hauling	0	99	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	99	8	6.9	0.10	0.07	0.02	0.02	0.03	0.00
Worker	312	99	8	14.7	1.35	0.37	0.08	0.34	0.16	0.02
H1- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	313	8	6.9	0.10	0.07	0.02	0.02	0.03	0.00
Worker	312	313	8	14.7	1.35	0.37	0.08	0.34	0.16	0.02
H1- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	178	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	47	178	8	6.9	0.10	0.07	0.02	0.02	0.03	0.00
Worker	312	178	8	14.7	1.35	0.37	0.08	0.34	0.16	0.02
H1- Paving	2026									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	44	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
H1- Architectural Coating	2026									
Total Haul Trips	0									
Hauling	0	44	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	44	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	62	44	8	14.7	0.27	0.07	0.02	0.07	0.03	0.00
H2- Site Preparation	2029									
Total Haul Trips	0									
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	51	8	14.7	0.13	0.04	0.01	0.03	0.02	0.00
H2- Building Construction	2029									
Total Haul Trips	0									
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	263	8	6.9	0.08	0.05	0.01	0.02	0.02	0.00
Worker	241	263	8	14.7	1.04	0.29	0.06	0.26	0.12	0.02
H2- Building Construction	2030									
Total Haul Trips	0									
Hauling	0	242	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	242	8	6.9	0.08	0.05	0.01	0.02	0.02	0.00
Worker	241	242	8	14.7	1.04	0.29	0.06	0.26	0.12	0.02

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
					PM10			PM2.5		
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
H2- Paving	2030									
Total Haul Trips	0									
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	37	38	8	6.9	0.08	0.05	0.01	0.02	0.02	0.00
Worker	241	38	8	14.7	1.04	0.29	0.06	0.26	0.12	0.02
H2- Architectural Coating	2030									
Total Haul Trips	0									
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	32	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
H2- Architectural Coating	2031									
Total Haul Trips	0									
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	48	6	8	14.7	0.21	0.06	0.01	0.05	0.02	0.00
H3- Site Preparation	2025									
Total Haul Trips	0									
Hauling	0	63	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	63	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	80	63	8	14.7	0.35	0.10	0.02	0.09	0.04	0.01
H3- Building Construction	2025									
Total Haul Trips	0									
Hauling	0	105	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	105	8	6.9	0.28	0.20	0.05	0.07	0.09	0.01
Worker	865	105	8	14.7	3.74	1.03	0.22	0.94	0.44	0.06
H3- Building Construction	2026									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	313	8	6.9	0.28	0.20	0.05	0.07	0.09	0.01
Worker	865	313	8	14.7	3.74	1.03	0.22	0.94	0.44	0.06
H3- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	214	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	138	214	8	6.9	0.28	0.20	0.05	0.07	0.09	0.01
Worker	865	214	8	14.7	3.74	1.03	0.22	0.94	0.44	0.06
H3- Paving	2027									
Total Haul Trips	0									
Hauling	0	47	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	47	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	25	47	8	14.7	0.11	0.03	0.01	0.03	0.01	0.00
H3- Architectural Coating	2027									
Total Haul Trips	0									
Hauling	0	42	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	42	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	42	8	14.7	0.75	0.21	0.04	0.19	0.09	0.01
H3- Architectural Coating	2028									
Total Haul Trips	0									
Hauling	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	173	5	8	14.7	0.75	0.21	0.04	0.19	0.09	0.01
H4- Site Preparation	2027									
Total Haul Trips	0									
Hauling	0	51	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	51	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	38	51	8	14.7	0.16	0.05	0.01	0.04	0.02	0.00
H4- Building Construction	2027									
Total Haul Trips	0									
Hauling	0	263	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	263	8	6.9	0.13	0.09	0.02	0.03	0.04	0.01
Worker	425	263	8	14.7	1.84	0.51	0.11	0.46	0.22	0.03
H4- Building Construction	2028									
Total Haul Trips	0									
Hauling	0	243	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	65	243	8	6.9	0.13	0.09	0.02	0.03	0.04	0.01
Worker	425	243	8	14.7	1.84	0.51	0.11	0.46	0.22	0.03
H4- Paving	2028									
Total Haul Trips	0									
Hauling	0	38	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	38	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	38	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
H4- Architectural Coating	2028									
Total Haul Trips	0									
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	6	8	14.7	0.37	0.10	0.02	0.09	0.04	0.01
H4- Architectural Coating	2029									
Total Haul Trips	0									
Hauling	0	32	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	32	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	85	32	8	14.7	0.37	0.10	0.02	0.09	0.04	0.01

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
		PM10			PM2.5	
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
						PM10			PM2.5	
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
150 SM Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	53	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	53	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	53	8	14.7	0.12	0.03	0.01	0.03	0.01	0.00
150 SM Building Constructi	2024									
Total Haul Trips	0									
Hauling	0	26	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	26	8	6.9	0.01	0.00	0.00	0.00	0.00	0.00
Worker	7	26	8	14.7	0.03	0.01	0.00	0.01	0.00	0.00
150 SM Building Constructi	2025									
Total Haul Trips	0									
Hauling	0	313	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	313	8	6.9	0.01	0.00	0.00	0.00	0.00	0.00
Worker	7	313	8	14.7	0.03	0.01	0.00	0.01	0.00	0.00
150 SM Building Constructi	2026									
Total Haul Trips	0									
Hauling	0	188	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3	188	8	6.9	0.01	0.00	0.00	0.00	0.00	0.00
Worker	7	188	8	14.7	0.03	0.01	0.00	0.01	0.00	0.00
150 SM Paving	2026									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	39	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
150 SM Architectural Coati	2026									
Total Haul Trips	0									
Hauling	0	39	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	39	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	39	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
40 SM Site Preparation	2024									
Total Haul Trips	0									
Hauling	0	46	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	46	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	28	46	8	14.7	0.12	0.03	0.01	0.03	0.01	0.00
40 SM Building Constructio	2024									
Total Haul Trips	0									
Hauling	0	267	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	267	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	267	8	14.7	0.02	0.01	0.00	0.01	0.00	0.00
40 SM Building Constructio	2025									
Total Haul Trips	0									
Hauling	0	197	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	2	197	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	5	197	8	14.7	0.02	0.01	0.00	0.01	0.00	0.00
40 SM Paving	2025									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	35	8	14.7	0.06	0.02	0.00	0.02	0.01	0.00
40 SM Architectural Coatin	2025									
Total Haul Trips	0									
Hauling	0	35	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	35	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	1	35	8	14.7	0.00	0.00	0.00	0.00	0.00	0.00
LTA B1-1 Paving	2025									
Total Haul Trips	0									
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00
LTA B1-2 Paving	2025									
Total Haul Trips	0									
Hauling	0	4	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	4	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	4	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00
LTA B1-3 Paving	2025									
Total Haul Trips	0									
Hauling	0	24	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	24	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	24	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00
LTA B1-4 Paving	2025									
Total Haul Trips	0									
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00
LTA B1-4 Paving	2025									
Total Haul Trips	0									
Hauling	0	9	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	9	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	9	8	14.7	0.04	0.01	0.00	0.01	0.01	0.00

Downtown West San Jose Mixed Use Development
Mitigated Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
2021Hauling Hauling	1.34E-01	0.061181291	0.03566649	2.00E-02	0.02622055	0.00891662
2021Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.93E-03
2021Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2022Hauling Hauling	1.34E-01	0.061032009	0.03557911	2.00E-02	0.02615658	0.00889478
2022Vendor Vendor	1.34E-01	9.56E-02	2.37E-02	3.34E-02	4.10E-02	5.94E-03
2022Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2023Hauling Hauling	1.34E-01	0.061023771	0.03557394	2.00E-02	0.02615304	0.00889348
2023Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2023Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2024Hauling Hauling	1.34E-01	0.061056323	0.03559249	2.00E-02	0.026167	0.00889812
2024Vendor Vendor	1.34E-01	9.56E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2024Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2025Hauling Hauling	1.34E-01	0.061088765	0.03561091	2.00E-02	0.0261809	0.00890273
2025Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.94E-03
2025Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2026Hauling Hauling	1.34E-01	0.061115229	0.03562586	2.00E-02	0.02619224	0.00890646
2026Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2026Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2027Hauling Hauling	1.34E-01	0.061134151	0.03563647	2.00E-02	0.02620035	0.00890912
2027Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2027Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2028Hauling Hauling	1.34E-01	0.061156017	0.03564883	2.00E-02	0.02620972	0.00891221
2028Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2028Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2029Hauling Hauling	1.34E-01	0.061183487	0.03566447	2.00E-02	0.02622149	0.00891612
2029Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2029Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2030Hauling Hauling	1.34E-01	0.061206591	0.03567764	2.00E-02	0.0262314	0.00891941
2030Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2030Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2031Hauling Hauling	1.34E-01	0.061219767	0.03568507	2.00E-02	0.02623704	0.00892127
2031Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.95E-03
2031Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002
2032Hauling Hauling	1.34E-01	0.06122681	0.03568897	2.00E-02	0.02624006	0.00892224
2032Vendor Vendor	1.34E-01	9.57E-02	2.38E-02	3.34E-02	4.10E-02	5.96E-03
2032Worker Worker	1.34E-01	0.036750011	0.008	3.34E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Regional Emissions (pounds/day)					
					PM10			PM2.5		
		(days)	(hours/day)	(miles)	RD	BW	TW	RD	BW	TW
Phase 1- Demolition only	2021									
Total Haul Trips	975									
Hauling	4	313	8	15	0.02	0.01	0.00	0.00	0.00	0.00
Vendor	0	313	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	313	8	14.7	0.61	0.17	0.04	0.15	0.07	0.01
Phase 1- Demolition only	2022									
Total Haul Trips	244									
Hauling	4	78	8	15	0.02	0.01	0.00	0.00	0.00	0.00
Vendor	0	78	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	78	8	14.7	0.61	0.17	0.04	0.15	0.07	0.01
Phase 2- Demolition only	2025									
Total Haul Trips	1910									
Hauling	9	235	8	15	0.04	0.02	0.01	0.01	0.01	0.00
Vendor	0	235	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	235	8	14.7	0.61	0.17	0.04	0.15	0.07	0.01
Phase 3- Demolition only	2027									
Total Haul Trips	166									
Hauling	2	104	8	15	0.01	0.00	0.00	0.00	0.00	0.00
Vendor	0	104	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	104	8	14.7	0.61	0.17	0.04	0.15	0.07	0.01
Phase 3- Demolition only	2028									
Total Haul Trips	80									
Hauling	2	50	8	15	0.01	0.00	0.00	0.00	0.00	0.00
Vendor	0	50	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	140	50	8	14.7	0.61	0.17	0.04	0.15	0.07	0.01
West San Fernando Bridge- Demolition and Ped Bridge	2022									
Total Haul Trips	500									
Hauling	5	105	8	15	0.02	0.01	0.01	0.00	0.00	0.00
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	44	105	8	14.7	0.19	0.05	0.01	0.05	0.02	0.00
West San Fernando Bridge- Abutment/Bent Construction	2023									
Total Haul Trips	333									
Hauling	4	105	8	15	0.02	0.01	0.00	0.00	0.00	0.00
Vendor	0	105	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	105	8	14.7	0.09	0.02	0.01	0.02	0.01	0.00
West San Fernando Bridge- Superstructure	2023									
Total Haul Trips	0									
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	77	8	14.7	0.09	0.02	0.01	0.02	0.01	0.00
West San Fernando Bridge- Superstructure	2024									
Total Haul Trips	0									
Hauling	0	77	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1	77	8	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	77	8	14.7	0.09	0.02	0.01	0.02	0.01	0.00

C1.e **Demolition Emissions**

DEMOLITION EMISSIONS (tons/year)

Phase	Construction Phase	Year	ROG	NOX	PM10 EXH	PM10 FUG	PM2.5 EXH	PM2.5 FUG	CO2e	Value_ROG	Value_NOX	Value_PM10 EXH	Value_PM10 FUG	Value_PM2.5 EXH	Value_PM2.5FUG	Value_CO2e
1	Demolition	2021	0.2432	2.0048	0.0716	0.0475	0.0674	7.1900e-003	1,223.8193	0.2432	2.0048	0.0716	0.0475	0.0674	0.00719	1223.8193
1	Demolition	2022	0.0580	0.4738	0.0153	0.0118	0.0145	1.7900e-003	305.0228	0.058	0.4738	0.0153	0.0118	0.0145	0.00179	305.0228
2	Demolition	2025	0.1299	0.8950	0.0161	0.0930	0.0161	0.0141	919.4131	0.1299	0.895	0.0161	0.093	0.0161	0.0141	919.4131
3	Demolition	2027	0.0581	0.3999	7.2100e-003	8.1200e-003	7.2100e-003	1.2300e-003	410.8016	0.0581	0.3999	0.00721	0.00812	0.00721	0.00123	410.8016
3	Demolition	2028	0.0276	0.1904	3.4300e-003	3.8700e-003	3.4300e-003	5.9000e-004	195.6198	0.0276	0.1904	0.00343	0.00387	0.00343	0.00059	195.6198

Phase 1 Demolition only - Santa Clara County, Annual

Phase 1 Demolition only

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	268.00	1000sqft	34.89	268,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 34.89 acres

Construction Phase - per demo schedule

Off-road Equipment - per construction equipment list

On-road Fugitive Dust - composite SL

Demolition -

Construction Off-road Equipment Mitigation - 2x watering, Tier 4 Final equipment

Waste Mitigation -

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	50.00	391.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblLandUse	LotAcreage	6.15	34.89

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOnRoadDust	RoadSiltLoading	0.10	0.04
tblProjectCharacteristics	CO2IntensityFactor	641.35	210

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	1.1977	9.8714	10.4079	0.0199	0.1312	0.4959	0.6272	0.0429	0.4735	0.5164	0.0000	1,726.7679	1,726.7679	0.3388	0.0000	1,735.2383
2022	0.2668	2.1341	2.5399	4.9300e-003	0.0327	0.1024	0.1351	0.0113	0.0979	0.1092	0.0000	428.9403	428.9403	0.0837	0.0000	431.0324
Maximum	**1.1977**	**9.8714**	**10.4079**	**0.0199**	**0.1312**	**0.4959**	**0.6272**	**0.0429**	**0.4735**	**0.5164**	**0.0000**	**1,726.7679**	**1,726.7679**	**0.3388**	**0.0000**	**1,735.2383**

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	0.3145	2.1820	8.9892	0.0199	0.1418	0.0731	0.2149	0.0341	0.0688	0.1029	0.0000	1,396.9882	1,396.9882	0.3018	0.0000	1,404.5324

2022	0.0746	0.5142	2.2273	4.9300e-003	0.0379	0.0157	0.0535	9.1300e-003	0.0148	0.0239	0.0000	346.7588	346.7588	0.0748	0.0000	348.6289
Maximum	**0.3145**	**2.1820**	**8.9892**	**0.0199**	**0.1418**	**0.0731**	**0.2149**	**0.0341**	**0.0688**	**0.1029**	**0.0000**	**1,396.9882**	**1,396.9882**	**0.3018**	**0.0000**	**1,404.5324**

	ROG	NOx	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	**73.44**	**77.54**	**13.37**	**0.00**	**-9.57**	**85.17**	**64.79**	**20.26**	**85.37**	**79.73**	**0.00**	**19.11**	**19.11**	**10.87**	**0.00**	**19.07**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
5	**1-1-2021**	**3-31-2021**	2.7312	0.6184
6	**4-1-2021**	**6-30-2021**	2.7573	0.6210
7	**7-1-2021**	**9-30-2021**	2.7876	0.6279
8	**10-1-2021**	**12-31-2021**	2.7919	0.6321
9	**1-1-2022**	**3-31-2022**	2.3774	0.5851
10	**4-1-2022**	**6-30-2022**	0.0264	0.0065
		Highest	2.7919	0.6321

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	1.1867	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Energy	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	588.1363	588.1363	0.0364	0.0129	592.9016
Mobile	0.3269	1.2799	4.2198	0.0158	1.5316	0.0121	1.5437	0.4100	0.0113	0.4212	0.0000	1,446.7236	1,446.7236	0.0444	0.0000	1,447.8331
Waste						0.0000	0.0000		0.0000	0.0000	67.4580	0.0000	67.4580	3.9867	0.0000	167.1242
Water						0.0000	0.0000		0.0000	0.0000	19.6618	31.9433	51.6051	2.0239	0.0486	116.6835
Total	**1.5517**	**1.6265**	**4.5133**	**0.0179**	**1.5316**	**0.0385**	**1.5701**	**0.4100**	**0.0376**	**0.4476**	**87.1198**	**2,066.8080**	**2,153.9277**	**6.0913**	**0.0615**	**2,324.5475**

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	1.1867	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Energy	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	588.1363	588.1363	0.0364	0.0129	592.9016
Mobile	0.3269	1.2799	4.2198	0.0158	1.5316	0.0121	1.5437	0.4100	0.0113	0.4212	0.0000	1,446.7236	1,446.7236	0.0444	0.0000	1,447.8331
Waste						0.0000	0.0000		0.0000	0.0000	67.4580	0.0000	67.4580	3.9867	0.0000	167.1242
Water						0.0000	0.0000		0.0000	0.0000	19.6618	31.9433	51.6051	2.0239	0.0486	116.6835
Total	**1.5517**	**1.6265**	**4.5133**	**0.0179**	**1.5316**	**0.0385**	**1.5701**	**0.4100**	**0.0376**	**0.4476**	**87.1198**	**2,066.8080**	**2,153.9277**	**6.0913**	**0.0615**	**2,324.5475**

	ROG	NOx	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**

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	4/1/2022	6	391	

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Aerial Lifts	4	2.00	63	0.31
Demolition	Air Compressors	4	2.00	78	0.48
Demolition	Concrete/Industrial Saws	8	2.00	81	0.73
Demolition	Crushing/Proc. Equipment	4	4.00	85	0.78
Demolition	Excavators	4	6.00	158	0.38
Demolition	Forklifts	2	2.00	89	0.20
Demolition	Generator Sets	4	4.00	84	0.74
Demolition	Off-Highway Trucks	2	0.50	402	0.38
Demolition	Off-Highway Trucks	2	4.00	402	0.38
Demolition	Off-Highway Trucks	4	1.00	402	0.38
Demolition	Pressure Washers	2	1.00	13	0.30
Demolition	Rubber Tired Dozers	2	4.00	247	0.40
Demolition	Skid Steer Loaders	4	6.00	65	0.37
Demolition	Sweepers/Scrubbers	2	3.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	6.00	97	0.37
Demolition	Welders	4	4.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	56	140.00	0.00	1,219.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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					
Fugitive Dust					0.1056	0.0000	0.1056	0.0160	0.0000	0.0160	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1264	9.6942	9.8783	0.0179		0.4944	0.4944		0.4721	0.4721	0.0000	1,546.1782	1,546.1782	0.3339	0.0000	1,554.5252
Total	**1.1264**	**9.6942**	**9.8783**	**0.0179**	**0.1056**	**0.4944**	**0.6000**	**0.0160**	**0.4721**	**0.4881**	**0.0000**	**1,546.1782**	**1,546.1782**	**0.3339**	**0.0000**	**1,554.5252**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.8300e-003	0.1305	0.0284	3.8000e-004	2.0800e-003	4.1000e-004	2.4800e-003	1.5800e-003	3.9000e-004	1.9700e-003	0.0000	36.7414	36.7414	1.6700e-003	0.0000	36.7831
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0467	0.5012	1.5900e-003	0.0236	1.0900e-003	0.0247	0.0254	1.0100e-003	0.0264	0.0000	143.8483	143.8483	3.2700e-003	0.0000	143.9301
Total	**0.0713**	**0.1772**	**0.5296**	**1.9700e-003**	**0.0256**	**1.5000e-003**	**0.0271**	**0.0269**	**1.4000e-003**	**0.0283**	**0.0000**	**180.5897**	**180.5897**	**4.9400e-003**	**0.0000**	**180.7132**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0475	0.0000	0.0475	7.1900e-003	0.0000	7.1900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2432	2.0048	8.4596	0.0179		0.0716	0.0716		0.0674	0.0674	0.0000	1,216.3985	1,216.3985	0.2968	0.0000	1,223.8193
Total	**0.2432**	**2.0048**	**8.4596**	**0.0179**	**0.0475**	**0.0716**	**0.1191**	**7.1900e-003**	**0.0674**	**0.0746**	**0.0000**	**1,216.3985**	**1,216.3985**	**0.2968**	**0.0000**	**1,223.8193**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.8300e-003	0.1305	0.0284	3.8000e-004	5.4400e-003	4.1000e-004	5.8500e-003	1.5800e-003	3.9000e-004	1.9700e-003	0.0000	36.7414	36.7414	1.6700e-003	0.0000	36.7831
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0467	0.5012	1.5900e-003	0.0888	1.0900e-003	0.0899	0.0254	1.0100e-003	0.0264	0.0000	143.8483	143.8483	3.2700e-003	0.0000	143.9301
Total	**0.0713**	**0.1772**	**0.5296**	**1.9700e-003**	**0.0943**	**1.5000e-003**	**0.0958**	**0.0269**	**1.4000e-003**	**0.0283**	**0.0000**	**180.5897**	**180.5897**	**4.9400e-003**	**0.0000**	**180.7132**

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					
Fugitive Dust					0.0263	0.0000	0.0263	3.9800e-003	0.0000	3.9800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2502	2.0938	2.4181	4.4600e-003		0.1020	0.1020		0.0976	0.0976	0.0000	385.3627	385.3627	0.0826	0.0000	387.4264

Total	**0.2502**	**2.0938**	**2.4181**	**4.4600e-003**	**0.0263**	**0.1020**	**0.1283**	**3.9800e-003**	**0.0976**	**0.1016**	**0.0000**	**385.3627**	**385.3627**	**0.0826**	**0.0000**	**387.4264**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-004	0.0299	6.9600e-003	9.0000e-005	5.2000e-004	9.0000e-005	6.0000e-004	1.0100e-003	8.0000e-005	1.1000e-003	0.0000	9.0326	9.0326	4.1000e-004	0.0000	9.0427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0157	0.0105	0.1148	3.8000e-004	5.8700e-003	2.7000e-004	6.1400e-003	6.3200e-003	2.5000e-004	6.5700e-003	0.0000	34.5451	34.5451	7.3000e-004	0.0000	34.5634
Total	**0.0166**	**0.0403**	**0.1218**	**4.7000e-004**	**6.3900e-003**	**3.6000e-004**	**6.7400e-003**	**7.3300e-003**	**3.3000e-004**	**7.6700e-003**	**0.0000**	**43.5776**	**43.5776**	**1.1400e-003**	**0.0000**	**43.6061**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0118	0.0000	0.0118	1.7900e-003	0.0000	1.7900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0580	0.4738	2.1055	4.4600e-003		0.0153	0.0153		0.0145	0.0145	0.0000	303.1811	303.1811	0.0737	0.0000	305.0228
Total	**0.0580**	**0.4738**	**2.1055**	**4.4600e-003**	**0.0118**	**0.0153**	**0.0271**	**1.7900e-003**	**0.0145**	**0.0163**	**0.0000**	**303.1811**	**303.1811**	**0.0737**	**0.0000**	**305.0228**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-004	0.0299	6.9600e-003	9.0000e-005	3.8800e-003	9.0000e-005	3.9700e-003	1.0100e-003	8.0000e-005	1.1000e-003	0.0000	9.0326	9.0326	4.1000e-004	0.0000	9.0427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0157	0.0105	0.1148	3.8000e-004	0.0221	2.7000e-004	0.0224	6.3200e-003	2.5000e-004	6.5700e-003	0.0000	34.5451	34.5451	7.3000e-004	0.0000	34.5634
Total	**0.0166**	**0.0403**	**0.1218**	**4.7000e-004**	**0.0260**	**3.6000e-004**	**0.0264**	**7.3300e-003**	**3.3000e-004**	**7.6700e-003**	**0.0000**	**43.5776**	**43.5776**	**1.1400e-003**	**0.0000**	**43.6061**

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	tons/yr										MT/yr					
Mitigated	0.3269	1.2799	4.2198	0.0158	1.5316	0.0121	1.5437	0.4100	0.0113	0.4212	0.0000	1,446.7236	1,446.7236	0.0444	0.0000	1,447.8331
Unmitigated	0.3269	1.2799	4.2198	0.0158	1.5316	0.0121	1.5437	0.4100	0.0113	0.4212	0.0000	1,446.7236	1,446.7236	0.0444	0.0000	1,447.8331

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	1,867.96	353.76	182.24	4,118,930	4,118,930

Total	1,867.96	353.76	182.24	4,118,930	4,118,930

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
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	0.612822	0.036208	0.182365	0.105071	0.013933	0.005011	0.012748	0.021514	0.002168	0.001529	0.005280	0.000629	0.000720

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	210.8628	210.8628	0.0291	6.0200e-003	213.3861
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	210.8628	210.8628	0.0291	6.0200e-003	213.3861
NaturalGas Mitigated	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	377.2736	377.2736	7.2300e-003	6.9200e-003	379.5155
NaturalGas Unmitigated	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	377.2736	377.2736	7.2300e-003	6.9200e-003	379.5155

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	7.06984e+006	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	377.2736	377.2736	7.2300e-003	6.9200e-003	379.5155
Total		**0.0381**	**0.3466**	**0.2911**	**2.0800e-003**		**0.0263**	**0.0263**		**0.0263**	**0.0263**	**0.0000**	**377.2736**	**377.2736**	**7.2300e-003**	**6.9200e-003**	**379.5155**

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					
General Light Industry	7.06984e+006	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	377.2736	377.2736	7.2300e-003	6.9200e-003	379.5155
Total		**0.0381**	**0.3466**	**0.2911**	**2.0800e-003**		**0.0263**	**0.0263**		**0.0263**	**0.0263**	**0.0000**	**377.2736**	**377.2736**	**7.2300e-003**	**6.9200e-003**	**379.5155**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	2.21368e+006	210.8628	0.0291	6.0200e-003	213.3861

Total		**210.8628**	**0.0291**	**6.0200e-003**	**213.3861**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	2.21368e+006	210.8628	0.0291	6.0200e-003	213.3861
Total		**210.8628**	**0.0291**	**6.0200e-003**	**213.3861**

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	1.1867	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Unmitigated	1.1867	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003

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	0.1398					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0467					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.3000e-004	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Total	**1.1867**	**2.0000e-005**	**2.4600e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**4.7900e-003**	**4.7900e-003**	**1.0000e-005**	**0.0000**	**5.1000e-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	0.1398					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0467					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.3000e-004	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Total	**1.1867**	**2.0000e-005**	**2.4600e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**4.7900e-003**	**4.7900e-003**	**1.0000e-005**	**0.0000**	**5.1000e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	51.6051	2.0239	0.0486	116.6835
Unmitigated	51.6051	2.0239	0.0486	116.6835

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	61.975 / 0	51.6051	2.0239	0.0486	116.6835
Total		**51.6051**	**2.0239**	**0.0486**	**116.6835**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

General Light Industry	61.975 / 0	51.6051	2.0239	0.0486	116.6835
Total		**51.6051**	**2.0239**	**0.0486**	**116.6835**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	67.4580	3.9867	0.0000	167.1242
Unmitigated	67.4580	3.9867	0.0000	167.1242

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	332.32	67.4580	3.9867	0.0000	167.1242
Total		**67.4580**	**3.9867**	**0.0000**	**167.1242**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	332.32	67.4580	3.9867	0.0000	167.1242
Total		**67.4580**	**3.9867**	**0.0000**	**167.1242**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Phase 2 Demolition only - Santa Clara County, Annual

Phase 2 Demolition only

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	420.00	1000sqft	28.70	420,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 28.7 acres

Construction Phase - per EIR schedule

Off-road Equipment - per construction assumptions

Trips and VMT -

On-road Fugitive Dust - composite SL computed

Demolition -

Construction Off-road Equipment Mitigation - Tier 4 final, water 2x day

Table Name	Column Name	Default Value	New Value

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	30.00	235.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblLandUse	LotAcreage	9.64	28.70
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOnRoadDust	RoadSiltLoading	0.10	0.04
tblProjectCharacteristics	CO2IntensityFactor	641.35	210

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					
2025	0.6673	5.1333	7.4778	0.0152	0.2285	0.2026	0.4311	0.0531	0.1935	0.2466	0.0000	1,321.0446	1,321.0446	0.2476	0.0000	1,327.2343
Maximum	**0.6673**	**5.1333**	**7.4778**	**0.0152**	**0.2285**	**0.2026**	**0.4311**	**0.0531**	**0.1935**	**0.2466**	**0.0000**	**1,321.0446**	**1,321.0446**	**0.2476**	**0.0000**	**1,327.2343**

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					

2025	0.1741	1.0658	6.7039	0.0152	0.1690	0.0172	0.1862	0.0359	0.0171	0.0530	0.0000	1,073.4462	1,073.4462	0.2237	0.0000	1,079.0380
Maximum	**0.1741**	**1.0658**	**6.7039**	**0.0152**	**0.1690**	**0.0172**	**0.1862**	**0.0359**	**0.0171**	**0.0530**	**0.0000**	**1,073.4462**	**1,073.4462**	**0.2237**	**0.0000**	**1,079.0380**

	ROG	NOx	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	**73.91**	**79.24**	**10.35**	**0.00**	**26.02**	**91.53**	**56.81**	**32.40**	**91.17**	**78.51**	**0.00**	**18.74**	**18.74**	**9.66**	**0.00**	**18.70**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2025	3-31-2025	1.9065	0.4094
2	4-1-2025	6-30-2025	1.9243	0.4105
3	7-1-2025	9-30-2025	1.9454	0.4150
		Highest	1.9454	0.4150

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	1.8597	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003
Energy	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	921.7062	921.7062	0.0570	0.0203	929.1742
Mobile	0.4334	1.7843	5.5062	0.0225	2.4000	0.0173	2.4173	0.6423	0.0161	0.6584	0.0000	2,060.5689	2,060.5689	0.0600	0.0000	2,062.0679
Waste						0.0000	0.0000		0.0000	0.0000	105.7177	0.0000	105.7177	6.2477	0.0000	261.9111
Water						0.0000	0.0000		0.0000	0.0000	30.8133	50.0603	80.8736	3.1717	0.0762	182.8622
Total	**2.3528**	**2.3275**	**5.9663**	**0.0257**	**2.4000**	**0.0586**	**2.4585**	**0.6423**	**0.0574**	**0.6997**	**136.5310**	**3,032.3429**	**3,168.8739**	**9.5364**	**0.0964**	**3,436.0234**

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	1.8597	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003
Energy	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	921.7062	921.7062	0.0570	0.0203	929.1742
Mobile	0.4334	1.7843	5.5062	0.0225	2.4000	0.0173	2.4173	0.6423	0.0161	0.6584	0.0000	2,060.5689	2,060.5689	0.0600	0.0000	2,062.0679
Waste						0.0000	0.0000		0.0000	0.0000	105.7177	0.0000	105.7177	6.2477	0.0000	261.9111
Water						0.0000	0.0000		0.0000	0.0000	30.8133	50.0603	80.8736	3.1717	0.0762	182.8622
Total	**2.3528**	**2.3275**	**5.9663**	**0.0257**	**2.4000**	**0.0586**	**2.4585**	**0.6423**	**0.0574**	**0.6997**	**136.5310**	**3,032.3429**	**3,168.8739**	**9.5364**	**0.0964**	**3,436.0234**

	ROG	NOx	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**

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	1/1/2025	10/1/2025	6	235	

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Aerial Lifts	4	2.00	63	0.31
Demolition	Air Compressors	4	2.00	78	0.48
Demolition	Concrete/Industrial Saws	8	2.00	81	0.73
Demolition	Crushing/Proc. Equipment	4	4.00	85	0.78
Demolition	Excavators	4	6.00	158	0.38
Demolition	Forklifts	2	2.00	89	0.20
Demolition	Generator Sets	4	4.00	84	0.74
Demolition	Off-Highway Trucks	2	0.50	402	0.38
Demolition	Off-Highway Trucks	4	1.00	402	0.38
Demolition	Off-Highway Trucks	2	4.00	402	0.38
Demolition	Pressure Washers	2	1.00	13	0.30
Demolition	Rubber Tired Dozers	2	4.00	247	0.40
Demolition	Skid Steer Loaders	4	6.00	65	0.37
Demolition	Sweepers/Scrubbers	2	3.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	6.00	97	0.37
Demolition	Welders	4	4.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	56	140.00	0.00	1,910.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 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					0.2067	0.0000	0.2067	0.0313	0.0000	0.0313	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6231	4.9624	7.1542	0.0134		0.2016	0.2016		0.1925	0.1925	0.0000	1,161.5314	1,161.5314	0.2431	0.0000	1,167.6094
Total	**0.6231**	**4.9624**	**7.1542**	**0.0134**	**0.2067**	**0.2016**	**0.4083**	**0.0313**	**0.1925**	**0.2238**	**0.0000**	**1,161.5314**	**1,161.5314**	**0.2431**	**0.0000**	**1,167.6094**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7200e-003	0.1476	0.0502	6.9000e-004	4.0700e-003	2.7000e-004	4.3500e-003	2.7700e-003	2.6000e-004	3.0300e-003	0.0000	67.2115	67.2115	2.8600e-003	0.0000	67.2829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0394	0.0233	0.2734	1.0200e-003	0.0177	7.6000e-004	0.0185	0.0190	7.0000e-004	0.0197	0.0000	92.3017	92.3017	1.6100e-003	0.0000	92.3420
Total	**0.0442**	**0.1709**	**0.3236**	**1.7100e-003**	**0.0218**	**1.0300e-003**	**0.0228**	**0.0218**	**9.6000e-004**	**0.0228**	**0.0000**	**159.5132**	**159.5132**	**4.4700e-003**	**0.0000**	**159.6249**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0930	0.0000	0.0930	0.0141	0.0000	0.0141	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1299	0.8950	6.3803	0.0134		0.0161	0.0161		0.0161	0.0161	0.0000	913.9330	913.9330	0.2192	0.0000	919.4131
Total	**0.1299**	**0.8950**	**6.3803**	**0.0134**	**0.0930**	**0.0161**	**0.1092**	**0.0141**	**0.0161**	**0.0302**	**0.0000**	**913.9330**	**913.9330**	**0.2192**	**0.0000**	**919.4131**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7200e-003	0.1476	0.0502	6.9000e-004	9.3400e-003	2.7000e-004	9.6100e-003	2.7700e-003	2.6000e-004	3.0300e-003	0.0000	67.2115	67.2115	2.8600e-003	0.0000	67.2829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0394	0.0233	0.2734	1.0200e-003	0.0667	7.6000e-004	0.0674	0.0190	7.0000e-004	0.0197	0.0000	92.3017	92.3017	1.6100e-003	0.0000	92.3420
Total	**0.0442**	**0.1709**	**0.3236**	**1.7100e-003**	**0.0760**	**1.0300e-003**	**0.0771**	**0.0218**	**9.6000e-004**	**0.0228**	**0.0000**	**159.5132**	**159.5132**	**4.4700e-003**	**0.0000**	**159.6249**

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	tons/yr										MT/yr					
Mitigated	0.4334	1.7843	5.5062	0.0225	2.4000	0.0173	2.4173	0.6423	0.0161	0.6584	0.0000	2,060.5689	2,060.5689	0.0600	0.0000	2,062.0679

Unmitigated	0.4334	1.7843	5.5062	0.0225	2.4000	0.0173	2.4173	0.6423	0.0161	0.6584	0.0000	2,060.5689	2,060.5689	0.0600	0.0000	2,062.0679

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	2,927.40	554.40	285.60	6,455,039	6,455,039
Total	2,927.40	554.40	285.60	6,455,039	6,455,039

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
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	0.618126	0.034987	0.181060	0.102744	0.012808	0.005030	0.012887	0.022139	0.002195	0.001502	0.005204	0.000638	0.000681

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	330.4566	330.4566	0.0456	9.4400e-003	334.4110

Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	330.4566	330.4566	0.0456	9.4400e-003	334.4110
NaturalGas Mitigated	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	591.2497	591.2497	0.0113	0.0108	594.7632
NaturalGas Unmitigated	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	591.2497	591.2497	0.0113	0.0108	594.7632

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	1.10796e+007	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	591.2497	591.2497	0.0113	0.0108	594.7632
Total		**0.0597**	**0.5431**	**0.4562**	**3.2600e-003**		**0.0413**	**0.0413**		**0.0413**	**0.0413**	**0.0000**	**591.2497**	**591.2497**	**0.0113**	**0.0108**	**594.7632**

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					
General Light Industry	1.10796e+007	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	591.2497	591.2497	0.0113	0.0108	594.7632
Total		**0.0597**	**0.5431**	**0.4562**	**3.2600e-003**		**0.0413**	**0.0413**		**0.0413**	**0.0413**	**0.0000**	**591.2497**	**591.2497**	**0.0113**	**0.0108**	**594.7632**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	3.4692e+006	330.4566	0.0456	9.4400e-003	334.4110
Total		**330.4566**	**0.0456**	**9.4400e-003**	**334.4110**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	3.4692e+006	330.4566	0.0456	9.4400e-003	334.4110
Total		**330.4566**	**0.0456**	**9.4400e-003**	**334.4110**

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	1.8597	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003
Unmitigated	1.8597	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003

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	0.2190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.5000e-004	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003
Total	**1.8597**	**3.0000e-005**	**3.8500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5000e-003**	**7.5000e-003**	**2.0000e-005**	**0.0000**	**7.9900e-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	0.2190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.5000e-004	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003

Total	**1.8597**	**3.0000e-005**	**3.8500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5000e-003**	**7.5000e-003**	**2.0000e-005**	**0.0000**	**7.9900e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	80.8736	3.1717	0.0762	182.8622
Unmitigated	80.8736	3.1717	0.0762	182.8622

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	97.125 / 0	80.8736	3.1717	0.0762	182.8622
Total		**80.8736**	**3.1717**	**0.0762**	**182.8622**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	97.125 / 0	80.8736	3.1717	0.0762	182.8622
Total		**80.8736**	**3.1717**	**0.0762**	**182.8622**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	105.7177	6.2477	0.0000	261.9111
Unmitigated	105.7177	6.2477	0.0000	261.9111

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e

Land Use	tons	MT/yr			
General Light Industry	520.8	105.7177	6.2477	0.0000	261.9111
Total		**105.7177**	**6.2477**	**0.0000**	**261.9111**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	520.8	105.7177	6.2477	0.0000	261.9111
Total		**105.7177**	**6.2477**	**0.0000**	**261.9111**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Phase 3 Demolition only - Santa Clara County, Annual

Phase 3 Demolition only

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	522.00	1000sqft	11.98	522,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 11.98 acres

Construction Phase - per EIR schedule

Off-road Equipment - per construction assumptions

Trips and VMT -

On-road Fugitive Dust - composite SL computed

Demolition - per construction assumptions

Construction Off-road Equipment Mitigation - water 2x daily, Tier 4 final equipment

Table Name	Column Name	Default Value	New Value

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	155.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
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tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	6.00

tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210

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					
2027	0.2948	2.2383	3.3077	6.4900e-003	0.0783	0.0904	0.1687	0.0188	0.0863	0.1051	0.0000	563.1299	563.1299	0.1095	0.0000	565.8668
2028	0.1400	1.0654	1.5721	3.0800e-003	0.0381	0.0430	0.0811	9.1300e-003	0.0411	0.0502	0.0000	267.5737	267.5737	0.0521	0.0000	268.8763
Maximum	**0.2948**	**2.2383**	**3.3077**	**6.4900e-003**	**0.0783**	**0.0904**	**0.1687**	**0.0188**	**0.0863**	**0.1051**	**0.0000**	**563.1299**	**563.1299**	**0.1095**	**0.0000**	**565.8668**

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					
2027	0.0744	0.4209	2.9619	6.4900e-003	0.0683	7.5400e-003	0.0759	0.0173	7.5200e-003	0.0248	0.0000	452.5008	452.5008	0.0988	0.0000	454.9706
2028	0.0350	0.2000	1.4074	3.0800e-003	0.0334	3.5800e-003	0.0369	8.4100e-003	3.5700e-003	0.0120	0.0000	214.8931	214.8931	0.0470	0.0000	216.0686
Maximum	**0.0744**	**0.4209**	**2.9619**	**6.4900e-003**	**0.0683**	**7.5400e-003**	**0.0759**	**0.0173**	**7.5200e-003**	**0.0248**	**0.0000**	**452.5008**	**452.5008**	**0.0988**	**0.0000**	**454.9706**

	ROG	NOx	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	**74.83**	**81.20**	**10.46**	**0.00**	**12.60**	**91.67**	**54.84**	**7.96**	**91.30**	**76.35**	**0.00**	**19.66**	**19.66**	**9.76**	**0.00**	**19.61**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**9-1-2027**	**11-30-2027**	1.8830	0.3692
2	**12-1-2027**	**2-29-2028**	1.8622	0.3651
		Highest	1.8830	0.3692

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	0.0451	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0451**	**4.0000e-005**	**4.7800e-003**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3300e-003**	**9.3300e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

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	0.0451	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003

Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0451**	**4.0000e-005**	**4.7800e-003**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3300e-003**	**9.3300e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

	ROG	NOx	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**

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	9/1/2027	2/28/2028	6	155	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 11.98

Residential Indoor: 0; Residential Outdoor: 0; 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	Aerial Lifts	4	2.00	63	0.31
Demolition	Air Compressors	4	2.00	78	0.48
Demolition	Concrete/Industrial Saws	8	2.00	81	0.73
Demolition	Crushing/Proc. Equipment	4	4.00	85	0.78
Demolition	Excavators	4	6.00	158	0.38
Demolition	Forklifts	2	2.00	89	0.20

Demolition	Generator Sets	4	4.00	84	0.74
Demolition	Off-Highway Trucks	2	0.50	402	0.38
Demolition	Off-Highway Trucks	4	1.00	402	0.38
Demolition	Off-Highway Trucks	2	4.00	402	0.38
Demolition	Pressure Washers	2	1.00	13	0.30
Demolition	Rubber Tired Dozers	2	4.00	247	0.40
Demolition	Skid Steer Loaders	4	6.00	65	0.37
Demolition	Sweepers/Scrubbers	2	3.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	6.00	97	0.37
Demolition	Welders	4	4.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	56	140.00	0.00	246.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 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					
Fugitive Dust					0.0181	0.0000	0.0181	2.7300e-003	0.0000	2.7300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.2784	2.2173	3.1966	6.0000e-003		0.0901	0.0901		0.0860	0.0860	0.0000	518.9821	518.9821	0.1086	0.0000	521.6978
Total	**0.2784**	**2.2173**	**3.1966**	**6.0000e-003**	**0.0181**	**0.0901**	**0.1081**	**2.7300e-003**	**0.0860**	**0.0888**	**0.0000**	**518.9821**	**518.9821**	**0.1086**	**0.0000**	**521.6978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-004	0.0123	4.4300e-003	6.0000e-005	1.9200e-003	2.0000e-005	1.9400e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	5.7879	5.7879	2.5000e-004	0.0000	5.7941
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0159	8.7500e-003	0.1067	4.2000e-004	0.0583	3.1000e-004	0.0586	0.0155	2.9000e-004	0.0158	0.0000	38.3600	38.3600	6.0000e-004	0.0000	38.3749
Total	**0.0163**	**0.0211**	**0.1112**	**4.8000e-004**	**0.0602**	**3.3000e-004**	**0.0606**	**0.0160**	**3.1000e-004**	**0.0163**	**0.0000**	**44.1478**	**44.1478**	**8.5000e-004**	**0.0000**	**44.1690**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.1200e-003	0.0000	8.1200e-003	1.2300e-003	0.0000	1.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.3999	2.8508	6.0000e-003		7.2100e-003	7.2100e-003		7.2100e-003	7.2100e-003	0.0000	408.3530	408.3530	0.0979	0.0000	410.8016
Total	**0.0581**	**0.3999**	**2.8508**	**6.0000e-003**	**8.1200e-003**	**7.2100e-003**	**0.0153**	**1.2300e-003**	**7.2100e-003**	**8.4400e-003**	**0.0000**	**408.3530**	**408.3530**	**0.0979**	**0.0000**	**410.8016**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-004	0.0123	4.4300e-003	6.0000e-005	1.9200e-003	2.0000e-005	1.9400e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	5.7879	5.7879	2.5000e-004	0.0000	5.7941
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0159	8.7500e-003	0.1067	4.2000e-004	0.0583	3.1000e-004	0.0586	0.0155	2.9000e-004	0.0158	0.0000	38.3600	38.3600	6.0000e-004	0.0000	38.3749
Total	**0.0163**	**0.0211**	**0.1112**	**4.8000e-004**	**0.0602**	**3.3000e-004**	**0.0606**	**0.0160**	**3.1000e-004**	**0.0163**	**0.0000**	**44.1478**	**44.1478**	**8.5000e-004**	**0.0000**	**44.1690**

3.2 Demolition - 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					
Fugitive Dust					8.6000e-003	0.0000	8.6000e-003	1.3000e-003	0.0000	1.3000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1326	1.0558	1.5222	2.8600e-003		0.0429	0.0429		0.0410	0.0410	0.0000	247.1343	247.1343	0.0517	0.0000	248.4275
Total	**0.1326**	**1.0558**	**1.5222**	**2.8600e-003**	**8.6000e-003**	**0.0429**	**0.0515**	**1.3000e-003**	**0.0410**	**0.0423**	**0.0000**	**247.1343**	**247.1343**	**0.0517**	**0.0000**	**248.4275**

Unmitigated Construction Off-Site

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

Hauling	1.9000e-004	5.7600e-003	2.1200e-003	3.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.4000e-004	1.0000e-005	4.6000e-004	0.0000	2.7414	2.7414	1.2000e-004	0.0000	2.7443
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1800e-003	3.8400e-003	0.0478	2.0000e-004	0.0278	1.4000e-004	0.0279	7.3800e-003	1.3000e-004	7.5100e-003	0.0000	17.6980	17.6980	2.6000e-004	0.0000	17.7045
Total	**7.3700e-003**	**9.6000e-003**	**0.0499**	**2.3000e-004**	**0.0295**	**1.5000e-004**	**0.0296**	**7.8200e-003**	**1.4000e-004**	**7.9700e-003**	**0.0000**	**20.4393**	**20.4393**	**3.8000e-004**	**0.0000**	**20.4488**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.8700e-003	0.0000	3.8700e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0276	0.1904	1.3575	2.8600e-003		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	194.4538	194.4538	0.0466	0.0000	195.6198
Total	**0.0276**	**0.1904**	**1.3575**	**2.8600e-003**	**3.8700e-003**	**3.4300e-003**	**7.3000e-003**	**5.9000e-004**	**3.4300e-003**	**4.0200e-003**	**0.0000**	**194.4538**	**194.4538**	**0.0466**	**0.0000**	**195.6198**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9000e-004	5.7600e-003	2.1200e-003	3.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.4000e-004	1.0000e-005	4.6000e-004	0.0000	2.7414	2.7414	1.2000e-004	0.0000	2.7443
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1800e-003	3.8400e-003	0.0478	2.0000e-004	0.0278	1.4000e-004	0.0279	7.3800e-003	1.3000e-004	7.5100e-003	0.0000	17.6980	17.6980	2.6000e-004	0.0000	17.7045
Total	**7.3700e-003**	**9.6000e-003**	**0.0499**	**2.3000e-004**	**0.0295**	**1.5000e-004**	**0.0296**	**7.8200e-003**	**1.4000e-004**	**7.9700e-003**	**0.0000**	**20.4393**	**20.4393**	**3.8000e-004**	**0.0000**	**20.4488**

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	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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.621001	0.034238	0.180324	0.101476	0.012045	0.005050	0.013047	0.022691	0.002214	0.001475	0.005139	0.000645	0.000656

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	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			
Other Asphalt Surfaces	0	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	0.0451	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003
Unmitigated	0.0451	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003

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	0.0109					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0337					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4000e-004	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003

Total	**0.0451**	**4.0000e-005**	**4.7800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3300e-003**	**9.3300e-003**	**2.0000e-005**	**0.0000**	**9.9300e-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	0.0109					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0337					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4000e-004	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003
Total	**0.0451**	**4.0000e-005**	**4.7800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3300e-003**	**9.3300e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

MITIGATED DEMOLITION EMISSIONS (tons/year)

Phase	Construction Phase	Year	ROG	NOX	PM10 EXH	PM10 FUG	PM2.5 EXH	PM2.5 FUG	CO2e	Value_ROG	Value_NOX	Value_PM10 EXH	Value_PM10 FUG	Value_PM2.5 EXH	Value_PM2.5FUG	Value_CO2e
1	Demolition	2021	0.2211	1.9092	0.0686	0.0475	0.0644	7.1900e-003	1,034.6997	0.2211	1.9092	0.0686	0.0475	0.0644	0.00719	1034.6997
1	Demolition	2022	0.0525	0.4500	0.0146	0.0118	0.0137	1.7900e-003	257.8978	0.0525	0.45	0.0146	0.0118	0.0137	0.00179	257.8978
2	Demolition	2025	0.1134	0.8232	0.0139	0.0930	0.0139	0.0141	777.4692	0.1134	0.8232	0.0139	0.093	0.0139	0.0141	777.4692
3	Demolition	2027	0.0507	0.3678	6.2200e-003	8.1200e-003	6.2200e-003	1.2300e-003	347.3799	0.0507	0.3678	0.00622	0.00812	0.00622	0.00123	347.3799
3	Demolition	2028	0.0241	0.1751	2.9600e-003	3.8700e-003	2.9600e-003	5.9000e-004	165.4190	0.0241	0.1751	0.00296	0.00387	0.00296	0.00059	165.419

Phase 1 Demolition only mitigated

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	268.00	1000sqft	34.89	268,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 34.89 acres

Construction Phase - per demo schedule

Off-road Equipment - per construction equipment list

Trips and VMT -

On-road Fugitive Dust - composite SL

Demolition -

Construction Off-road Equipment Mitigation - 2x watering, Tier 4 Final equipment

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	50.00	391.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblLandUse	LotAcreage	6.15	34.89

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
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tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	4.00

tblOnRoadDust	RoadSiltLoading	0.10	0.04
tblProjectCharacteristics	CO2IntensityFactor	641.35	210

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	1.0858	8.8804	9.2546	0.0178	0.1312	0.4434	0.5747	0.0429	0.4210	0.4639	0.0000	1,549.8580	1,549.8580	0.3298	0.0000	1,558.1027
2022	0.2411	1.9057	2.2532	4.4200e-003	0.0327	0.0909	0.1236	0.0113	0.0865	0.0978	0.0000	384.8541	384.8541	0.0816	0.0000	386.8939
Maximum	**1.0858**	**8.8804**	**9.2546**	**0.0178**	**0.1312**	**0.4434**	**0.5747**	**0.0429**	**0.4210**	**0.4639**	**0.0000**	**1,549.8580**	**1,549.8580**	**0.3298**	**0.0000**	**1,558.1027**

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	0.2924	2.0864	7.6287	0.0178	0.1418	0.0701	0.2119	0.0341	0.0658	0.1000	0.0000	1,208.1827	1,208.1827	0.2892	0.0000	1,215.4129
2022	0.0691	0.4903	1.8883	4.4200e-003	0.0379	0.0149	0.0528	9.1300e-003	0.0141	0.0232	0.0000	299.7082	299.7082	0.0718	0.0000	301.5039
Maximum	**0.2924**	**2.0864**	**7.6287**	**0.0178**	**0.1418**	**0.0701**	**0.2119**	**0.0341**	**0.0658**	**0.1000**	**0.0000**	**1,208.1827**	**1,208.1827**	**0.2892**	**0.0000**	**1,215.4129**

	ROG	NOx	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	**72.76**	**76.11**	**17.30**	**0.00**	**-9.57**	**84.08**	**62.09**	**20.26**	**84.25**	**78.07**	**0.00**	**22.06**	**22.06**	**12.24**	**0.00**	**22.01**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
5	**1-1-2021**	**3-31-2021**	2.4594	0.5894
6	**4-1-2021**	**6-30-2021**	2.4825	0.5917
7	**7-1-2021**	**9-30-2021**	2.5098	0.5982
8	**10-1-2021**	**12-31-2021**	2.5140	0.6025
9	**1-1-2022**	**3-31-2022**	2.1260	0.5561
10	**4-1-2022**	**6-30-2022**	0.0236	0.0061
		Highest	2.5140	0.6025

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	1.1867	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Energy	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	588.1363	588.1363	0.0364	0.0129	592.9016
Mobile	0.3269	1.2799	4.2198	0.0158	1.5316	0.0121	1.5437	0.4100	0.0113	0.4212	0.0000	1,446.7236	1,446.7236	0.0444	0.0000	1,447.8331
Waste						0.0000	0.0000		0.0000	0.0000	67.4580	0.0000	67.4580	3.9867	0.0000	167.1242
Water						0.0000	0.0000		0.0000	0.0000	19.6618	31.9433	51.6051	2.0239	0.0486	116.6835
Total	**1.5517**	**1.6265**	**4.5133**	**0.0179**	**1.5316**	**0.0385**	**1.5701**	**0.4100**	**0.0376**	**0.4476**	**87.1198**	**2,066.8080**	**2,153.9277**	**6.0913**	**0.0615**	**2,324.5475**

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	1.1867	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Energy	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	588.1363	588.1363	0.0364	0.0129	592.9016
Mobile	0.3269	1.2799	4.2198	0.0158	1.5316	0.0121	1.5437	0.4100	0.0113	0.4212	0.0000	1,446.7236	1,446.7236	0.0444	0.0000	1,447.8331
Waste						0.0000	0.0000		0.0000	0.0000	67.4580	0.0000	67.4580	3.9867	0.0000	167.1242
Water						0.0000	0.0000		0.0000	0.0000	19.6618	31.9433	51.6051	2.0239	0.0486	116.6835
Total	**1.5517**	**1.6265**	**4.5133**	**0.0179**	**1.5316**	**0.0385**	**1.5701**	**0.4100**	**0.0376**	**0.4476**	**87.1198**	**2,066.8080**	**2,153.9277**	**6.0913**	**0.0615**	**2,324.5475**

	ROG	NOx	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**

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	4/1/2022	6	391	

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Aerial Lifts	4	2.00	63	0.31

Demolition	Air Compressors	4	2.00	78	0.48
Demolition	Concrete/Industrial Saws	8	2.00	81	0.73
Demolition	Crushing/Proc. Equipment	4	4.00	85	0.78
Demolition	Excavators	4	6.00	158	0.38
Demolition	Forklifts	2	2.00	89	0.20
Demolition	Generator Sets	0	0.00	84	0.74
Demolition	Off-Highway Trucks	2	0.50	402	0.38
Demolition	Off-Highway Trucks	2	4.00	402	0.38
Demolition	Off-Highway Trucks	4	1.00	402	0.38
Demolition	Pressure Washers	2	1.00	13	0.30
Demolition	Rubber Tired Dozers	2	4.00	247	0.40
Demolition	Skid Steer Loaders	4	6.00	65	0.37
Demolition	Sweepers/Scrubbers	2	3.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	6.00	97	0.37
Demolition	Welders	4	4.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	56	140.00	0.00	1,219.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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					
Fugitive Dust					0.1056	0.0000	0.1056	0.0160	0.0000	0.0160	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0145	8.7032	8.7250	0.0158		0.4419	0.4419		0.4196	0.4196	0.0000	1,369.2683	1,369.2683	0.3249	0.0000	1,377.3895
Total	**1.0145**	**8.7032**	**8.7250**	**0.0158**	**0.1056**	**0.4419**	**0.5475**	**0.0160**	**0.4196**	**0.4356**	**0.0000**	**1,369.2683**	**1,369.2683**	**0.3249**	**0.0000**	**1,377.3895**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.8300e-003	0.1305	0.0284	3.8000e-004	2.0800e-003	4.1000e-004	2.4800e-003	1.5800e-003	3.9000e-004	1.9700e-003	0.0000	36.7414	36.7414	1.6700e-003	0.0000	36.7831
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0467	0.5012	1.5900e-003	0.0236	1.0900e-003	0.0247	0.0254	1.0100e-003	0.0264	0.0000	143.8483	143.8483	3.2700e-003	0.0000	143.9301
Total	**0.0713**	**0.1772**	**0.5296**	**1.9700e-003**	**0.0256**	**1.5000e-003**	**0.0271**	**0.0269**	**1.4000e-003**	**0.0283**	**0.0000**	**180.5897**	**180.5897**	**4.9400e-003**	**0.0000**	**180.7132**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0475	0.0000	0.0475	7.1900e-003	0.0000	7.1900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2211	1.9092	7.0991	0.0158		0.0686	0.0686		0.0644	0.0644	0.0000	1,027.5930	1,027.5930	0.2843	0.0000	1,034.6997

Total	**0.2211**	**1.9092**	**7.0991**	**0.0158**	**0.0475**	**0.0686**	**0.1162**	**7.1900e-003**	**0.0644**	**0.0716**	**0.0000**	**1,027.5930**	**1,027.5930**	**0.2843**	**0.0000**	**1,034.6997**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.8300e-003	0.1305	0.0284	3.8000e-004	5.4400e-003	4.1000e-004	5.8500e-003	1.5800e-003	3.9000e-004	1.9700e-003	0.0000	36.7414	36.7414	1.6700e-003	0.0000	36.7831
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0467	0.5012	1.5900e-003	0.0888	1.0900e-003	0.0899	0.0254	1.0100e-003	0.0264	0.0000	143.8483	143.8483	3.2700e-003	0.0000	143.9301
Total	**0.0713**	**0.1772**	**0.5296**	**1.9700e-003**	**0.0943**	**1.5000e-003**	**0.0958**	**0.0269**	**1.4000e-003**	**0.0283**	**0.0000**	**180.5897**	**180.5897**	**4.9400e-003**	**0.0000**	**180.7132**

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					
Fugitive Dust					0.0263	0.0000	0.0263	3.9800e-003	0.0000	3.9800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2245	1.8654	2.1314	3.9500e-003		0.0906	0.0906		0.0861	0.0861	0.0000	341.2765	341.2765	0.0805	0.0000	343.2878
Total	**0.2245**	**1.8654**	**2.1314**	**3.9500e-003**	**0.0263**	**0.0906**	**0.1169**	**3.9800e-003**	**0.0861**	**0.0901**	**0.0000**	**341.2765**	**341.2765**	**0.0805**	**0.0000**	**343.2878**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-004	0.0299	6.9600e-003	9.0000e-005	5.2000e-004	9.0000e-005	6.0000e-004	1.0100e-003	8.0000e-005	1.1000e-003	0.0000	9.0326	9.0326	4.1000e-004	0.0000	9.0427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0157	0.0105	0.1148	3.8000e-004	5.8700e-003	2.7000e-004	6.1400e-003	6.3200e-003	2.5000e-004	6.5700e-003	0.0000	34.5451	34.5451	7.3000e-004	0.0000	34.5634
Total	**0.0166**	**0.0403**	**0.1218**	**4.7000e-004**	**6.3900e-003**	**3.6000e-004**	**6.7400e-003**	**7.3300e-003**	**3.3000e-004**	**7.6700e-003**	**0.0000**	**43.5776**	**43.5776**	**1.1400e-003**	**0.0000**	**43.6061**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0118	0.0000	0.0118	1.7900e-003	0.0000	1.7900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0525	0.4500	1.7665	3.9500e-003		0.0146	0.0146		0.0137	0.0137	0.0000	256.1306	256.1306	0.0707	0.0000	257.8978
Total	**0.0525**	**0.4500**	**1.7665**	**3.9500e-003**	**0.0118**	**0.0146**	**0.0264**	**1.7900e-003**	**0.0137**	**0.0155**	**0.0000**	**256.1306**	**256.1306**	**0.0707**	**0.0000**	**257.8978**

Mitigated Construction Off-Site

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

Hauling	9.0000e-004	0.0299	6.9600e-003	9.0000e-005	3.8800e-003	9.0000e-005	3.9700e-003	1.0100e-003	8.0000e-005	1.1000e-003	0.0000	9.0326	9.0326	4.1000e-004	0.0000	9.0427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0157	0.0105	0.1148	3.8000e-004	0.0221	2.7000e-004	0.0224	6.3200e-003	2.5000e-004	6.5700e-003	0.0000	34.5451	34.5451	7.3000e-004	0.0000	34.5634
Total	**0.0166**	**0.0403**	**0.1218**	**4.7000e-004**	**0.0260**	**3.6000e-004**	**0.0264**	**7.3300e-003**	**3.3000e-004**	**7.6700e-003**	**0.0000**	**43.5776**	**43.5776**	**1.1400e-003**	**0.0000**	**43.6061**

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	tons/yr										MT/yr					
Mitigated	0.3269	1.2799	4.2198	0.0158	1.5316	0.0121	1.5437	0.4100	0.0113	0.4212	0.0000	1,446.7236	1,446.7236	0.0444	0.0000	1,447.8331
Unmitigated	0.3269	1.2799	4.2198	0.0158	1.5316	0.0121	1.5437	0.4100	0.0113	0.4212	0.0000	1,446.7236	1,446.7236	0.0444	0.0000	1,447.8331

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	1,867.96	353.76	182.24	4,118,930	4,118,930
Total	1,867.96	353.76	182.24	4,118,930	4,118,930

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

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	0.612822	0.036208	0.182365	0.105071	0.013933	0.005011	0.012748	0.021514	0.002168	0.001529	0.005280	0.000629	0.000720

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	210.8628	210.8628	0.0291	6.0200e-003	213.3861
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	210.8628	210.8628	0.0291	6.0200e-003	213.3861
NaturalGas Mitigated	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	377.2736	377.2736	7.2300e-003	6.9200e-003	379.5155
NaturalGas Unmitigated	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	377.2736	377.2736	7.2300e-003	6.9200e-003	379.5155

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	7.06984e+006	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	377.2736	377.2736	7.2300e-003	6.9200e-003	379.5155
Total		**0.0381**	**0.3466**	**0.2911**	**2.0800e-003**		**0.0263**	**0.0263**		**0.0263**	**0.0263**	**0.0000**	**377.2736**	**377.2736**	**7.2300e-003**	**6.9200e-003**	**379.5155**

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					
General Light Industry	7.06984e+006	0.0381	0.3466	0.2911	2.0800e-003		0.0263	0.0263		0.0263	0.0263	0.0000	377.2736	377.2736	7.2300e-003	6.9200e-003	379.5155
Total		**0.0381**	**0.3466**	**0.2911**	**2.0800e-003**		**0.0263**	**0.0263**		**0.0263**	**0.0263**	**0.0000**	**377.2736**	**377.2736**	**7.2300e-003**	**6.9200e-003**	**379.5155**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	2.21368e+006	210.8628	0.0291	6.0200e-003	213.3861
Total		**210.8628**	**0.0291**	**6.0200e-003**	**213.3861**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	2.21368e+006	210.8628	0.0291	6.0200e-003	213.3861
Total		**210.8628**	**0.0291**	**6.0200e-003**	**213.3861**

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	1.1867	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Unmitigated	1.1867	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003

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	0.1398					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0467					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.3000e-004	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Total	**1.1867**	**2.0000e-005**	**2.4600e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**4.7900e-003**	**4.7900e-003**	**1.0000e-005**	**0.0000**	**5.1000e-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	0.1398					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0467					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.3000e-004	2.0000e-005	2.4600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.7900e-003	4.7900e-003	1.0000e-005	0.0000	5.1000e-003
Total	**1.1867**	**2.0000e-005**	**2.4600e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**4.7900e-003**	**4.7900e-003**	**1.0000e-005**	**0.0000**	**5.1000e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e

Category	MT/yr			
Mitigated	51.6051	2.0239	0.0486	116.6835
Unmitigated	51.6051	2.0239	0.0486	116.6835

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	61.975 / 0	51.6051	2.0239	0.0486	116.6835
Total		**51.6051**	**2.0239**	**0.0486**	**116.6835**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	61.975 / 0	51.6051	2.0239	0.0486	116.6835
Total		**51.6051**	**2.0239**	**0.0486**	**116.6835**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	67.4580	3.9867	0.0000	167.1242
Unmitigated	67.4580	3.9867	0.0000	167.1242

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	332.32	67.4580	3.9867	0.0000	167.1242
Total		**67.4580**	**3.9867**	**0.0000**	**167.1242**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	332.32	67.4580	3.9867	0.0000	167.1242
Total		**67.4580**	**3.9867**	**0.0000**	**167.1242**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Phase 2 Demolition only_mit

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	420.00	1000sqft	28.70	420,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 28.7 acres

Construction Phase - per EIR schedule

Off-road Equipment - per construction assumptions

Trips and VMT -

On-road Fugitive Dust - composite SL computed

Demolition -

Construction Off-road Equipment Mitigation - Tier 4 diesel and electric mitigation

Table Name	Column Name	Default Value	New Value

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	30.00	235.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblLandUse	LotAcreage	9.64	28.70
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	PhaseName		Demolition
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	6.00

tblOffRoadEquipment	UsageHours	8.00	4.00
tblOnRoadDust	RoadSiltLoading	0.10	0.04
tblProjectCharacteristics	CO2IntensityFactor	641.35	210

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					
2025	0.6047	4.5704	6.6178	0.0136	0.2285	0.1802	0.4087	0.0531	0.1711	0.2242	0.0000	1,188.2209	1,188.2209	0.2427	0.0000	1,194.2879
Maximum	**0.6047**	**4.5704**	**6.6178**	**0.0136**	**0.2285**	**0.1802**	**0.4087**	**0.0531**	**0.1711**	**0.2242**	**0.0000**	**1,188.2209**	**1,188.2209**	**0.2427**	**0.0000**	**1,194.2879**

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					
2025	0.1575	0.9940	5.6824	0.0136	0.1690	0.0150	0.1840	0.0359	0.0149	0.0508	0.0000	931.6913	931.6913	0.2161	0.0000	937.0942
Maximum	**0.1575**	**0.9940**	**5.6824**	**0.0136**	**0.1690**	**0.0150**	**0.1840**	**0.0359**	**0.0149**	**0.0508**	**0.0000**	**931.6913**	**931.6913**	**0.2161**	**0.0000**	**937.0942**

	ROG	NOx	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	**73.95**	**78.25**	**14.13**	**0.00**	**26.02**	**91.70**	**54.98**	**32.40**	**91.30**	**77.35**	**0.00**	**21.59**	**21.59**	**10.95**	**0.00**	**21.54**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2025	3-31-2025	1.7011	0.3804
2	4-1-2025	6-30-2025	1.7166	0.3812
3	7-1-2025	9-30-2025	1.7355	0.3854
		Highest	1.7355	0.3854

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	1.8597	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003
Energy	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	921.7062	921.7062	0.0570	0.0203	929.1742
Mobile	0.4334	1.7843	5.5062	0.0225	2.4000	0.0173	2.4173	0.6423	0.0161	0.6584	0.0000	2,060.5689	2,060.5689	0.0600	0.0000	2,062.0679
Waste						0.0000	0.0000		0.0000	0.0000	105.7177	0.0000	105.7177	6.2477	0.0000	261.9111
Water						0.0000	0.0000		0.0000	0.0000	30.8133	50.0603	80.8736	3.1717	0.0762	182.8622
Total	**2.3528**	**2.3275**	**5.9663**	**0.0257**	**2.4000**	**0.0586**	**2.4585**	**0.6423**	**0.0574**	**0.6997**	**136.5310**	**3,032.3429**	**3,168.8739**	**9.5364**	**0.0964**	**3,436.0234**

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	1.8597	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003
Energy	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	921.7062	921.7062	0.0570	0.0203	929.1742
Mobile	0.4334	1.7843	5.5062	0.0225	2.4000	0.0173	2.4173	0.6423	0.0161	0.6584	0.0000	2,060.5689	2,060.5689	0.0600	0.0000	2,062.0679
Waste						0.0000	0.0000		0.0000	0.0000	105.7177	0.0000	105.7177	6.2477	0.0000	261.9111
Water						0.0000	0.0000		0.0000	0.0000	30.8133	50.0603	80.8736	3.1717	0.0762	182.8622
Total	**2.3528**	**2.3275**	**5.9663**	**0.0257**	**2.4000**	**0.0586**	**2.4585**	**0.6423**	**0.0574**	**0.6997**	**136.5310**	**3,032.3429**	**3,168.8739**	**9.5364**	**0.0964**	**3,436.0234**

	ROG	NOx	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**

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	1/1/2025	10/1/2025	6	235	

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Aerial Lifts	4	2.00	63	0.31
Demolition	Air Compressors	4	2.00	78	0.48
Demolition	Concrete/Industrial Saws	8	2.00	81	0.73

Demolition	Crushing/Proc. Equipment	4	4.00	85	0.78
Demolition	Excavators	4	6.00	158	0.38
Demolition	Forklifts	2	2.00	89	0.20
Demolition	Generator Sets	0	0.00	84	0.74
Demolition	Off-Highway Trucks	2	0.50	402	0.38
Demolition	Off-Highway Trucks	4	1.00	402	0.38
Demolition	Off-Highway Trucks	2	4.00	402	0.38
Demolition	Pressure Washers	2	1.00	13	0.30
Demolition	Rubber Tired Dozers	2	4.00	247	0.40
Demolition	Skid Steer Loaders	4	6.00	65	0.37
Demolition	Sweepers/Scrubbers	2	3.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	6.00	97	0.37
Demolition	Welders	4	4.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	56	140.00	0.00	1,910.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 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					0.2067	0.0000	0.2067	0.0313	0.0000	0.0313	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5605	4.3995	6.2942	0.0119		0.1792	0.1792		0.1701	0.1701	0.0000	1,028.7076	1,028.7076	0.2382	0.0000	1,034.6630
Total	**0.5605**	**4.3995**	**6.2942**	**0.0119**	**0.2067**	**0.1792**	**0.3859**	**0.0313**	**0.1701**	**0.2014**	**0.0000**	**1,028.7076**	**1,028.7076**	**0.2382**	**0.0000**	**1,034.6630**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7200e-003	0.1476	0.0502	6.9000e-004	4.0700e-003	2.7000e-004	4.3500e-003	2.7700e-003	2.6000e-004	3.0300e-003	0.0000	67.2115	67.2115	2.8600e-003	0.0000	67.2829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0394	0.0233	0.2734	1.0200e-003	0.0177	7.6000e-004	0.0185	0.0190	7.0000e-004	0.0197	0.0000	92.3017	92.3017	1.6100e-003	0.0000	92.3420
Total	**0.0442**	**0.1709**	**0.3236**	**1.7100e-003**	**0.0218**	**1.0300e-003**	**0.0228**	**0.0218**	**9.6000e-004**	**0.0228**	**0.0000**	**159.5132**	**159.5132**	**4.4700e-003**	**0.0000**	**159.6249**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0930	0.0000	0.0930	0.0141	0.0000	0.0141	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1134	0.8232	5.3588	0.0119		0.0139	0.0139		0.0139	0.0139	0.0000	772.1781	772.1781	0.2117	0.0000	777.4692

Total	**0.1134**	**0.8232**	**5.3588**	**0.0119**	**0.0930**	**0.0139**	**0.1069**	**0.0141**	**0.0139**	**0.0280**	**0.0000**	**772.1781**	**772.1781**	**0.2117**	**0.0000**	**777.4692**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7200e-003	0.1476	0.0502	6.9000e-004	9.3400e-003	2.7000e-004	9.6100e-003	2.7700e-003	2.6000e-004	3.0300e-003	0.0000	67.2115	67.2115	2.8600e-003	0.0000	67.2829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0394	0.0233	0.2734	1.0200e-003	0.0667	7.6000e-004	0.0674	0.0190	7.0000e-004	0.0197	0.0000	92.3017	92.3017	1.6100e-003	0.0000	92.3420
Total	**0.0442**	**0.1709**	**0.3236**	**1.7100e-003**	**0.0760**	**1.0300e-003**	**0.0771**	**0.0218**	**9.6000e-004**	**0.0228**	**0.0000**	**159.5132**	**159.5132**	**4.4700e-003**	**0.0000**	**159.6249**

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	tons/yr										MT/yr					
Mitigated	0.4334	1.7843	5.5062	0.0225	2.4000	0.0173	2.4173	0.6423	0.0161	0.6584	0.0000	2,060.5689	2,060.5689	0.0600	0.0000	2,062.0679
Unmitigated	0.4334	1.7843	5.5062	0.0225	2.4000	0.0173	2.4173	0.6423	0.0161	0.6584	0.0000	2,060.5689	2,060.5689	0.0600	0.0000	2,062.0679

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	2,927.40	554.40	285.60	6,455,039	6,455,039
Total	2,927.40	554.40	285.60	6,455,039	6,455,039

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
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	0.618126	0.034987	0.181060	0.102744	0.012808	0.005030	0.012887	0.022139	0.002195	0.001502	0.005204	0.000638	0.000681

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	330.4566	330.4566	0.0456	9.4400e-003	334.4110
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	330.4566	330.4566	0.0456	9.4400e-003	334.4110
NaturalGas Mitigated	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	591.2497	591.2497	0.0113	0.0108	594.7632

NaturalGas Unmitigated	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	591.2497	591.2497	0.0113	0.0108	594.7632

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	1.10796e+007	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	591.2497	591.2497	0.0113	0.0108	594.7632
Total		**0.0597**	**0.5431**	**0.4562**	**3.2600e-003**		**0.0413**	**0.0413**		**0.0413**	**0.0413**	**0.0000**	**591.2497**	**591.2497**	**0.0113**	**0.0108**	**594.7632**

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					
General Light Industry	1.10796e+007	0.0597	0.5431	0.4562	3.2600e-003		0.0413	0.0413		0.0413	0.0413	0.0000	591.2497	591.2497	0.0113	0.0108	594.7632
Total		**0.0597**	**0.5431**	**0.4562**	**3.2600e-003**		**0.0413**	**0.0413**		**0.0413**	**0.0413**	**0.0000**	**591.2497**	**591.2497**	**0.0113**	**0.0108**	**594.7632**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	3.4692e+006	330.4566	0.0456	9.4400e-003	334.4110
Total		**330.4566**	**0.0456**	**9.4400e-003**	**334.4110**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	3.4692e+006	330.4566	0.0456	9.4400e-003	334.4110
Total		**330.4566**	**0.0456**	**9.4400e-003**	**334.4110**

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	1.8597	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003
Unmitigated	1.8597	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003

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	0.2190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.5000e-004	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003
Total	**1.8597**	**3.0000e-005**	**3.8500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5000e-003**	**7.5000e-003**	**2.0000e-005**	**0.0000**	**7.9900e-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	0.2190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.5000e-004	3.0000e-005	3.8500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.5000e-003	7.5000e-003	2.0000e-005	0.0000	7.9900e-003
Total	**1.8597**	**3.0000e-005**	**3.8500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**7.5000e-003**	**7.5000e-003**	**2.0000e-005**	**0.0000**	**7.9900e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	80.8736	3.1717	0.0762	182.8622
Unmitigated	80.8736	3.1717	0.0762	182.8622

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	97.125 / 0	80.8736	3.1717	0.0762	182.8622
Total		**80.8736**	**3.1717**	**0.0762**	**182.8622**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	97.125 / 0	80.8736	3.1717	0.0762	182.8622
Total		**80.8736**	**3.1717**	**0.0762**	**182.8622**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	105.7177	6.2477	0.0000	261.9111
Unmitigated	105.7177	6.2477	0.0000	261.9111

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

General Light Industry	520.8	105.7177	6.2477	0.0000	261.9111
Total		**105.7177**	**6.2477**	**0.0000**	**261.9111**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	520.8	105.7177	6.2477	0.0000	261.9111
Total		**105.7177**	**6.2477**	**0.0000**	**261.9111**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Phase 3 Demolition only_mit

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	522.00	1000sqft	11.98	522,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 11.98 acres

Construction Phase - per EIR schedule

Off-road Equipment - per construction assumptions

Trips and VMT -

On-road Fugitive Dust - composite SL computed

Demolition - per construction assumptions

Construction Off-road Equipment Mitigation - water 2x daily, Tier 4 final equipment

Table Name	Column Name	Default Value	New Value

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	155.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblTripsAndVMT	WorkerTripNumber	130.00	140.00

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					
2027	0.2668	1.9868	2.9235	5.8000e-003	0.0783	0.0804	0.1587	0.0188	0.0763	0.0951	0.0000	503.7831	503.7831	0.1073	0.0000	506.4652
2028	0.1266	0.9457	1.3891	2.7500e-003	0.0381	0.0383	0.0764	9.1300e-003	0.0363	0.0455	0.0000	239.3133	239.3133	0.0511	0.0000	240.5899
Maximum	**0.2668**	**1.9868**	**2.9235**	**5.8000e-003**	**0.0783**	**0.0804**	**0.1587**	**0.0188**	**0.0763**	**0.0951**	**0.0000**	**503.7831**	**503.7831**	**0.1073**	**0.0000**	**506.4652**

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					
2027	0.0670	0.3889	2.5055	5.8000e-003	0.0683	6.5600e-003	0.0749	0.0173	6.5300e-003	0.0238	0.0000	389.1636	389.1636	0.0954	0.0000	391.5489

2028	0.0315	0.1847	1.1901	2.7500e-003	0.0334	3.1100e-003	0.0365	8.4100e-003	3.1000e-003	0.0115	0.0000	184.7325	184.7325	0.0454	0.0000	185.8678
Maximum	**0.0670**	**0.3889**	**2.5055**	**5.8000e-003**	**0.0683**	**6.5600e-003**	**0.0749**	**0.0173**	**6.5300e-003**	**0.0238**	**0.0000**	**389.1636**	**389.1636**	**0.0954**	**0.0000**	**391.5489**

	ROG	NOx	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	**74.97**	**80.44**	**14.31**	**0.00**	**12.60**	**91.85**	**52.62**	**7.96**	**91.45**	**74.89**	**0.00**	**22.77**	**22.77**	**11.06**	**0.00**	**22.71**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2027	11-30-2027	1.6754	0.3399
2	12-1-2027	2-29-2028	1.6568	0.3361
		Highest	1.6754	0.3399

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	0.0451	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0451**	**4.0000e-005**	**4.7800e-003**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3300e-003**	**9.3300e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

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	0.0451	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0451**	**4.0000e-005**	**4.7800e-003**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3300e-003**	**9.3300e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

	ROG	NOx	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**

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	9/1/2027	2/28/2028	6	155	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 11.98

Residential Indoor: 0; Residential Outdoor: 0; 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	Aerial Lifts	4	2.00	63	0.31
Demolition	Air Compressors	4	2.00	78	0.48
Demolition	Concrete/Industrial Saws	8	2.00	81	0.73
Demolition	Crushing/Proc. Equipment	4	4.00	85	0.78
Demolition	Excavators	4	6.00	158	0.38
Demolition	Forklifts	2	2.00	89	0.20
Demolition	Generator Sets	0	0.00	84	0.74
Demolition	Off-Highway Trucks	2	0.50	402	0.38
Demolition	Off-Highway Trucks	4	1.00	402	0.38
Demolition	Off-Highway Trucks	2	4.00	402	0.38
Demolition	Pressure Washers	2	1.00	13	0.30
Demolition	Rubber Tired Dozers	2	4.00	247	0.40
Demolition	Skid Steer Loaders	4	6.00	65	0.37
Demolition	Sweepers/Scrubbers	2	3.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	6.00	97	0.37
Demolition	Welders	4	4.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	52	140.00	0.00	246.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 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					
Fugitive Dust					0.0181	0.0000	0.0181	2.7300e-003	0.0000	2.7300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2504	1.9657	2.8123	5.3100e-003		0.0801	0.0801		0.0760	0.0760	0.0000	459.6353	459.6353	0.1064	0.0000	462.2962
Total	**0.2504**	**1.9657**	**2.8123**	**5.3100e-003**	**0.0181**	**0.0801**	**0.0981**	**2.7300e-003**	**0.0760**	**0.0787**	**0.0000**	**459.6353**	**459.6353**	**0.1064**	**0.0000**	**462.2962**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-004	0.0123	4.4300e-003	6.0000e-005	1.9200e-003	2.0000e-005	1.9400e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	5.7879	5.7879	2.5000e-004	0.0000	5.7941
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0159	8.7500e-003	0.1067	4.2000e-004	0.0583	3.1000e-004	0.0586	0.0155	2.9000e-004	0.0158	0.0000	38.3600	38.3600	6.0000e-004	0.0000	38.3749
Total	**0.0163**	**0.0211**	**0.1112**	**4.8000e-004**	**0.0602**	**3.3000e-004**	**0.0606**	**0.0160**	**3.1000e-004**	**0.0163**	**0.0000**	**44.1478**	**44.1478**	**8.5000e-004**	**0.0000**	**44.1690**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.1200e-003	0.0000	8.1200e-003	1.2300e-003	0.0000	1.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0507	0.3678	2.3944	5.3100e-003		6.2200e-003	6.2200e-003		6.2200e-003	6.2200e-003	0.0000	345.0157	345.0157	0.0946	0.0000	347.3799
Total	**0.0507**	**0.3678**	**2.3944**	**5.3100e-003**	**8.1200e-003**	**6.2200e-003**	**0.0143**	**1.2300e-003**	**6.2200e-003**	**7.4500e-003**	**0.0000**	**345.0157**	**345.0157**	**0.0946**	**0.0000**	**347.3799**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-004	0.0123	4.4300e-003	6.0000e-005	1.9200e-003	2.0000e-005	1.9400e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	5.7879	5.7879	2.5000e-004	0.0000	5.7941
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0159	8.7500e-003	0.1067	4.2000e-004	0.0583	3.1000e-004	0.0586	0.0155	2.9000e-004	0.0158	0.0000	38.3600	38.3600	6.0000e-004	0.0000	38.3749
Total	**0.0163**	**0.0211**	**0.1112**	**4.8000e-004**	**0.0602**	**3.3000e-004**	**0.0606**	**0.0160**	**3.1000e-004**	**0.0163**	**0.0000**	**44.1478**	**44.1478**	**8.5000e-004**	**0.0000**	**44.1690**

3.2 Demolition - 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					
Fugitive Dust					8.6000e-003	0.0000	8.6000e-003	1.3000e-003	0.0000	1.3000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1193	0.9361	1.3392	2.5300e-003		0.0381	0.0381		0.0362	0.0362	0.0000	218.8740	218.8740	0.0507	0.0000	220.1411
Total	**0.1193**	**0.9361**	**1.3392**	**2.5300e-003**	**8.6000e-003**	**0.0381**	**0.0467**	**1.3000e-003**	**0.0362**	**0.0375**	**0.0000**	**218.8740**	**218.8740**	**0.0507**	**0.0000**	**220.1411**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9000e-004	5.7600e-003	2.1200e-003	3.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.4000e-004	1.0000e-005	4.6000e-004	0.0000	2.7414	2.7414	1.2000e-004	0.0000	2.7443
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1800e-003	3.8400e-003	0.0478	2.0000e-004	0.0278	1.4000e-004	0.0279	7.3800e-003	1.3000e-004	7.5100e-003	0.0000	17.6980	17.6980	2.6000e-004	0.0000	17.7045
Total	**7.3700e-003**	**9.6000e-003**	**0.0499**	**2.3000e-004**	**0.0295**	**1.5000e-004**	**0.0296**	**7.8200e-003**	**1.4000e-004**	**7.9700e-003**	**0.0000**	**20.4393**	**20.4393**	**3.8000e-004**	**0.0000**	**20.4488**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.8700e-003	0.0000	3.8700e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0241	0.1751	1.1402	2.5300e-003		2.9600e-003	2.9600e-003		2.9600e-003	2.9600e-003	0.0000	164.2932	164.2932	0.0450	0.0000	165.4190
Total	**0.0241**	**0.1751**	**1.1402**	**2.5300e-003**	**3.8700e-003**	**2.9600e-003**	**6.8300e-003**	**5.9000e-004**	**2.9600e-003**	**3.5500e-003**	**0.0000**	**164.2932**	**164.2932**	**0.0450**	**0.0000**	**165.4190**

Mitigated Construction Off-Site

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

Category	tons/yr										MT/yr					
Hauling	1.9000e-004	5.7600e-003	2.1200e-003	3.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.4000e-004	1.0000e-005	4.6000e-004	0.0000	2.7414	2.7414	1.2000e-004	0.0000	2.7443
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1800e-003	3.8400e-003	0.0478	2.0000e-004	0.0278	1.4000e-004	0.0279	7.3800e-003	1.3000e-004	7.5100e-003	0.0000	17.6980	17.6980	2.6000e-004	0.0000	17.7045
Total	**7.3700e-003**	**9.6000e-003**	**0.0499**	**2.3000e-004**	**0.0295**	**1.5000e-004**	**0.0296**	**7.8200e-003**	**1.4000e-004**	**7.9700e-003**	**0.0000**	**20.4393**	**20.4393**	**3.8000e-004**	**0.0000**	**20.4488**

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	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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.621001	0.034238	0.180324	0.101476	0.012045	0.005050	0.013047	0.022691	0.002214	0.001475	0.005139	0.000645	0.000656

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	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			
Other Asphalt Surfaces	0	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	0.0451	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003
Unmitigated	0.0451	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003

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	0.0109					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0337					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4000e-004	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003
Total	**0.0451**	**4.0000e-005**	**4.7800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3300e-003**	**9.3300e-003**	**2.0000e-005**	**0.0000**	**9.9300e-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	0.0109					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0337					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.4000e-004	4.0000e-005	4.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.3300e-003	9.3300e-003	2.0000e-005	0.0000	9.9300e-003
Total	**0.0451**	**4.0000e-005**	**4.7800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**9.3300e-003**	**9.3300e-003**	**2.0000e-005**	**0.0000**	**9.9300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

C1.f Unmitigated Block and Excavation CalEEMod Emissions

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions By Project Phase — **Total (tons/block)**

Year	ROG		Nox	PM10	PM2.5
1	60.42		23.93	0.71	0.71
2A	16.72		7.44	0.22	0.22
2B	9.60		3.82	0.11	0.11
3	18.97		9.42	0.28	0.28

Emissions By Year — **Total (tons/year)**

Year	ROG		Nox	PM10	PM2.5
2021	0.22		1.05	0.03	0.03
2022	0.49		2.32	0.06	0.06
2023	0.75		3.53	0.10	0.10
2024	1.21		5.91	0.18	0.18
2025	11.22		6.61	0.20	0.20
2026	24.45		5.40	0.16	0.16
2027	23.09		3.79	0.11	0.11
2028	4.99		2.01	0.06	0.06
2029	11.69		5.25	0.16	0.16
2030	4.31		5.03	0.15	0.15
2031	11.04		2.87	0.08	0.08
2032	12.24		0.82	0.02	0.02

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions by Block **Tons**

Block	Year		ROG	Nox	PM10	PM2.5
A1	2027		0.24	1.11	0.03	0.03
A1	2028		0.19	0.96	0.03	0.03
A1	2029		6.56	0.68	0.02	0.02
B1	2026		0.12	0.53	0.02	0.02
B1	2027		0.14	0.72	0.02	0.02
B1	2028		0.14	0.71	0.02	0.02
B1	2029		4.15	0.06	0.00	0.00
C1	2029		0.20	0.86	0.03	0.03
C1	2030		0.20	1.05	0.03	0.03
C1	2031		0.20	1.03	0.03	0.03
C1	2032		9.36	0.82	0.02	0.02
C2	2029		0.21	0.95	0.03	0.03
C2	2030		0.15	0.78	0.02	0.02
C2	2031		3.68	0.51	0.02	0.02
C3	2030		0.09	0.43	0.01	0.01
C3	2031		1.41	0.26	0.01	0.01
C3	2032		2.87	0.00	0.00	0.00
D1	2029		0.07	0.37	0.01	0.01
D1	2030		0.72	0.24	0.01	0.01
D1	2031		1.60	0.00	0.00	0.00
D4	2029		0.15	0.69	0.02	0.02
D4	2030		0.10	0.51	0.02	0.02
D4	2031		3.96	0.16	0.01	0.01
D5-D6	2023		0.04	0.18	0.01	0.01
D5-D6	2024		0.04	0.24	0.01	0.01
D5-D6	2025		0.36	0.22	0.01	0.01
D5-D6	2026		0.00	0.00	0.00	0.00
D7	2025		0.09	0.38	0.01	0.01
D7	2026		0.07	0.35	0.01	0.01
D7	2027		3.10	0.24	0.01	0.01
D8-D13	2023		0.10	0.44	0.01	0.01
D8-D13	2024		0.05	0.30	0.01	0.01
D8-D13	2025		0.05	0.30	0.01	0.01
D8-D13	2026		0.05	0.30	0.01	0.01
D8-D13	2027		0.32	0.17	0.00	0.00
E1.1	2024		0.16	0.78	0.02	0.02
E1.1	2025		6.94	0.37	0.01	0.01
E1.2	2023		0.13	0.59	0.02	0.02
E1.2	2024		0.16	0.86	0.03	0.03
E1.2	2025		2.36	0.85	0.03	0.03

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

E1.2	2026		3.59	0.00	0.00	0.00

Emissions by Block

Block	Year		ROG	Nox	PM10	PM2.5
F1-F2	2024		0.26	1.18	0.04	0.04
F1-F2	2025		0.22	1.16	0.03	0.03
F1-F2	2026		10.03	0.85	0.02	0.02
F3	2025		0.07	0.32	0.01	0.01
F3	2026		0.04	0.24	0.01	0.01
F3	2027		4.72	0.04	0.00	0.00
F4	2024		0.08	0.40	0.01	0.01
F4	2025		0.07	0.35	0.01	0.01
F4	2026		3.71	0.23	0.01	0.01
F5	2022		0.05	0.22	0.01	0.01
F5	2023		0.04	0.22	0.01	0.01
F5	2024		0.04	0.22	0.01	0.01
F5	2025		0.47	0.10	0.00	0.00
F6	2024		0.05	0.24	0.01	0.01
F6	2025		0.04	0.22	0.01	0.01
F6	2026		2.83	0.15	0.00	0.00
G1	2025		0.12	0.58	0.02	0.02
G1	2026		0.10	0.47	0.01	0.01
G1	2027		4.74	0.07	0.00	0.00
H1	2024		0.06	0.29	0.01	0.01
H1	2025		0.06	0.33	0.01	0.01
H1	2026		3.40	0.22	0.01	0.01
H2	2029		0.07	0.33	0.01	0.01
H2	2030		2.65	0.20	0.01	0.01
H3	2025		0.14	0.60	0.02	0.02
H3	2026		0.16	0.87	0.03	0.03
H3	2027		9.67	0.71	0.02	0.02
H4	2027		0.10	0.48	0.01	0.01
H4	2028		4.67	0.33	0.01	0.01
150 SM	2024		0.03	0.12	0.00	0.00
150 SM	2025		0.03	0.15	0.00	0.00
150 SM	2026		0.11	0.12	0.00	0.00
40 SM	2024		0.05	0.22	0.01	0.01
40 SM	2025		0.08	0.12	0.00	0.00

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions by Block

Block	Year		ROG	Nox	PM10	PM2.5
LTA B1-1	2025		0.00	0.00	0.00	0.00
LTA B1-2	2025		0.00	0.00	0.00	0.00
LTA B1-3	2025		0.01	0.03	0.00	0.00
LTA B1-4	2025		0.00	0.01	0.00	0.00
LTA B1-4	2025		0.00	0.01	0.00	0.00
Excavation - 1	2021		0.218	1.05	0.03	0.03
Excavation - 1	2022		0.44	2.11	0.06	0.06
Excavation - 1	2023		0.44	2.11	0.06	0.06
Excavation - 1	2024		0.22	1.05	0.03	0.03
Excavation - 2a	2025		0.12	0.53	0.02	0.02
Excavation - 2a	2026		0.24	1.06	0.03	0.03
Excavation - 2a	2027		0.06	0.26	0.01	0.01
Excavation - 2b	2029		0.28	1.31	0.04	0.04
Excavation - 3	2030		0.40	1.82	0.05	0.05
Excavation - 3	2031		0.20	0.91	0.03	0.03

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions by Construction Phase

Block	Phase	Start Date		End Date	ROG	Nox	PM10	PM2.5	Total (tons/phase) PM10	PM2.5
A1	Site Preparation	4/1/2027	A1Site Preparation	6/13/2027	0.14	0.58	0.02	0.02		
A1	Building Construction	6/13/2027	A1Building Construction	7/13/2029	0.39	2.01	0.06	0.06		
A1	Paving	7/13/2029	A1Paving	9/6/2029	0.03	0.17	0.00	0.00		
A1	Arc. Coating	9/6/2029	A1Arc. Coating	10/31/2029	6.43	0.00	0.00	0.00		
B1	Site Preparation	10/1/2026	B1Site Preparation	12/10/2026	0.11	0.49	0.01	0.01		
B1	Building Construction	12/10/2026	B1Building Construction	12/15/2028	0.28	1.45	0.04	0.04		
B1	Paving	12/15/2028	B1Paving	2/6/2029	0.02	0.09	0.00	0.00		
B1	Arc. Coating	2/6/2029	B1Arc. Coating	3/31/2029	4.14	0.00	0.00	0.00		
C1	Site Preparation	9/1/2029	C1Site Preparation	11/12/2029	0.17	0.73	0.02	0.02		
C1	Building Construction	11/12/2029	C1Building Construction	12/12/2031	0.42	2.19	0.07	0.07		
C1	Paving	11/12/2029	C1Paving	12/12/2031	0.02	0.11	0.00	0.00		
C1	Arc. Coating	2/5/2032	C1Arc. Coating	3/31/2032	9.22	0.00	0.00	0.00		
C2	Site Preparation	4/1/2029	C2Site Preparation	6/13/2029	0.13	0.52	0.02	0.02		
C2	Building Construction	6/13/2029	C2Building Construction	7/13/2031	0.33	1.69	0.05	0.05		
C2	Paving	7/13/2031	C2Paving	9/6/2031	0.02	0.09	0.00	0.00		
C2	Arc. Coating	9/6/2031	C2Arc. Coating	10/31/2031	3.59	0.00	0.00	0.00		
C3	Site Preparation	1/1/2030	C3Site Preparation	2/28/2030	0.04	0.21	0.01	0.01		
C3	Building Construction	2/28/2030	C3Building Construction	11/3/2031	0.08	0.44	0.01	0.01		
C3	Paving	11/3/2031	C3Paving	12/17/2031	0.01	0.04	0.00	0.00		
C3	Arc. Coating	12/17/2031	C3Arc. Coating	1/30/2032	4.34	0.00	0.00	0.00		
D1	Site Preparation	1/1/2029	D1Site Preparation	2/28/2029	0.04	0.16	0.00	0.00		
D1	Building Construction	2/28/2029	D1Building Construction	11/4/2030	0.08	0.41	0.01	0.01		
D1	Paving	11/4/2030	D1Paving	12/18/2030	0.01	0.04	0.00	0.00		
D1	Arc. Coating	12/18/2030	D1Arc. Coating	1/31/2031	2.33	0.00	0.00	0.00		
D4	Site Preparation	4/1/2029	D4Site Preparation	6/3/2029	0.09	0.39	0.01	0.01		
D4	Building Construction	6/3/2029	D4Building Construction	3/28/2031	0.18	0.94	0.03	0.03		
D4	Paving	3/28/2031	D4Paving	5/14/2031	0.01	0.04	0.00	0.00		
D4	Arc. Coating	5/14/2031	D4Arc. Coating	7/1/2031	3.93	0.00	0.00	0.00		
D5-D6	Site Preparation	10/1/2023	D5-D6Site Preparation	12/3/2023	0.04	0.17	0.00	0.00		
D5-D6	Building Construction	12/3/2023	D5-D6Building Construction	9/26/2025	0.08	0.44	0.01	0.01		
D5-D6	Paving	9/26/2025	D5-D6Paving	11/13/2025	0.01	0.04	0.00	0.00		
D5-D6	Arc. Coating	11/13/2025	D5-D6Arc. Coating	12/31/2025	0.32	0.00	0.00	0.00		
D7	Site Preparation	7/1/2025	D7Site Preparation	9/4/2025	0.06	0.27	0.01	0.01		
D7	Building Construction	9/4/2025	D7Building Construction	7/24/2027	0.13	0.66	0.02	0.02		
D7	Paving	7/24/2027	D7Paving	9/11/2027	0.01	0.04	0.00	0.00		
D7	Arc. Coating	9/11/2027	D7Arc. Coating	10/31/2027	3.06	0.00	0.00	0.00		
D8-D13	Site Preparation	6/1/2023	D8-D13Site Preparation	10/5/2023	0.08	0.37	0.01	0.01		
D8-D13	Building Construction	10/5/2023	D8-D13Building Constructior	4/24/2027	0.19	1.06	0.03	0.03		
D8-D13	Paving	4/24/2027	D8-D13Paving	7/28/2027	0.01	0.08	0.00	0.00		
D8-D13	Arc. Coating	7/28/2027	D8-D13Arc. Coating	10/31/2027	0.29	0.00	0.00	0.00		

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions by Construction Phase					Total (tons/phase)			
Block	**Phase**	**Start Date**		**End Date**	**ROG**	**Nox**	**PM10**	**PM2.5**
E1.1	Site Preparation	1/1/2024	E1.1Site Preparation	2/21/2024	0.07	0.32	0.01	0.01
E1.1	Building Construction	2/21/2024	E1.1Building Construction	8/15/2025	0.15	0.80	0.03	0.03
E1.1	Paving	8/15/2025	E1.1Paving	9/22/2025	0.01	0.03	0.00	0.00
E1.1	Arc. Coating	9/22/2025	E1.1Arc. Coating	10/31/2025	6.87	0.00	0.00	0.00
E1.2	Site Preparation	10/1/2023	E1.2Site Preparation	12/5/2023	0.12	0.53	0.02	0.02
E1.2	Building Construction	12/5/2023	E1.2Building Construction	10/24/2025	0.31	1.62	0.05	0.05
E1.2	Paving	10/24/2025	E1.2Paving	12/12/2025	0.03	0.15	0.00	0.00
E1.2	Arc. Coating	12/12/2025	E1.2Arc. Coating	1/31/2026	5.91	0.00	0.00	0.00
F1-F2	Site Preparation	6/1/2024	F1-F2Site Preparation	8/8/2024	0.17	0.72	0.02	0.02
F1-F2	Building Construction	8/8/2024	F1-F2Building Construction	7/20/2026	0.43	2.26	0.07	0.07
F1-F2	Paving	7/20/2026	F1-F2Paving	9/9/2026	0.04	0.21	0.01	0.01
F1-F2	Arc. Coating	9/9/2026	F1-F2Arc. Coating	10/31/2026	9.87	0.00	0.00	0.00
F3	Site Preparation	3/1/2025	F3Site Preparation	4/28/2025	0.04	0.15	0.00	0.00
F3	Building Construction	4/28/2025	F3Building Construction	1/2/2027	0.08	0.41	0.01	0.01
F3	Paving	1/2/2027	F3Paving	2/15/2027	0.01	0.04	0.00	0.00
F3	Arc. Coating	2/15/2027	F3Arc. Coating	3/31/2027	4.71	0.00	0.00	0.00
F4	Site Preparation	6/1/2024	F4Site Preparation	8/8/2024	0.06	0.26	0.01	0.01
F4	Building Construction	8/8/2024	F4Building Construction	7/20/2026	0.13	0.68	0.02	0.02
F4	Paving	7/20/2026	F4Paving	9/9/2026	0.01	0.04	0.00	0.00
F4	Arc. Coating	9/9/2026	F4Arc. Coating	10/31/2026	3.67	0.00	0.00	0.00
F5	Site Preparation	10/1/2022	F5Site Preparation	12/20/2022	0.05	0.21	0.01	0.01
F5	Building Construction	12/20/2022	F5Building Construction	4/1/2025	0.09	0.51	0.02	0.02
F5	Paving	4/1/2025	F5Paving	5/31/2025	0.01	0.05	0.00	0.00
F5	Arc. Coating	5/31/2025	F5Arc. Coating	7/31/2025	0.46	0.00	0.00	0.00
F6	Site Preparation	7/1/2024	F6Site Preparation	9/2/2024	0.04	0.17	0.00	0.00
F6	Building Construction	9/2/2024	F6Building Construction	6/27/2026	0.07	0.40	0.01	0.01
F6	Paving	6/27/2026	F6Paving	8/14/2026	0.01	0.04	0.00	0.00
F6	Arc. Coating	8/14/2026	F6Arc. Coating	10/1/2026	2.80	0.00	0.00	0.00
G1	Site Preparation	1/1/2025	G1Site Preparation	3/7/2025	0.04	0.19	0.01	0.01
G1	Building Construction	3/7/2025	G1Building Construction	1/22/2027	0.18	0.89	0.03	0.03
G1	Paving	1/22/2027	G1Paving	3/12/2027	0.01	0.04	0.00	0.00
G1	Arc. Coating	3/12/2027	G1Arc. Coating	5/1/2027	4.72	0.00	0.00	0.00
H1	Site Preparation	7/1/2024	H1Site Preparation	9/4/2024	0.04	0.19	0.01	0.01
H1	Building Construction	9/4/2024	H1Building Construction	7/24/2026	0.12	0.62	0.02	0.02
H1	Paving	7/24/2026	H1Paving	9/11/2026	0.01	0.04	0.00	0.00
H1	Arc. Coating	9/11/2026	H1Arc. Coating	10/31/2026	3.36	0.00	0.00	0.00
H2	Site Preparation	1/1/2029	H2Site Preparation	2/25/2029	0.03	0.15	0.00	0.00
H2	Building Construction	2/25/2029	H2Building Construction	10/8/2030	0.07	0.36	0.01	0.01
H2	Paving	10/8/2030	H2Paving	11/19/2030	0.01	0.03	0.00	0.00

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions by Construction Phase

Block	Phase	Start Date		End Date	Total (tons/phase) ROG	Nox	PM10	PM2.5
H2	Arc. Coating	11/19/2030	H2Arc. Coating	12/31/2030	2.61	0.00	0.00	0.00
H3	Site Preparation	7/1/2025	H3Site Preparation	9/9/2025	0.09	0.33	0.01	0.01
H3	Building Construction	9/9/2025	H3Building Construction	9/16/2027	0.33	1.77	0.06	0.06
H3	Paving	9/16/2027	H3Paving	11/8/2027	0.02	0.09	0.00	0.00
H3	Arc. Coating	11/8/2027	H3Arc. Coating	12/31/2027	9.54	0.00	0.00	0.00
H4	Site Preparation	2/1/2027	H4Site Preparation	3/29/2027	0.05	0.21	0.01	0.01
H4	Building Construction	3/29/2027	H4Building Construction	11/8/2028	0.11	0.57	0.02	0.02
H4	Paving	11/8/2028	H4Paving	12/20/2028	0.01	0.03	0.00	0.00
H4	Arc. Coating	12/20/2028	H4Arc. Coating	1/31/2029	4.61	0.00	0.00	0.00
150 SM	Site Preparation	10/1/2024	150 SMSite Preparation	11/28/2024	0.03	0.11	0.00	0.00
150 SM	Building Construction	11/28/2024	150 SMBuilding Constructior	8/4/2026	0.04	0.25	0.01	0.01
150 SM	Paving	8/4/2026	150 SMPaving	9/17/2026	0.01	0.04	0.00	0.00
150 SM	Arc. Coating	9/17/2026	150 SMArc. Coating	10/31/2026	0.09	0.00	0.00	0.00
40 SM	Site Preparation	1/1/2024	40 SMSite Preparation	2/21/2024	0.02	0.09	0.00	0.00
40 SM	Building Construction	2/21/2024	40 SMBuilding Construction	8/15/2025	0.04	0.22	0.01	0.01
40 SM	Paving	8/15/2025	40 SMPaving	9/22/2025	0.01	0.03	0.00	0.00
40 SM	Arc. Coating	9/22/2025	40 SMArc. Coating	10/31/2025	0.06	0.00	0.00	0.00
LTA B1-1	Paving	7/1/2025	LTA B1-1Paving	7/6/2025	0.00	0.00	0.00	0.00
LTA B1-2	Paving	7/8/2025	LTA B1-2Paving	7/13/2025	0.00	0.00	0.00	0.00
LTA B1-3	Paving	7/15/2025	LTA B1-3Paving	8/12/2025	0.01	0.03	0.00	0.00
LTA B1-4	Paving	8/13/2025	LTA B1-4Paving	8/23/2025	0.00	0.01	0.00	0.00
LTA B1-4	Paving	8/24/2025	LTA B1-4Paving	9/3/2025	0.00	0.01	0.00	0.00
Excavation	1	7/1/2021	Excavation1	7/1/2024	1.31	6.32	0.18	0.18
Excavation	2a	7/1/2025	Excavation2a	4/1/2027	0.42	1.85	0.05	0.05
Excavation	2b	1/1/2029	Excavation2b	1/1/2030	0.28	1.31	0.04	0.04
Excavation	3	1/1/2030	Excavation3	7/1/2031	0.59	2.73	0.08	0.08

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions by Construction Phase by year

					Total (tons/phase)			
Block	**Phase**	**Date**		**% Total**	**ROG**	**Nox**	**PM10**	**PM2.5**
Excavation	1	2021	Excavation1	0.16666667	0.22	1.05	0.03	0.03
F5	Site Preparation	2022	F5Site Preparation	100.00%	0.05	0.21	0.01	0.01
F5	Building Construction	2022	F5Building Construction	1.28%	0.00	0.01	0.00	0.00
Excavation	1	2022	Excavation1	33.33%	0.44	2.11	0.06	0.06
D5-D6	Site Preparation	2023	D5-D6Site Preparation	100.00%	0.04	0.17	0.00	0.00
D5-D6	Building Construction	2023	D5-D6Building Construction	4.17%	0.00	0.02	0.00	0.00
D8-D13	Site Preparation	2023	D8-D13Site Preparation	100.00%	0.08	0.37	0.01	0.01
D8-D13	Building Construction	2023	D8-D13Building Constructior	6.66%	0.01	0.07	0.00	0.00
E1.2	Site Preparation	2023	E1.2Site Preparation	100.00%	0.12	0.53	0.02	0.02
E1.2	Building Construction	2023	E1.2Building Construction	3.65%	0.01	0.06	0.00	0.00
F5	Building Construction	2023	F5Building Construction	43.69%	0.04	0.22	0.01	0.01
Excavation	1	2023	Excavation1	33.33%	0.44	2.11	0.06	0.06
150 SM	Site Preparation	2024	150 SMSite Preparation	100.00%	0.03	0.11	0.00	0.00
150 SM	Building Construction	2024	150 SMBuilding Constructior	5.31%	0.00	0.01	0.00	0.00
40 SM	Site Preparation	2024	40 SMSite Preparation	100.00%	0.02	0.09	0.00	0.00
40 SM	Building Construction	2024	40 SMBuilding Construction	58.00%	0.02	0.13	0.00	0.00
D5-D6	Building Construction	2024	D5-D6Building Construction	55.00%	0.04	0.24	0.01	0.01
D8-D13	Building Construction	2024	D8-D13Building Constructior	28.15%	0.05	0.30	0.01	0.01
E1.1	Site Preparation	2024	E1.1Site Preparation	100.00%	0.07	0.32	0.01	0.01
E1.1	Building Construction	2024	E1.1Building Construction	58.00%	0.09	0.46	0.01	0.01
E1.2	Building Construction	2024	E1.2Building Construction	53.02%	0.16	0.86	0.03	0.03
F1-F2	Site Preparation	2024	F1-F2Site Preparation	100.00%	0.17	0.72	0.02	0.02
F1-F2	Building Construction	2024	F1-F2Building Construction	20.35%	0.09	0.46	0.01	0.01
F4	Site Preparation	2024	F4Site Preparation	100.00%	0.06	0.26	0.01	0.01
F4	Building Construction	2024	F4Building Construction	20.35%	0.03	0.14	0.00	0.00
F5	Building Construction	2024	F5Building Construction	43.81%	0.04	0.22	0.01	0.01
F6	Site Preparation	2024	F6Site Preparation	100.00%	0.04	0.17	0.005	0.00
F6	Building Construction	2024	F6Building Construction	18.03%	0.01	0.07	0.00	0.00
H1	Site Preparation	2024	H1Site Preparation	100.00%	0.04	0.19	0.01	0.01
H1	Building Construction	2024	H1Building Construction	17.05%	0.02	0.11	0.00	0.00
Excavation	1	2024	Excavation1	16.67%	0.22	1.05	0.03	0.03
150 SM	Building Construction	2025	150 SMBuilding Constructior	59.28%	0.03	0.15	0.00	0.00
40 SM	Building Construction	2025	40 SMBuilding Construction	41.76%	0.02	0.09	0.00	0.00
40 SM	Paving	2025	40 SMPaving	100.00%	0.01	0.03	0.00	0.00
40 SM	Arc. Coating	2025	40 SMArc. Coating	100.00%	0.06	0.00	0.00	0.00
D5-D6	Building Construction	2025	D5-D6Building Construction	40.39%	0.03	0.18	0.01	0.01
D5-D6	Paving	2025	D5-D6Paving	100.00%	0.01	0.04	0.00	0.00
D5-D6	Arc. Coating	2025	D5-D6Arc. Coating	100.00%	0.32	0.00	0.00	0.00
D7	Site Preparation	2025	D7Site Preparation	100.00%	0.06	0.27	0.01	0.01

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

					Total (tons/phase)			
Block	**Phase**	**Date**		**% Total**	**ROG**	**Nox**	**PM10**	**PM2.5**
D7	Building Construction	2025	D7Building Construction	17.05%	0.02	0.11	0.00	0.00
D8-D13	Building Construction	2025	D8-D13Building Constructior	28.08%	0.05	0.30	0.01	0.01
E1.1	Building Construction	2025	E1.1Building Construction	41.76%	0.06	0.33	0.01	0.01
E1.1	Paving	2025	E1.1Paving	100.00%	0.01	0.03	0.00	0.00
E1.1	Arc. Coating	2025	E1.1Arc. Coating	100.00%	6.87	0.00	0.00	0.00
E1.2	Building Construction	2025	E1.2Building Construction	43.00%	0.13	0.69	0.02	0.02
E1.2	Paving	2025	E1.2Paving	100.00%	0.03	0.15	0.00	0.00
E1.2	Arc. Coating	2025	E1.2Arc. Coating	37.22%	2.20	0.00	0.00	0.00
F1-F2	Building Construction	2025	F1-F2Building Construction	51.15%	0.22	1.16	0.03	0.03
F3	Site Preparation	2025	F3Site Preparation	100.00%	0.04	0.15	0.00	0.00
F3	Building Construction	2025	F3Building Construction	40.16%	0.03	0.16	0.01	0.01
F4	Building Construction	2025	F4Building Construction	51.15%	0.07	0.35	0.01	0.01
F5	Building Construction	2025	F5Building Construction	10.80%	0.01	0.05	0.00	0.00
F5	Paving	2025	F5Paving	100.00%	0.01	0.05	0.00	0.00
F5	Arc. Coating	2025	F5Arc. Coating	100.00%	0.46	0.00	0.00	0.00
F6	Building Construction	2025	F6Building Construction	54.85%	0.04	0.22	0.01	0.01
G1	Site Preparation	2025	G1Site Preparation	100.00%	0.04	0.19	0.01	0.01
G1	Building Construction	2025	G1Building Construction	43.50%	0.08	0.39	0.01	0.01
H1	Building Construction	2025	H1Building Construction	52.94%	0.06	0.33	0.01	0.01
H3	Site Preparation	2025	H3Site Preparation	100.00%	0.09	0.33	0.01	0.01
H3	Building Construction	2025	H3Building Construction	15.26%	0.05	0.27	0.01	0.01
LTA B1-1	Paving	2025	LTA B1-1Paving	100.00%	0.00	0.00	0.00	0.00
LTA B1-2	Paving	2025	LTA B1-2Paving	100.00%	0.00	0.00	0.00	0.00
LTA B1-3	Paving	2025	LTA B1-3Paving	100.00%	0.01	0.03	0.00	0.00
LTA B1-4	Paving	2025	LTA B1-4Paving	100.00%	0.00	0.01	0.00	0.00
LTA B1-4	Paving	2025	LTA B1-4Paving	100.00%	0.00	0.01	0.00	0.00
Excavation	2a	2025	Excavation2a	28.57%	0.12	0.53	0.02	0.02
150 SM	Building Construction	2026	150 SMBuilding Constructior	35.02%	0.02	0.09	0.00	0.00
150 SM	Paving	2026	150 SMPaving	100.00%	0.01	0.04	0.00	0.00
150 SM	Arc. Coating	2026	150 SMArc. Coating	100.00%	0.09	0.00	0.00	0.00
B1	Site Preparation	2026	B1Site Preparation	100.00%	0.11	0.49	0.01	0.01
B1	Building Construction	2026	B1Building Construction	2.78%	0.01	0.04	0.00	0.00
D5-D6	Arc. Coating	2026	D5-D6Arc. Coating	0.00%	0.00	0.00	0.00	0.00
D7	Building Construction	2026	D7Building Construction	52.94%	0.07	0.35	0.01	0.01
D8-D13	Building Construction	2026	D8-D13Building Constructior	28.08%	0.05	0.30	0.01	0.01
E1.2	Arc. Coating	2026	E1.2Arc. Coating	60.75%	3.59	0.00	0.00	0.00
F1-F2	Building Construction	2026	F1-F2Building Construction	28.11%	0.12	0.63	0.02	0.02
F1-F2	Paving	2026	F1-F2Paving	100.00%	0.04	0.21	0.01	0.01
F1-F2	Arc. Coating	2026	F1-F2Arc. Coating	100.00%	9.87	0.00	0.00	0.00
F3	Building Construction	2026	F3Building Construction	59.28%	0.04	0.24	0.01	0.01

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

					Total (tons/phase)			
Block	**Phase**	**Date**		**% Total**	**ROG**	**Nox**	**PM10**	**PM2.5**
F4	Building Construction	2026	F4Building Construction	28.11%	0.04	0.19	0.01	0.01
F4	Paving	2026	F4Paving	100.00%	0.01	0.04	0.00	0.00
F4	Arc. Coating	2026	F4Arc. Coating	100.00%	3.67	0.00	0.00	0.00
F6	Building Construction	2026	F6Building Construction	26.67%	0.02	0.11	0.00	0.00
F6	Paving	2026	F6Paving	100.00%	0.01	0.04	0.00	0.00
F6	Arc. Coating	2026	F6Arc. Coating	100.00%	2.80	0.00	0.00	0.00
G1	Building Construction	2026	G1Building Construction	53.06%	0.10	0.47	0.01	0.01
H1	Building Construction	2026	H1Building Construction	29.67%	0.04	0.18	0.01	0.01
H1	Paving	2026	H1Paving	100.00%	0.01	0.04	0.00	0.00
H1	Arc. Coating	2026	H1Arc. Coating	100.00%	3.36	0.00	0.00	0.00
H3	Building Construction	2026	H3Building Construction	49.43%	0.16	0.87	0.03	0.03
Excavation	2a	2026	Excavation2a	57.14%	0.24	1.06	0.03	0.03
A1	Site Preparation	2027	A1Site Preparation	100.00%	0.14	0.58	0.02	0.02
A1	Building Construction	2027	A1Building Construction	26.39%	0.10	0.53	0.02	0.02
B1	Building Construction	2027	B1Building Construction	49.48%	0.14	0.72	0.02	0.02
D7	Building Construction	2027	D7Building Construction	29.67%	0.04	0.20	0.01	0.01
D7	Paving	2027	D7Paving	100.00%	0.01	0.04	0.00	0.00
D7	Arc. Coating	2027	D7Arc. Coating	100.00%	3.06	0.00	0.00	0.00
D8-D13	Building Construction	2027	D8-D13Building Constructior	8.72%	0.02	0.09	0.00	0.00
D8-D13	Paving	2027	D8-D13Paving	100.00%	0.01	0.08	0.00	0.00
D8-D13	Arc. Coating	2027	D8-D13Arc. Coating	100.00%	0.29	0.00	0.00	0.00
F3	Building Construction	2027	F3Building Construction	0.16%	0.00	0.00	0.00	0.00
F3	Paving	2027	F3Paving	100.00%	0.01	0.04	0.00	0.00
F3	Arc. Coating	2027	F3Arc. Coating	100.00%	4.71	0.00	0.00	0.00
G1	Building Construction	2027	G1Building Construction	3.06%	0.01	0.03	0.00	0.00
G1	Paving	2027	G1Paving	100.00%	0.01	0.04	0.00	0.00
G1	Arc. Coating	2027	G1Arc. Coating	100.00%	4.72	0.00	0.00	0.00
H3	Building Construction	2027	H3Building Construction	35.04%	0.11	0.62	0.02	0.02
H3	Paving	2027	H3Paving	100.00%	0.02	0.09	0.00	0.00
H3	Arc. Coating	2027	H3Arc. Coating	100.00%	9.54	0.00	0.00	0.00
H4	Site Preparation	2027	H4Site Preparation	100.00%	0.05	0.21	0.01	0.01
H4	Building Construction	2027	H4Building Construction	46.95%	0.05	0.27	0.01	0.01
Excavation	2a	2027	Excavation2a	14.29%	0.06	0.26	0.01	0.01
A1	Building Construction	2028	A1Building Construction	47.95%	0.19	0.96	0.03	0.03
B1	Building Construction	2028	B1Building Construction	47.44%	0.13	0.69	0.02	0.02
B1	Paving	2028	B1Paving	30.17%	0.00	0.03	0.00	0.00
H4	Building Construction	2028	H4Building Construction	52.88%	0.06	0.30	0.01	0.01
H4	Paving	2028	H4Paving	100.00%	0.01	0.03	0.00	0.00
H4	Arc. Coating	2028	H4Arc. Coating	100.00%	4.61	0.00	0.00	0.00
A1	Building Construction	2029	A1Building Construction	25.40%	0.10	0.51	0.02	0.02
A1	Paving	2029	A1Paving	100.00%	0.03	0.17	0.00	0.00

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

A1	Arc. Coating	2029	A1Arc. Coating	100.00%	6.43	0.00	0.00	0.00
Block	**Phase**	**Date**		**% Total**	**ROG**	**Nox**	**PM10**	**PM2.5**
B1	Paving	2029	B1Paving	68.57%	0.01	0.06	0.00	0.00
B1	Arc. Coating	2029	B1Arc. Coating	100.00%	4.14	0.00	0.00	0.00
C1	Site Preparation	2029	C1Site Preparation	100.00%	0.17	0.73	0.02	0.02
C1	Building Construction	2029	C1Building Construction	6.32%	0.03	0.14	0.00	0.00
C2	Site Preparation	2029	C2Site Preparation	100.00%	0.13	0.52	0.02	0.02
C2	Building Construction	2029	C2Building Construction	25.43%	0.09	0.43	0.01	0.01
D1	Site Preparation	2029	D1Site Preparation	100.00%	0.04	0.16	0.00	0.00
D1	Building Construction	2029	D1Building Construction	49.77%	0.04	0.20	0.01	0.01
D4	Site Preparation	2029	D4Site Preparation	100.00%	0.09	0.39	0.01	0.01
D4	Building Construction	2029	D4Building Construction	31.79%	0.06	0.30	0.01	0.01
H2	Site Preparation	2029	H2Site Preparation	100.00%	0.03	0.15	0.00	0.00
H2	Building Construction	2029	H2Building Construction	52.29%	0.03	0.19	0.01	0.01
Excavation	2b	2029	Excavation2b	100.00%	0.28	1.31	0.04	0.04
C1	Building Construction	2030	C1Building Construction	47.92%	0.20	1.05	0.03	0.03
C2	Building Construction	2030	C2Building Construction	46.05%	0.15	0.78	0.02	0.02
C3	Site Preparation	2030	C3Site Preparation	100.00%	0.04	0.21	0.01	0.01
C3	Building Construction	2030	C3Building Construction	49.85%	0.04	0.22	0.01	0.01
D1	Building Construction	2030	D1Building Construction	50.00%	0.04	0.20	0.01	0.01
D1	Paving	2030	D1Paving	100.00%	0.01	0.04	0.00	0.00
D1	Arc. Coating	2030	D1Arc. Coating	29.22%	0.68	0.00	0.00	0.00
D4	Building Construction	2030	D4Building Construction	54.92%	0.10	0.51	0.02	0.02
H2	Building Construction	2030	H2Building Construction	47.52%	0.03	0.17	0.01	0.01
H2	Paving	2030	H2Paving	100.00%	0.01	0.03	0.00	0.00
H2	Arc. Coating	2030	H2Arc. Coating	100.00%	2.61	0.00	0.00	0.00
Excavation	3	2030	Excavation3	66.67%	0.40	1.82	0.05	0.05
C1	Building Construction	2031	C1Building Construction	45.42%	0.19	0.99	0.03	0.03
C1	Paving	2031	C1Paving	33.70%	0.01	0.04	0.00	0.00
C2	Building Construction	2031	C2Building Construction	24.42%	0.08	0.41	0.01	0.01
C2	Paving	2031	C2Paving	100.00%	0.02	0.09	0.00	0.00
C2	Arc. Coating	2031	C2Arc. Coating	100.00%	3.59	0.00	0.00	0.00
C3	Building Construction	2031	C3Building Construction	49.90%	0.04	0.22	0.01	0.01
C3	Paving	2031	C3Paving	100.00%	0.01	0.04	0.00	0.00
C3	Arc. Coating	2031	C3Arc. Coating	31.41%	1.36	0.00	0.00	0.00
D1	Arc. Coating	2031	D1Arc. Coating	68.49%	1.60	0.00	0.00	0.00
D4	Building Construction	2031	D4Building Construction	12.98%	0.02	0.12	0.00	0.00
D4	Paving	2031	D4Paving	100.00%	0.01	0.04	0.00	0.00
D4	Arc. Coating	2031	D4Arc. Coating	100.00%	3.93	0.00	0.00	0.00
Excavation	3	2031	Excavation3	33.33%	0.20	0.91	0.03	0.03
C1	Paving	2032	C1Paving	730.99%	0.15	0.82	0.02	0.02
C1	Arc. Coating	2032	C1Arc. Coating	100.00%	9.22	0.00	0.00	0.00
C3	Arc. Coating	2032	C3Arc. Coating	66.30%	2.87	0.00	0.00	0.00

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions by C	Fugitive Dust (tons/phase)		AC	Paving	Off Road (tons/phase)			
Block	ROG	ROG	ROG	Nox	ROG	Nox	PM10	PM2.5
A1	0.00	0.00			0.13591	0.58442	0.01720	0.01719
A1					0.38680	2.01003	0.06143	0.06143
A1					0.03026	0.16952	0.00452	0.00452
A1			6.43	0	0.00000	0.00000	0.00000	0.00000
B1	0.00	0.00			0.11439	0.48920	0.01447	0.01447
B1					0.28268	1.44698	0.04417	0.04417
B1					0.01557	0.08632	0.00231	0.00231
B1			4.14	0	0.00000	0.00000	0.00000	0.00000
C1	0.00	0.00			0.17150	0.72611	0.02221	0.02220
C1					0.41713	2.18758	0.06629	0.06629
C1					0.02013	0.11277	0.00300	0.00300
C1			9.19	0.02673	0.00000	0.00000	0.00000	0.00000
C2	0.00	0.00			0.12741	0.51997	0.01560	0.01559
C2					0.33479	1.68934	0.05160	0.05160
C2					0.01679	0.09307	0.00249	0.00249
C2			3.54	0.04314	0.00000	0.00000	0.00000	0.00000
C3	0.00	0.00			0.04481	0.20583	0.00578	0.00577
C3					0.08132	0.44440	0.01353	0.01353
C3					0.00644	0.03567	0.00095	0.00095
C3			4.33	0.0075	0.00000	0.00000	0.00000	0.00000
D1	0.00	0.00			0.03665	0.16191	0.00460	0.00460
D1					0.07532	0.40931	0.01257	0.01257
D1					0.00644	0.03572	0.00096	0.00096
D1			2.31	0.01876	0.00000	0.00000	0.00000	0.00000
D4	0.00	0.00			0.09117	0.39271	0.01124	0.01123
D4					0.17717	0.93586	0.03001	0.03001
D4					0.00770	0.04288	0.00114	0.00114
D4			3.90	0.02579	0.00000	0.00000	0.00000	0.00000
D5-D6	0.00	0.00			0.03803	0.16551	0.00474	0.00473
D5-D6					0.08140	0.44237	0.01359	0.01359
D5-D6					0.00699	0.03875	0.00104	0.00104
D5-D6			0.29	0.02579	0.00000	0.00000	0.00000	0.00000
D7	0.00	0.00			0.06420	0.26699	0.00812	0.00812
D7					0.12586	0.66008	0.02000	0.02000
D7					0.00726	0.04022	0.00108	0.00108
D7			3.04	0.01735	0.00000	0.00000	0.00000	0.00000
D8-D13	0.00	0.00			0.08435	0.36572	0.01248	0.01248
D8-D13					0.18734	1.06271	0.02889	0.02889
D8-D13					0.01398	0.07746	0.00207	0.00207
D8-D13			0.29	0	0.00000	0.00000	0.00000	0.00000

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions by C	Fugitive Dust (tons/phase)		AC	Paving			Off Road (tons/phase)	
Block	PM10	PM2.5	ROG	ROG	ROG	Nox	PM10	PM2.5
E1.1	0.00	0.00			0.07365	0.31724	0.00908	0.00908
E1.1					0.15005	0.79561	0.02537	0.02537
E1.1					0.00622	0.03464	0.00092	0.00092
E1.1			6.84	0.03283	0.00000	0.00000	0.00000	0.00000
E1.2	0.00	0.00			0.12238	0.52623	0.01549	0.01548
E1.2					0.30824	1.61586	0.04963	0.04963
E1.2					0.02724	0.15264	0.00407	0.00407
E1.2			5.84	0.07034	0.00000	0.00000	0.00000	0.00000
F1-F2	0.00	0.00			0.16770	0.72029	0.02184	0.02183
F1-F2					0.43373	2.25810	0.06824	0.06824
F1-F2					0.03761	0.21070	0.00561	0.00561
F1-F2			9.80	0.068	0.00000	0.00000	0.00000	0.00000
F3	0.00	0.00			0.03505	0.15255	0.00437	0.00436
F3					0.07532	0.40931	0.01257	0.01257
F3					0.00644	0.03572	0.00096	0.00096
F3			4.70	0.01172	0.00000	0.00000	0.00000	0.00000
F4	0.00	0.00			0.05612	0.26067	0.00729	0.00728
F4					0.13026	0.68312	0.02070	0.02070
F4					0.00752	0.04169	0.00112	0.00112
F4			3.65	0.02345	0.00000	0.00000	0.00000	0.00000
F5	0.00	0.00			0.04821	0.20981	0.00600	0.00600
F5					0.09392	0.50702	0.01573	0.01573
F5					0.00886	0.04913	0.00131	0.00131
F5			0.45	0.00188	0.00000	0.00000	0.00000	0.00000
F6	0.00	0.00			0.03803	0.16551	0.00474	0.00473
F6					0.07480	0.40382	0.01253	0.01253
F6					0.00699	0.03875	0.00104	0.00104
F6			2.78	0.01641	0.00000	0.00000	0.00000	0.00000
G1	0.00	0.00			0.04230	0.18848	0.00535	0.00535
G1					0.17947	0.89211	0.02714	0.02714
G1					0.00724	0.04012	0.00107	0.00107
G1			4.72	0.00563	0.00000	0.00000	0.00000	0.00000
H1	0.00	0.00			0.04240	0.18894	0.00537	0.00536
H1					0.11902	0.62013	0.01891	0.01891
H1					0.00726	0.04022	0.00108	0.00108
H1			3.35	0.00938	0.00000	0.00000	0.00000	0.00000
H2	0.00	0.00			0.03356	0.14608	0.00418	0.00418
H2					0.06641	0.35854	0.01112	0.01112
H2					0.00617	0.03420	0.00091	0.00091

Downtown West San Jose Mixed Use Proiect

Unmitigated Criteria Pollutant Summary

Emissions by C	(tons/phase)		AC	Paving	Off Road (tons/phase)					
Block	PM10	PM2.5	ROG	ROG	ROG	Nox	CO	SO2	PM10	PM2.5
H2			2.60	0.01407	0.00000	0.00000	0.00000	0.00000		
H3	0.00	0.00			0.08903	0.33431	0.01086	0.01086		
H3					0.32659	1.76788	0.05612	0.05612		
H3					0.01559	0.08641	0.00231	0.00231		
H3			9.48	0.06565	0.00000	0.00000	0.00000	0.00000		
H4	0.00	0.00			0.04611	0.21416	0.00599	0.00598		
H4					0.10800	0.56638	0.01716	0.01716		
H4					0.00618	0.03425	0.00092	0.00092		
H4			4.58	0.03142	0.00000	0.00000	0.00000	0.00000		
150 SM	0.00	0.00			0.02589	0.10837	0.00344	0.00344		
150 SM					0.04400	0.24954	0.00678	0.00678		
150 SM					0.00644	0.03572	0.00096	0.00096		
150 SM			0.09	0	0.00000	0.00000	0.00000	0.00000		
40 SM	0.00	0.00			0.02266	0.09486	0.00301	0.00301		
40 SM					0.03878	0.21995	0.00598	0.00598		
40 SM					0.00564	0.03127	0.00084	0.00084		
40 SM			0.06	0	0.00000	0.00000	0.00000	0.00000		
LTA B1-1	0.00	0.00		0	0.00070	0.00154	0.00008	0.00008		
LTA B1-2	0.00	0.00		0	0.00070	0.00154	0.00008	0.00008		
LTA B1-3	0.00	0.00		0	0.00593	0.03237	0.00087	0.00087		
LTA B1-4	0.00	0.00		0	0.00119	0.00697	0.00019	0.00019		
LTA B1-4	0.00	0.00		0	0.00154	0.00902	0.00023	0.00023		
Excavation	0.92	0.10			1.31072	6.32233	0.17617	0.17616		
Excavation	0.53	0.06			0.41516	1.84779	0.05275	0.05275		
Excavation	0.30	0.03			0.28471	1.30568	0.03694	0.03693		
Excavation	0.63	0.07			0.59434	2.72964	0.07718	0.07717		

Downtown West San Jose Mixed Use Project
GHG - OffRoad Emissions Summary

Emissions By Project Phase **MT by block**

Year	CO2	CH4	CO2e
1	32,729	7	32,906
2A	10,325	2.29	10,382
2B	4,966	1.10	4,994
3	13,278	2.92	13,351

Emissions By Year **MT by year**

Year	CO2	CH4	CO2e
2021	1,490	0.32	1,498
2022	3,247	0.72	3,265
2023	4,708	1.07	4,734
2024	8,017	1.76	8,061
2025	9,141	1.95	9,190
2026	7,416	1.60	7,456
2027	5,146	1.13	5,174
2028	2,849	0.59	2,864
2029	7,035	1.64	7,076
2030	6,871	1.47	6,908
2031	3,997	0.85	4,018
2032	1,381	0.28	1,388

		MT/Phase		
Block	**Phase**	**CO2**	**CH4**	**CO2e**
A1	Site Preparation	742.56	0.20	747
A1	Building Construction	2812.41	0.58	2,827
A1	Paving	233.76	0.06	235
A1	Arc. Coating	4.72	0.00	5
B1	Site Preparation	620.18	0.16	624
B1	Building Construction	2092.01	0.43	2,103
B1	Paving	124.08	0.03	125
B1	Arc. Coating	1.82	0.00	2
C1	Site Preparation	936.62	0.25	943
C1	Building Construction	3039.38	0.62	3,055
C1	Paving	188.27	0.04	189
C1	Arc. Coating	3.84	0.00	4
C2	Site Preparation	661.60	0.18	666
C2	Building Construction	2472.02	0.52	2,485
C2	Paving	132.65	0.03	133
C2	Arc. Coating	1.72	0.00	2
C3	Site Preparation	260.74	0.07	262
C3	Building Construction	559.69	0.10	562
C3	Paving	49.81	0.01	50
C3	Arc. Coating	0.66	0.00	1
D1	Site Preparation	199.43	0.05	201
D1	Building Construction	512.63	0.09	515
D1	Paving	51.05	0.01	51
D1	Arc. Coating	0.71	0.00	1
D4	Site Preparation	522.36	0.13	526
D4	Building Construction	1117.02	0.24	1,123
D4	Paving	61.73	0.01	62
D4	Arc. Coating	0.72	0.00	1
D5-D6	Site Preparation	203.91	0.05	205
D5-D6	Building Construction	560.50	0.10	563
D5-D6	Paving	56.51	0.01	57
D5-D6	Arc. Coating	1.02	0.00	1
D7	Site Preparation	342.09	0.09	344
D7	Building Construction	942.24	0.19	947
D7	Paving	57.99	0.01	58
D7	Arc. Coating	0.96	0.00	1
D8-D13	Site Preparation	359.59	0.09	362
D8-D13	Building Construction	1640.32	0.32	1,648
D8-D13	Paving	111.67	0.03	112
D8-D13	Arc. Coating	1.84	0.00	2
E1.1	Site Preparation	423.49	0.11	426

E1.1	Building Construction	1006.91	0.20	1,012
E1.1	Paving	51.03	0.01	51
E1.1	Arc. Coating	0.83	0.00	1
E1.2	Site Preparation	670.75	0.18	675
E1.2	Building Construction	2261.21	0.44	2,272
E1.2	Paving	211.48	0.05	213
E1.2	Arc. Coating	5.32	0.00	5
F1-F2	Site Preparation	929.97	0.25	936
F1-F2	Building Construction	3249.93	0.67	3,267
F1-F2	Paving	291.57	0.07	293
F1-F2	Arc. Coating	5.23	0.00	5
F3	Site Preparation	187.70	0.05	189
F3	Building Construction	516.61	0.09	519
F3	Paving	51.50	0.01	52
F3	Arc. Coating	0.85	0.00	1
F4	Site Preparation	334.75	0.09	337
F4	Building Construction	969.11	0.20	974
F4	Paving	60.27	0.01	61
F4	Arc. Coating	1.05	0.00	1
F5	Site Preparation	258.66	0.07	260
F5	Building Construction	636.91	0.12	640
F5	Paving	71.23	0.02	72
F5	Arc. Coating	1.30	0.00	1
F6	Site Preparation	204.04	0.05	205
F6	Building Construction	507.27	0.10	510
F6	Paving	56.19	0.01	57
F6	Arc. Coating	1.02	0.00	1
G1	Site Preparation	235.27	0.06	237
G1	Building Construction	1336.79	0.29	1,344
G1	Paving	57.84	0.01	58
G1	Arc. Coating	0.95	0.00	1
H1	Site Preparation	236.10	0.06	238
H1	Building Construction	863.61	0.18	868
H1	Paving	58.15	0.01	58
H1	Arc. Coating	1.01	0.00	1
H2	Site Preparation	179.25	0.05	180
H2	Building Construction	443.71	0.09	446
H2	Paving	48.89	0.01	49
H2	Arc. Coating	0.68	0.00	1
H3	Site Preparation	434.19	0.12	437
H3	Building Construction	2096.20	0.41	2,107
H3	Paving	121.38	0.03	122
H3	Arc. Coating	4.11	0.00	4
H4	Site Preparation	274.68	0.07	276

H4	Building Construction	796.02	0.16	800
H4	Paving	49.24	0.01	50
H4	Arc. Coating	0.77	0.00	1
150 SM	Site Preparation	130.12	0.03	131
150 SM	Building Construction	399.50	0.07	401
150 SM	Paving	51.64	0.01	52
150 SM	Arc. Coating	0.90	0.00	1
40 SM	Site Preparation	113.90	0.03	115
40 SM	Building Construction	352.13	0.06	354
40 SM	Paving	45.33	0.01	46
40 SM	Arc. Coating	0.83	0.00	1
LTA B1-1	Paving	0.45	0.00	0
LTA B1-2	Paving	0.45	0.00	0
LTA B1-3	Paving	45.69	0.01	46
LTA B1-4	Paving	9.36	0.00	9
LTA B1-4	Paving	12.07	0.00	12
Excavation	1	8939.47	1.95	8,988
Excavation	2a	2588.95	0.59	2,604
Excavation	2b	1833.56	0.41	1,844
Excavation	3	3832.97	0.86	3,855

Block	(Multiple Items)

Row Labels	Sum of ROG	Sum of Nox	Sum of PM10	Sum of PM2.5	Sum of CO2e
1	6.857698667	11.39294793	0.314636825	0.313292532	18865.1095
2A	1.949690657	3.533687737	0.094884461	0.094882095	5914.212856
2B	1.084655643	1.867395658	0.049997841	0.049996825	2867.297237
3	1.968648389	3.535794308	0.095055776	0.095053373	5814.507875
Grand Total	**11.86069336**	**20.32982563**	**0.554574903**	**0.553224825**	**33461.12747**

Block	Excavation

Row Labels	Sum of ROG	Sum of Nox	Sum of PM10	Sum of PM2.5	Sum of CO2e
1	1.112824587	5.432359688	1.073788822	0.15025966	8060.325244
2A	0.365125264	1.646982418	0.576606032	0.046697351	2387.496919
2B	0.247252398	1.147803964	0.336598993	0.032247341	1668.253314
3	0.515819768	2.397973079	0.693876916	0.067340327	3482.652593
Grand Total	**2.241022018**	**10.62511915**	**2.680870762**	**0.296544679**	**15598.72807**

Block	(Multiple Items)

Row Labels	Sum of ROG	Sum of Nox	Sum of PM10	Sum of PM2.5	Sum of CO2e
2022	0.161076126	0.861952582	0.022174974	0.022174066	1157.2227
2023	0.386684447	2.039590205	0.06026817	0.059235342	2555.828648
2024	0.750738665	3.968853688	0.107890965	0.107582291	6289.014388
2025	1.573349927	3.300223856	0.089314627	0.089312742	5940.344391
2026	2.244600558	1.894561051	0.051696526	0.051695725	3600.554138
2027	2.227083005	2.31102337	0.062182861	0.062181297	3843.886609
2028	0.185718545	0.253355336	0.007783042	0.007783042	835.7005455
2029	2.058442877	4.453208403	0.117562783	0.117559698	6488.329746
2030	0.345018658	0.762105722	0.021742707	0.021742373	1666.918726
2031	1.051652288	0.437209306	0.012686085	0.012686085	1012.704693
2032	0.876328261	0.047742115	0.001272162	0.001272162	70.62288122
Grand Total	**11.86069336**	**20.32982563**	**0.554574903**	**0.553224825**	**33461.12747**

Block	Excavation

Row Labels	Sum of ROG	Sum of Nox	Sum of PM10	Sum of PM2.5	Sum of CO2e
2021	0.185470765	0.905393281	0.178964804	0.025043277	1343.387541
2022	0.370941529	1.810786563	0.357929607	0.050086553	2686.775081
2023	0.370941529	1.810786563	0.357929607	0.050086553	2686.775081
2024	0.185470765	0.905393281	0.178964804	0.025043277	1343.387541
2025	0.104321504	0.470566405	0.164744581	0.0133421	682.1419768
2026	0.208643008	0.94113281	0.329489161	0.0266842	1364.283954
2027	0.052160752	0.235283203	0.08237229	0.00667105	341.0709884
2029	0.247252398	1.147803964	0.336598993	0.032247341	1668.253314
2030	0.343879845	1.598648719	0.462584611	0.044893551	2321.768395
2031	0.171939923	0.79932436	0.231292305	0.022446776	1160.884198
Grand Total	**2.241022018**	**10.62511915**	**2.680870762**	**0.296544679**	**15598.72807**

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

									Total (tons/phase)				
Phase	**Block**	**N/A**	**Const. Subphase**	**Date**	**N/A**	**% Total**	**ROG**	**Nox**	**PM10**	**PM2.5**	N/A	N/A	N/A
1	Excavation	Excavation1	1	2021	Excavation1	0.16666667	0.22	1.05	0.03	0.03			
1	F5	F5	Site Preparation	2022	F5Site Preparation	100.00%	0.05	0.21	0.01	0.01			
1	F5	F5	Building Construction	2022	F5Building Construction	1.28%	0.00	0.01	0.00	0.00			
1	Excavation	Excavation1	1	2022	Excavation1	33.33%	0.44	2.11	0.06	0.06			
1	D5-D6	D5-D6	Site Preparation	2023	D5-D6Site Preparation	100.00%	0.04	0.17	0.00	0.00			
1	D5-D6	D5-D6	Building Construction	2023	D5-D6Building Construction	4.17%	0.00	0.02	0.00	0.00			
1	D8-D13	D8-D13	Site Preparation	2023	D8-D13Site Preparation	100.00%	0.08	0.37	0.01	0.01			
1	D8-D13	D8-D13	Building Construction	2023	D8-D13Building Constructior	6.66%	0.01	0.07	0.00	0.00			
1	E1.2	E1.2	Site Preparation	2023	E1.2Site Preparation	100.00%	0.12	0.53	0.02	0.02			
1	E1.2	E1.2	Building Construction	2023	E1.2Building Construction	3.65%	0.01	0.06	0.00	0.00			
1	F5	F5	Building Construction	2023	F5Building Construction	43.69%	0.04	0.22	0.01	0.01			
1	Excavation	Excavation1	1	2023	Excavation1	33.33%	0.44	2.11	0.06	0.06			
1	150 SM	150 SM	Site Preparation	2024	150 SMSite Preparation	100.00%	0.03	0.11	0.00	0.00			
1	150 SM	150 SM	Building Construction	2024	150 SMBuilding Constructior	5.31%	0.00	0.01	0.00	0.00			
1	40 SM	40 SM	Site Preparation	2024	40 SMSite Preparation	100.00%	0.02	0.09	0.00	0.00			
1	40 SM	40 SM	Building Construction	2024	40 SMBuilding Construction	58.00%	0.02	0.13	0.00	0.00			
1	D5-D6	D5-D6	Building Construction	2024	D5-D6Building Construction	55.00%	0.04	0.24	0.01	0.01			
1	D8-D13	D8-D13	Building Construction	2024	D8-D13Building Constructior	28.15%	0.05	0.30	0.01	0.01			
1	E1.1	E1.1	Site Preparation	2024	E1.1Site Preparation	100.00%	0.07	0.32	0.01	0.01			
1	E1.1	E1.1	Building Construction	2024	E1.1Building Construction	58.00%	0.09	0.46	0.01	0.01			
1	E1.2	E1.2	Building Construction	2024	E1.2Building Construction	53.02%	0.16	0.86	0.03	0.03			
1	F1-F2	F1-F2	Site Preparation	2024	F1-F2Site Preparation	100.00%	0.17	0.72	0.02	0.02			
1	F1-F2	F1-F2	Building Construction	2024	F1-F2Building Construction	20.35%	0.09	0.46	0.01	0.01			
1	F4	F4	Site Preparation	2024	F4Site Preparation	100.00%	0.06	0.26	0.01	0.01			
1	F4	F4	Building Construction	2024	F4Building Construction	20.35%	0.03	0.14	0.00	0.00			
1	F5	F5	Building Construction	2024	F5Building Construction	43.81%	0.04	0.22	0.01	0.01			
1	F6	F6	Site Preparation	2024	F6Site Preparation	100.00%	0.04	0.17	0.00	0.00			
1	F6	F6	Building Construction	2024	F6Building Construction	18.03%	0.01	0.07	0.00	0.00			
1	H1	H1	Site Preparation	2024	H1Site Preparation	100.00%	0.04	0.19	0.01	0.01			
1	H1	H1	Building Construction	2024	H1Building Construction	17.05%	0.02	0.11	0.00	0.00			
1	Excavation	Excavation1	1	2024	Excavation1	16.67%	0.22	1.05	0.03	0.03			

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Unmitigated Criteria Pollutant Summary

1	150 SM	150 SM	Building Construction	2025	150 SMBuilding Constructior	59.28%	0.03	0.15	0.00	0.00
1	40 SM	40 SM	Building Construction	2025	40 SMBuilding Construction	41.76%	0.02	0.09	0.00	0.00
1	40 SM	40 SM	Paving	2025	40 SMPaving	100.00%	0.01	0.03	0.00	0.00
1	40 SM	40 SM	Arc. Coating	2025	40 SMArc. Coating	100.00%	0.06	0.00	0.00	0.00
1	D5-D6	D5-D6	Building Construction	2025	D5-D6Building Construction	40.39%	0.03	0.18	0.01	0.01
1	D5-D6	D5-D6	Paving	2025	D5-D6Paving	100.00%	0.01	0.04	0.00	0.00
1	D5-D6	D5-D6	Arc. Coating	2025	D5-D6Arc. Coating	100.00%	0.32	0.00	0.00	0.00
1	D7	D7	Site Preparation	2025	D7Site Preparation	100.00%	0.06	0.27	0.01	0.01
1	D7	D7	Building Construction	2025	D7Building Construction	17.05%	0.02	0.11	0.00	0.00
1	D8-D13	D8-D13	Building Construction	2025	D8-D13Building Constructior	28.08%	0.05	0.30	0.01	0.01
1	E1.1	E1.1	Building Construction	2025	E1.1Building Construction	41.76%	0.06	0.33	0.01	0.01
1	E1.1	E1.1	Paving	2025	E1.1Paving	100.00%	0.01	0.03	0.00	0.00
1	E1.1	E1.1	Arc. Coating	2025	E1.1Arc. Coating	100.00%	6.87	0.00	0.00	0.00
1	E1.2	E1.2	Building Construction	2025	E1.2Building Construction	43.00%	0.13	0.69	0.02	0.02
1	E1.2	E1.2	Paving	2025	E1.2Paving	100.00%	0.03	0.15	0.00	0.00
1	E1.2	E1.2	Arc. Coating	2025	E1.2Arc. Coating	37.22%	2.20	0.00	0.00	0.00
1	F1-F2	F1-F2	Building Construction	2025	F1-F2Building Construction	51.15%	0.22	1.16	0.03	0.03
1	F3	F3	Site Preparation	2025	F3Site Preparation	100.00%	0.04	0.15	0.00	0.00
1	F3	F3	Building Construction	2025	F3Building Construction	40.16%	0.03	0.16	0.01	0.01
1	F4	F4	Building Construction	2025	F4Building Construction	51.15%	0.07	0.35	0.01	0.01
1	F5	F5	Building Construction	2025	F5Building Construction	10.80%	0.01	0.05	0.00	0.00
1	F5	F5	Paving	2025	F5Paving	100.00%	0.01	0.05	0.00	0.00
1	F5	F5	Arc. Coating	2025	F5Arc. Coating	100.00%	0.46	0.00	0.00	0.00
1	F6	F6	Building Construction	2025	F6Building Construction	54.85%	0.04	0.22	0.01	0.01
1	G1	G1	Site Preparation	2025	G1Site Preparation	100.00%	0.04	0.19	0.01	0.01
1	G1	G1	Building Construction	2025	G1Building Construction	43.50%	0.08	0.39	0.01	0.01
1	H1	H1	Building Construction	2025	H1Building Construction	52.94%	0.06	0.33	0.01	0.01
1	H3	H3	Site Preparation	2025	H3Site Preparation	100.00%	0.09	0.33	0.01	0.01
1	H3	H3	Building Construction	2025	H3Building Construction	15.26%	0.05	0.27	0.01	0.01
1	LTA B1-1	LTA B1-1	Paving	2025	LTA B1-1Paving	100.00%	0.00	0.00	0.00	0.00
1	LTA B1-2	LTA B1-2	Paving	2025	LTA B1-2Paving	100.00%	0.00	0.00	0.00	0.00
1	LTA B1-3	LTA B1-3	Paving	2025	LTA B1-3Paving	100.00%	0.01	0.03	0.00	0.00
1	LTA B1-4	LTA B1-4	Paving	2025	LTA B1-4Paving	100.00%	0.00	0.01	0.00	0.00
1	LTA B1-4	LTA B1-4	Paving	2025	LTA B1-4Paving	100.00%	0.00	0.01	0.00	0.00
2A	Excavation	Excavation2a	2a	2025	Excavation2a	28.57%	0.12	0.53	0.02	0.02
1	150 SM	150 SM	Building Construction	2026	150 SMBuilding Constructior	35.02%	0.02	0.09	0.00	0.00
1	150 SM	150 SM	Paving	2026	150 SMPaving	100.00%	0.01	0.04	0.00	0.00
1	150 SM	150 SM	Arc. Coating	2026	150 SMArc. Coating	100.00%	0.09	0.00	0.00	0.00
2A	B1	B1	Site Preparation	2026	B1Site Preparation	100.00%	0.11	0.49	0.01	0.01
2A	B1	B1	Building Construction	2026	B1Building Construction	2.78%	0.01	0.04	0.00	0.00
1	D5-D6	D5-D6	Arc. Coating	2026	D5-D6Arc. Coating	0.00%	0.00	0.00	0.00	0.00
1	D7	D7	Building Construction	2026	D7Building Construction	52.94%	0.07	0.35	0.01	0.01
1	D8-D13	D8-D13	Building Construction	2026	D8-D13Building Constructior	28.08%	0.05	0.30	0.01	0.01
1	E1.2	E1.2	Arc. Coating	2026	E1.2Arc. Coating	60.75%	3.59	0.00	0.00	0.00

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1	F1-F2	F1-F2	Building Construction	2026	F1-F2Building Construction	28.11%	0.12	0.63	0.02	0.02
1	F1-F2	F1-F2	Paving	2026	F1-F2Paving	100.00%	0.04	0.21	0.01	0.01
1	F1-F2	F1-F2	Arc. Coating	2026	F1-F2Arc. Coating	100.00%	9.87	0.00	0.00	0.00
1	F3	F3	Building Construction	2026	F3Building Construction	59.28%	0.04	0.24	0.01	0.01
1	F4	F4	Building Construction	2026	F4Building Construction	28.11%	0.04	0.19	0.01	0.01
1	F4	F4	Paving	2026	F4Paving	100.00%	0.01	0.04	0.00	0.00
1	F4	F4	Arc. Coating	2026	F4Arc. Coating	100.00%	3.67	0.00	0.00	0.00
1	F6	F6	Building Construction	2026	F6Building Construction	26.67%	0.02	0.11	0.00	0.00
1	F6	F6	Paving	2026	F6Paving	100.00%	0.01	0.04	0.00	0.00
1	F6	F6	Arc. Coating	2026	F6Arc. Coating	100.00%	2.80	0.00	0.00	0.00
1	G1	G1	Building Construction	2026	G1Building Construction	53.06%	0.10	0.47	0.01	0.01
1	H1	H1	Building Construction	2026	H1Building Construction	29.67%	0.04	0.18	0.01	0.01
1	H1	H1	Paving	2026	H1Paving	100.00%	0.01	0.04	0.00	0.00
1	H1	H1	Arc. Coating	2026	H1Arc. Coating	100.00%	3.36	0.00	0.00	0.00
1	H3	H3	Building Construction	2026	H3Building Construction	49.43%	0.16	0.87	0.03	0.03
2A	Excavation	Excavation2a	2a	2026	Excavation2a	57.14%	0.24	1.06	0.03	0.03
2A	A1	A1	Site Preparation	2027	A1Site Preparation	100.00%	0.14	0.58	0.02	0.02
2A	A1	A1	Building Construction	2027	A1Building Construction	26.39%	0.10	0.53	0.02	0.02
2A	B1	B1	Building Construction	2027	B1Building Construction	49.48%	0.14	0.72	0.02	0.02
1	D7	D7	Building Construction	2027	D7Building Construction	29.67%	0.04	0.20	0.01	0.01
1	D7	D7	Paving	2027	D7Paving	100.00%	0.01	0.04	0.00	0.00
1	D7	D7	Arc. Coating	2027	D7Arc. Coating	100.00%	3.06	0.00	0.00	0.00
1	D8-D13	D8-D13	Building Construction	2027	D8-D13Building Constructior	8.72%	0.02	0.09	0.00	0.00
1	D8-D13	D8-D13	Paving	2027	D8-D13Paving	100.00%	0.01	0.08	0.00	0.00
1	D8-D13	D8-D13	Arc. Coating	2027	D8-D13Arc. Coating	100.00%	0.29	0.00	0.00	0.00
1	F3	F3	Building Construction	2027	F3Building Construction	0.16%	0.00	0.00	0.00	0.00
1	F3	F3	Paving	2027	F3Paving	100.00%	0.01	0.04	0.00	0.00
1	F3	F3	Arc. Coating	2027	F3Arc. Coating	100.00%	4.71	0.00	0.00	0.00
1	G1	G1	Building Construction	2027	G1Building Construction	3.06%	0.01	0.03	0.00	0.00
1	G1	G1	Paving	2027	G1Paving	100.00%	0.01	0.04	0.00	0.00
1	G1	G1	Arc. Coating	2027	G1Arc. Coating	100.00%	4.72	0.00	0.00	0.00
1	H3	H3	Building Construction	2027	H3Building Construction	35.04%	0.11	0.62	0.02	0.02
1	H3	H3	Paving	2027	H3Paving	100.00%	0.02	0.09	0.00	0.00
1	H3	H3	Arc. Coating	2027	H3Arc. Coating	100.00%	9.54	0.00	0.00	0.00
2A	H4	H4	Site Preparation	2027	H4Site Preparation	100.00%	0.05	0.21	0.01	0.01
2A	H4	H4	Building Construction	2027	H4Building Construction	46.95%	0.05	0.27	0.01	0.01
2A	Excavation	Excavation2a	2a	2027	Excavation2a	14.29%	0.06	0.26	0.01	0.01
2A	A1	A1	Building Construction	2028	A1Building Construction	47.95%	0.19	0.96	0.03	0.03
2A	B1	B1	Building Construction	2028	B1Building Construction	47.44%	0.13	0.69	0.02	0.02
2A	B1	B1	Paving	2028	B1Paving	30.17%	0.00	0.03	0.00	0.00
2A	H4	H4	Building Construction	2028	H4Building Construction	52.88%	0.06	0.30	0.01	0.01
2A	H4	H4	Paving	2028	H4Paving	100.00%	0.01	0.03	0.00	0.00
2A	H4	H4	Arc. Coating	2028	H4Arc. Coating	100.00%	4.61	0.00	0.00	0.00
2A	A1	A1	Building Construction	2029	A1Building Construction	25.40%	0.10	0.51	0.02	0.02
2A	A1	A1	Paving	2029	A1Paving	100.00%	0.03	0.17	0.00	0.00
2A	A1	A1	Arc. Coating	2029	A1Arc. Coating	100.00%	6.43	0.00	0.00	0.00
2A	B1	B1	Paving	2029	B1Paving	68.57%	0.01	0.06	0.00	0.00
2A	B1	B1	Arc. Coating	2029	B1Arc. Coating	100.00%	4.14	0.00	0.00	0.00
3	C1	C1	Site Preparation	2029	C1Site Preparation	100.00%	0.17	0.73	0.02	0.02
3	C1	C1	Building Construction	2029	C1Building Construction	6.32%	0.03	0.14	0.00	0.00

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Unmitigated Criteria Pollutant Summary

3	C2	C2	Site Preparation	2029	C2Site Preparation	100.00%	0.13	0.52	0.02	0.02
3	C2	C2	Building Construction	2029	C2Building Construction	25.43%	0.09	0.43	0.01	0.01
2B	D1	D1	Site Preparation	2029	D1Site Preparation	100.00%	0.04	0.16	0.00	0.00
2B	D1	D1	Building Construction	2029	D1Building Construction	49.77%	0.04	0.20	0.01	0.01
2B	D4	D4	Site Preparation	2029	D4Site Preparation	100.00%	0.09	0.39	0.01	0.01
2B	D4	D4	Building Construction	2029	D4Building Construction	31.79%	0.06	0.30	0.01	0.01
2B	H2	H2	Site Preparation	2029	H2Site Preparation	100.00%	0.03	0.15	0.00	0.00
2B	H2	H2	Building Construction	2029	H2Building Construction	52.29%	0.03	0.19	0.01	0.01
2A	H4	H4	Arc. Coating	2029	H4Arc. Coating	0.00%	0.00	0.00	0.00	0.00
2B	Excavation	Excavation2b	2b	2029	Excavation2b	100.00%	0.28	1.31	0.04	0.04
3	C1	C1	Building Construction	2030	C1Building Construction	47.92%	0.20	1.05	0.03	0.03
3	C2	C2	Building Construction	2030	C2Building Construction	46.05%	0.15	0.78	0.02	0.02
3	C3	C3	Site Preparation	2030	C3Site Preparation	100.00%	0.04	0.21	0.01	0.01
3	C3	C3	Building Construction	2030	C3Building Construction	49.85%	0.04	0.22	0.01	0.01
2B	D1	D1	Building Construction	2030	D1Building Construction	50.00%	0.04	0.20	0.01	0.01
2B	D1	D1	Paving	2030	D1Paving	100.00%	0.01	0.04	0.00	0.00
2B	D1	D1	Arc. Coating	2030	D1Arc. Coating	29.22%	0.68	0.00	0.00	0.00
2B	D4	D4	Building Construction	2030	D4Building Construction	54.92%	0.10	0.51	0.02	0.02
2B	H2	H2	Building Construction	2030	H2Building Construction	47.52%	0.03	0.17	0.01	0.01
2B	H2	H2	Paving	2030	H2Paving	100.00%	0.01	0.03	0.00	0.00
2B	H2	H2	Arc. Coating	2030	H2Arc. Coating	100.00%	2.61	0.00	0.00	0.00
3	Excavation	Excavation3	3	2030	Excavation3	66.67%	0.40	1.82	0.05	0.05
3	C1	C1	Building Construction	2031	C1Building Construction	45.42%	0.19	0.99	0.03	0.03
3	C1	C1	Paving	2031	C1Paving	33.70%	0.01	0.04	0.00	0.00
3	C2	C2	Building Construction	2031	C2Building Construction	24.42%	0.08	0.41	0.01	0.01
3	C2	C2	Paving	2031	C2Paving	100.00%	0.02	0.09	0.00	0.00
3	C2	C2	Arc. Coating	2031	C2Arc. Coating	100.00%	3.59	0.00	0.00	0.00
3	C3	C3	Building Construction	2031	C3Building Construction	49.90%	0.04	0.22	0.01	0.01
3	C3	C3	Paving	2031	C3Paving	100.00%	0.01	0.04	0.00	0.00
3	C3	C3	Arc. Coating	2031	C3Arc. Coating	31.41%	1.36	0.00	0.00	0.00
2B	D1	D1	Arc. Coating	2031	D1Arc. Coating	68.49%	1.60	0.00	0.00	0.00
2B	D4	D4	Building Construction	2031	D4Building Construction	12.98%	0.02	0.12	0.00	0.00
2B	D4	D4	Paving	2031	D4Paving	100.00%	0.01	0.04	0.00	0.00
2B	D4	D4	Arc. Coating	2031	D4Arc. Coating	100.00%	3.93	0.00	0.00	0.00
3	Excavation	Excavation3	3	2031	Excavation3	33.33%	0.20	0.91	0.03	0.03
3	C1	C1	Paving	2032	C1Paving	730.99%	0.15	0.82	0.02	0.02
3	C1	C1	Arc. Coating	2032	C1Arc. Coating	100.00%	9.22	0.00	0.00	0.00
3	C3	C3	Arc. Coating	2032	C3Arc. Coating	66.30%	2.87	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

Emissions by Construction Phase

Block	Phase	Start Date		End Date	Total (tons/phase) ROG	Nox	PM10	PM2.5
A1	Site Preparation	4/1/2027	A1Site Preparation	6/13/2027	0.14	0.58	0.02	0.02
A1	Building Construction	6/13/2027	A1Building Construction	7/13/2029	0.39	2.01	0.06	0.06
A1	Paving	7/13/2029	A1Paving	9/6/2029	0.03	0.17	0.00	0.00
A1	Arc. Coating	9/6/2029	A1Arc. Coating	10/31/2029	6.43	0.00	0.00	0.00
B1	Site Preparation	10/1/2026	B1Site Preparation	12/10/2026	0.11	0.49	0.01	0.01
B1	Building Construction	12/10/2026	B1Building Construction	12/15/2028	0.28	1.45	0.04	0.04
B1	Paving	12/15/2028	B1Paving	2/6/2029	0.02	0.09	0.00	0.00
B1	Arc. Coating	2/6/2029	B1Arc. Coating	3/31/2029	4.14	0.00	0.00	0.00
C1	Site Preparation	9/1/2029	C1Site Preparation	11/12/2029	0.17	0.73	0.02	0.02
C1	Building Construction	11/12/2029	C1Building Construction	12/12/2031	0.42	2.19	0.07	0.07
C1	Paving	11/12/2029	C1Paving	12/12/2031	0.02	0.11	0.00	0.00
C1	Arc. Coating	2/5/2032	C1Arc. Coating	3/31/2032	9.22	0.00	0.00	0.00
C2	Site Preparation	4/1/2029	C2Site Preparation	6/13/2029	0.13	0.52	0.02	0.02
C2	Building Construction	6/13/2029	C2Building Construction	7/13/2031	0.33	1.69	0.05	0.05
C2	Paving	7/13/2031	C2Paving	9/6/2031	0.02	0.09	0.00	0.00
C2	Arc. Coating	9/6/2031	C2Arc. Coating	10/31/2031	3.59	0.00	0.00	0.00
C3	Site Preparation	1/1/2030	C3Site Preparation	2/28/2030	0.04	0.21	0.01	0.01
C3	Building Construction	2/28/2030	C3Building Construction	11/3/2031	0.08	0.44	0.01	0.01
C3	Paving	11/3/2031	C3Paving	12/17/2031	0.01	0.04	0.00	0.00
C3	Arc. Coating	12/17/2031	C3Arc. Coating	1/30/2032	4.34	0.00	0.00	0.00
D1	Site Preparation	1/1/2029	D1Site Preparation	2/28/2029	0.04	0.16	0.00	0.00
D1	Building Construction	2/28/2029	D1Building Construction	11/4/2030	0.08	0.41	0.01	0.01
D1	Paving	11/4/2030	D1Paving	12/18/2030	0.01	0.04	0.00	0.00
D1	Arc. Coating	12/18/2030	D1Arc. Coating	1/31/2031	2.33	0.00	0.00	0.00
D4	Site Preparation	4/1/2029	D4Site Preparation	6/3/2029	0.09	0.39	0.01	0.01
D4	Building Construction	6/3/2029	D4Building Construction	3/28/2031	0.18	0.94	0.03	0.03
D4	Paving	3/28/2031	D4Paving	5/14/2031	0.01	0.04	0.00	0.00
D4	Arc. Coating	5/14/2031	D4Arc. Coating	7/1/2031	3.93	0.00	0.00	0.00
D5-D6	Site Preparation	10/1/2023	D5-D6Site Preparation	12/3/2023	0.04	0.17	0.00	0.00
D5-D6	Building Construction	12/3/2023	D5-D6Building Construction	9/26/2025	0.08	0.44	0.01	0.01
D5-D6	Paving	9/26/2025	D5-D6Paving	11/13/2025	0.01	0.04	0.00	0.00
D5-D6	Arc. Coating	11/13/2025	D5-D6Arc. Coating	12/31/2025	0.32	0.00	0.00	0.00
D7	Site Preparation	7/1/2025	D7Site Preparation	9/4/2025	0.06	0.27	0.01	0.01
D7	Building Construction	9/4/2025	D7Building Construction	7/24/2027	0.13	0.66	0.02	0.02
D7	Paving	7/24/2027	D7Paving	9/11/2027	0.01	0.04	0.00	0.00
D7	Arc. Coating	9/11/2027	D7Arc. Coating	10/31/2027	3.06	0.00	0.00	0.00
D8-D13	Site Preparation	6/1/2023	D8-D13Site Preparation	10/5/2023	0.08	0.37	0.01	0.01
D8-D13	Building Construction	10/5/2023	D8-D13Building Constructior	4/24/2027	0.19	1.06	0.03	0.03
D8-D13	Paving	4/24/2027	D8-D13Paving	7/28/2027	0.01	0.08	0.00	0.00
D8-D13	Arc. Coating	7/28/2027	D8-D13Arc. Coating	10/31/2027	0.29	0.00	0.00	0.00
E1.1	Site Preparation	1/1/2024	E1.1Site Preparation	2/21/2024	0.07	0.32	0.01	0.01
E1.1	Building Construction	2/21/2024	E1.1Building Construction	8/15/2025	0.15	0.80	0.03	0.03
E1.1	Paving	8/15/2025	E1.1Paving	9/22/2025	0.01	0.03	0.00	0.00
E1.1	Arc. Coating	9/22/2025	E1.1Arc. Coating	10/31/2025	6.87	0.00	0.00	0.00
E1.2	Site Preparation	10/1/2023	E1.2Site Preparation	12/5/2023	0.12	0.53	0.02	0.02
E1.2	Building Construction	12/5/2023	E1.2Building Construction	10/24/2025	0.31	1.62	0.05	0.05

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Unmitigated Criteria Pollutant Summary

E1.2	Paving	10/24/2025	E1.2Paving	12/12/2025	0.03	0.15	0.00	0.00
E1.2	Arc. Coating	12/12/2025	E1.2Arc. Coating	1/31/2026	5.91	0.00	0.00	0.00
F1-F2	Site Preparation	6/1/2024	F1-F2Site Preparation	8/8/2024	0.17	0.72	0.02	0.02
F1-F2	Building Construction	8/8/2024	F1-F2Building Construction	7/20/2026	0.43	2.26	0.07	0.07
F1-F2	Paving	7/20/2026	F1-F2Paving	9/9/2026	0.04	0.21	0.01	0.01
F1-F2	Arc. Coating	9/9/2026	F1-F2Arc. Coating	10/31/2026	9.87	0.00	0.00	0.00
F3	Site Preparation	3/1/2025	F3Site Preparation	4/28/2025	0.04	0.15	0.00	0.00
F3	Building Construction	4/28/2025	F3Building Construction	1/2/2027	0.08	0.41	0.01	0.01
F3	Paving	1/2/2027	F3Paving	2/15/2027	0.01	0.04	0.00	0.00
F3	Arc. Coating	2/15/2027	F3Arc. Coating	3/31/2027	4.71	0.00	0.00	0.00
F4	Site Preparation	6/1/2024	F4Site Preparation	8/8/2024	0.06	0.26	0.01	0.01
F4	Building Construction	8/8/2024	F4Building Construction	7/20/2026	0.13	0.68	0.02	0.02
F4	Paving	7/20/2026	F4Paving	9/9/2026	0.01	0.04	0.00	0.00
F4	Arc. Coating	9/9/2026	F4Arc. Coating	10/31/2026	3.67	0.00	0.00	0.00
F5	Site Preparation	10/1/2022	F5Site Preparation	12/20/2022	0.05	0.21	0.01	0.01
F5	Building Construction	12/20/2022	F5Building Construction	4/1/2025	0.09	0.51	0.02	0.02
F5	Paving	4/1/2025	F5Paving	5/31/2025	0.01	0.05	0.00	0.00
F5	Arc. Coating	5/31/2025	F5Arc. Coating	7/31/2025	0.46	0.00	0.00	0.00
F6	Site Preparation	7/1/2024	F6Site Preparation	9/2/2024	0.04	0.17	0.00	0.00
F6	Building Construction	9/2/2024	F6Building Construction	6/27/2026	0.07	0.40	0.01	0.01
F6	Paving	6/27/2026	F6Paving	8/14/2026	0.01	0.04	0.00	0.00
F6	Arc. Coating	8/14/2026	F6Arc. Coating	10/1/2026	2.80	0.00	0.00	0.00
G1	Site Preparation	1/1/2025	G1Site Preparation	3/7/2025	0.04	0.19	0.01	0.01
G1	Building Construction	3/7/2025	G1Building Construction	1/22/2027	0.18	0.89	0.03	0.03
G1	Paving	1/22/2027	G1Paving	3/12/2027	0.01	0.04	0.00	0.00
G1	Arc. Coating	3/12/2027	G1Arc. Coating	5/1/2027	4.72	0.00	0.00	0.00
H1	Site Preparation	7/1/2024	H1Site Preparation	9/4/2024	0.04	0.19	0.01	0.01
H1	Building Construction	9/4/2024	H1Building Construction	7/24/2026	0.12	0.62	0.02	0.02
H1	Paving	7/24/2026	H1Paving	9/11/2026	0.01	0.04	0.00	0.00
H1	Arc. Coating	9/11/2026	H1Arc. Coating	10/31/2026	3.36	0.00	0.00	0.00
H2	Site Preparation	1/1/2029	H2Site Preparation	2/25/2029	0.03	0.15	0.00	0.00
H2	Building Construction	2/25/2029	H2Building Construction	10/8/2030	0.07	0.36	0.01	0.01
H2	Paving	10/8/2030	H2Paving	11/19/2030	0.01	0.03	0.00	0.00
H2	Arc. Coating	11/19/2030	H2Arc. Coating	12/31/2030	2.61	0.00	0.00	0.00
H3	Site Preparation	7/1/2025	H3Site Preparation	9/9/2025	0.09	0.33	0.01	0.01
H3	Building Construction	9/9/2025	H3Building Construction	9/16/2027	0.33	1.77	0.06	0.06
H3	Paving	9/16/2027	H3Paving	11/8/2027	0.02	0.09	0.00	0.00
H3	Arc. Coating	11/8/2027	H3Arc. Coating	12/31/2027	9.54	0.00	0.00	0.00
H4	Site Preparation	2/1/2027	H4Site Preparation	3/29/2027	0.05	0.21	0.01	0.01
H4	Building Construction	3/29/2027	H4Building Construction	11/8/2028	0.11	0.57	0.02	0.02
H4	Paving	11/8/2028	H4Paving	12/20/2028	0.01	0.03	0.00	0.00
H4	Arc. Coating	12/20/2028	H4Arc. Coating	1/31/2029	4.61	0.00	0.00	0.00
150 SM	Site Preparation	10/1/2024	150 SMSite Preparation	11/28/2024	0.03	0.11	0.00	0.00
150 SM	Building Construction	11/28/2024	150 SMBuilding Constructior	8/4/2026	0.04	0.25	0.01	0.01
150 SM	Paving	8/4/2026	150 SMPaving	9/17/2026	0.01	0.04	0.00	0.00
150 SM	Arc. Coating	9/17/2026	150 SMArc. Coating	10/31/2026	0.09	0.00	0.00	0.00
40 SM	Site Preparation	1/1/2024	40 SMSite Preparation	2/21/2024	0.02	0.09	0.00	0.00
40 SM	Building Construction	2/21/2024	40 SMBuilding Construction	8/15/2025	0.04	0.22	0.01	0.01
40 SM	Paving	8/15/2025	40 SMPaving	9/22/2025	0.01	0.03	0.00	0.00
40 SM	Arc. Coating	9/22/2025	40 SMArc. Coating	10/31/2025	0.06	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

LTA B1-1	Paving	7/1/2025	LTA B1-1Paving	7/6/2025	0.00	0.00	0.00	0.00
LTA B1-2	Paving	7/8/2025	LTA B1-2Paving	7/13/2025	0.00	0.00	0.00	0.00
LTA B1-3	Paving	7/15/2025	LTA B1-3Paving	8/12/2025	0.01	0.03	0.00	0.00
LTA B1-4	Paving	8/13/2025	LTA B1-4Paving	8/23/2025	0.00	0.01	0.00	0.00
LTA B1-4	Paving	8/24/2025	LTA B1-4Paving	9/3/2025	0.00	0.01	0.00	0.00
Excavation	1	7/1/2021	Excavation1	7/1/2024	1.31	6.32	0.18	0.18
Excavation	2a	7/1/2025	Excavation2a	4/1/2027	0.42	1.85	0.05	0.05
Excavation	2b	1/1/2029	Excavation2b	1/1/2030	0.28	1.31	0.04	0.04
Excavation	3	1/1/2030	Excavation3	7/1/2031	0.59	2.73	0.08	0.08

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

Name	Phase
Excavation1	1
F5	1
F1-F2	1
F6	1
F4	1
150 SM	1
G1	1
F3	1
D7	1
D3	1
E1.2	1
E1.1	1
D5-D6	1
40 SM	1
D8-D13	1
H1	1
H3	1
Excavation2a	2A
B1	2A
A1	2A
H4	2A
Excavation2b	2B
D2	2B
D1	2B
D4	2B
H2	2B
Excavation3	3
LTA B1-1	1
LTA B1-2	1
LTA B1-3	1
LTA B1-4	1
LTA B1-4	1
C2	3
C3	3
C1	3

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

Block	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MT/Phase CO2	CH4	CO2e
Excavation													1,490	0.32	1,498
F5													259	0.07	260
F5													8	0.00	8
Excavation													2,980	0.65	2,996
D5-D6													204	0.05	205
D5-D6													23	0.00	23
D8-D13													360	0.09	362
D8-D13													109	0.02	110
E1.2													671	0.18	675
E1.2													83	0.02	83
F5													278	0.05	280
Excavation													2,980	0.65	2,996
150 SM													130	0.03	131
150 SM													21	0.00	21
40 SM													114	0.03	115
40 SM													204	0.04	205
D5-D6													308	0.06	310
D8-D13													462	0.09	464
E1.1													423	0.11	426
E1.1													584	0.11	587
E1.2													1,199	0.24	1,205
F1-F2													930	0.25	936
F1-F2													661	0.14	665
F4													335	0.09	337
F4													197	0.04	198
F5													279	0.05	280
F6													204	0.05	205
F6													91	0.02	92
H1													236	0.06	238
H1													147	0.03	148
Excavation													1,490	0.32	1,498

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

150 SM	237	0.04	238
40 SM	147	0.03	148
40 SM	45	0.01	46
40 SM	1	0.00	1
D5-D6	226	0.04	227
D5-D6	57	0.01	57
D5-D6	1	0.00	1
D7	342	0.09	344
D7	161	0.03	161
D8-D13	461	0.09	463
E1.1	420	0.08	423
E1.1	51	0.01	51
E1.1	1	0.00	1
E1.2	972	0.19	977
E1.2	211	0.05	213
E1.2	2	0.00	2
F1-F2	1,662	0.34	1,671
F3	188	0.05	189
F3	207	0.04	208
F4	496	0.10	498
F5	69	0.01	69
F5	71	0.02	72
F5	1	0.00	1
F6	278	0.05	280
G1	235	0.06	237
G1	581	0.13	585
H1	457	0.10	460
H3	434	0.12	437
H3	320	0.06	321
LTA B1-1	0	0.00	0
LTA B1-2	0	0.00	0
LTA B1-3	46	0.01	46
LTA B1-4	9	0.00	9
LTA B1-4	9	0.00	9
Excavation	740	0.17	744
150 SM	140	0.02	140
150 SM	52	0.01	52
150 SM	1	0.00	1
B1	620	0.16	624
B1	58	0.01	58
D5-D6	0	0.00	0
D7	499	0.10	501
D8-D13	461	0.09	463
E1.2	3	0.00	3

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

F1-F2	913	0.19	918
F1-F2	292	0.07	293
F1-F2	5	0.00	5
F3	306	0.06	308
F4	272	0.05	274
F4	60	0.01	61
F4	1	0.00	1
F6	135	0.03	136
F6	56	0.01	57
F6	1	0.00	1
G1	709	0.16	713
H1	256	0.05	258
H1	58	0.01	58
H1	1	0.00	1
H3	1,036	0.20	1,041
Excavation	1,479	0.34	1,488
A1	743	0.20	747
A1	742	0.15	746
B1	1,035	0.21	1,041
D7	280	0.06	281
D7	58	0.01	58
D7	1	0.00	1
D8-D13	143	0.03	144
D8-D13	112	0.03	112
D8-D13	2	0.00	2
F3	1	0.00	1
F3	51	0.01	52
F3	1	0.00	1
G1	41	0.01	41
G1	58	0.01	58
G1	1	0.00	1
H3	734	0.14	738
H3	121	0.03	122
H3	4	0.00	4
H4	275	0.07	276
H4	374	0.08	376
Excavation	370	0.08	372
A1	1,349	0.28	1,356
B1	993	0.20	998
B1	37	0.01	38
H4	421	0.09	423
H4	49	0.01	50
H4	1	0.00	1
A1	714	0.15	718
A1	234	0.06	235
A1	5	0.00	5
B1	85	0.02	86
B1	2	0.00	2
C1	937	0.25	943
C1	192	0.04	193

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

C2	662	0.18	666
C2	629	0.13	632
D1	199	0.05	201
D1	255	0.05	256
D4	522	0.13	526
D4	355	0.07	357
H2	179	0.05	180
H2	232	0.05	233
H4	0	0.00	0
Excavation	1,834	0.41	1,844
C1	1,456	0.30	1,464
C2	1,138	0.24	1,144
C3	261	0.07	262
C3	279	0.05	280
D1	256	0.05	258
D1	51	0.01	51
D1	0	0.00	0
D4	613	0.13	617
H2	211	0.04	212
H2	49	0.01	49
H2	1	0.00	1
Excavation	2,555	0.57	2,570
C1	1,380	0.28	1,388
C1	63	0.01	64
C2	604	0.13	607
C2	133	0.03	133
C2	2	0.00	2
C3	279	0.05	281
C3	50	0.01	50
C3	0	0.00	0
D1	0	0.00	0
D4	145	0.03	146
D4	62	0.01	62
D4	1	0.00	1
Excavation	1,278	0.29	1,285
C1	1,376	0.28	1,383
C1	4	0.00	4
C3	0	0.00	0
			61,633

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

Emissions by C	Fugitive Dust (tons/phase)		AC	Paving	Off Road (tons/phase)				Total MT/Phase		
Block	PM10	PM2.5	ROG	ROG	ROG	Nox	PM10	PM2.5	CO2	CH4	CO2e
A1	0.00	0.00			0.13591	0.58442	0.01720	0.01719	743	0.20	747
A1					0.38680	2.01003	0.06143	0.06143	2,812	0.58	2,827
A1					0.03026	0.16952	0.00452	0.00452	234	0.06	235
A1			6.43	0	0.00000	0.00000	0.00000	0.00000	5	0.00	5
B1	0.00	0.00			0.11439	0.48920	0.01447	0.01447	620	0.16	624
B1					0.28268	1.44698	0.04417	0.04417	2,092	0.43	2,103
B1					0.01557	0.08632	0.00231	0.00231	124	0.03	125
B1			4.14	0	0.00000	0.00000	0.00000	0.00000	2	0.00	2
C1	0.00	0.00			0.17150	0.72611	0.02221	0.02220	937	0.25	943
C1					0.41713	2.18758	0.06629	0.06629	3,039	0.62	3,055
C1					0.02013	0.11277	0.00300	0.00300	188	0.04	189
C1			9.19	0.0267305	0.00000	0.00000	0.00000	0.00000	4	0.00	4
C2	0.00	0.00			0.12741	0.51997	0.01560	0.01559	662	0.18	666
C2					0.33479	1.68934	0.05160	0.05160	2,472	0.52	2,485
C2					0.01679	0.09307	0.00249	0.00249	133	0.03	133
C2			3.54	0.043144	0.00000	0.00000	0.00000	0.00000	2	0.00	2
C3	0.00	0.00			0.04481	0.20583	0.00578	0.00577	261	0.07	262
C3					0.08132	0.44440	0.01353	0.01353	560	0.10	562
C3					0.00644	0.03567	0.00095	0.00095	50	0.01	50
C3			4.33	0.0075033	0.00000	0.00000	0.00000	0.00000	1	0.00	1
D1	0.00	0.00			0.03665	0.16191	0.00460	0.00460	199	0.05	201
D1					0.07532	0.40931	0.01257	0.01257	513	0.09	515
D1					0.00644	0.03572	0.00096	0.00096	51	0.01	51
D1			2.31	0.0187583	0.00000	0.00000	0.00000	0.00000	1	0.00	1
D4	0.00	0.00			0.09117	0.39271	0.01124	0.01123	522	0.13	526
D4					0.17717	0.93586	0.03001	0.03001	1,117	0.24	1,123
D4					0.00770	0.04288	0.00114	0.00114	62	0.01	62
D4			3.90	0.0257926	0.00000	0.00000	0.00000	0.00000	1	0.00	1
D5-D6	0.00	0.00			0.03803	0.16551	0.00474	0.00473	204	0.05	205
D5-D6					0.08140	0.44237	0.01359	0.01359	560	0.10	563
D5-D6					0.00699	0.03875	0.00104	0.00104	57	0.01	57
D5-D6			0.29	0.0257926	0.00000	0.00000	0.00000	0.00000	1	0.00	1
D7	0.00	0.00			0.06420	0.26699	0.00812	0.00812	342	0.09	344
D7					0.12586	0.66008	0.02000	0.02000	942	0.19	947
D7					0.00726	0.04022	0.00108	0.00108	58	0.01	58
D7			3.04	0.0173514	0.00000	0.00000	0.00000	0.00000	1	0.00	1
D8-D13	0.00	0.00			0.08435	0.36572	0.01248	0.01248	360	0.09	362
D8-D13					0.18734	1.06271	0.02889	0.02889	1,640	0.32	1,648
D8-D13					0.01398	0.07746	0.00207	0.00207	112	0.03	112
D8-D13			0.29	0	0.00000	0.00000	0.00000	0.00000	2	0.00	2
E1.1	0.00	0.00			0.07365	0.31724	0.00908	0.00908	423	0.11	426
E1.1					0.15005	0.79561	0.02537	0.02537	1,007	0.20	1,012
E1.1					0.00622	0.03464	0.00092	0.00092	51	0.01	51
E1.1			6.84	0.032827	0.00000	0.00000	0.00000	0.00000	1	0.00	1
E1.2	0.00	0.00			0.12238	0.52623	0.01549	0.01548	671	0.18	675
E1.2					0.30824	1.61586	0.04963	0.04963	2,261	0.44	2,272

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

E1.2					0.02724	0.15264	0.00407	0.00407	211	0.05	213
E1.2			5.84	0.0703435	0.00000	0.00000	0.00000	0.00000	5	0.00	5
F1-F2	0.00	0.00			0.16770	0.72029	0.02184	0.02183	930	0.25	936
F1-F2					0.43373	2.25810	0.06824	0.06824	3,250	0.67	3,267
F1-F2					0.03761	0.21070	0.00561	0.00561	292	0.07	293
F1-F2			9.80	0.0679987	0.00000	0.00000	0.00000	0.00000	5	0.00	5
F3	0.00	0.00			0.03505	0.15255	0.00437	0.00436	188	0.05	189
F3					0.07532	0.40931	0.01257	0.01257	517	0.09	519
F3					0.00644	0.03572	0.00096	0.00096	51	0.01	52
F3			4.70	0.0117239	0.00000	0.00000	0.00000	0.00000	1	0.00	1
F4	0.00	0.00			0.05612	0.26067	0.00729	0.00728	335	0.09	337
F4					0.13026	0.68312	0.02070	0.02070	969	0.20	974
F4					0.00752	0.04169	0.00112	0.00112	60	0.01	61
F4			3.65	0.0234478	0.00000	0.00000	0.00000	0.00000	1	0.00	1
F5	0.00	0.00			0.04821	0.20981	0.00600	0.00600	259	0.07	260
F5					0.09392	0.50702	0.01573	0.01573	637	0.12	640
F5					0.00886	0.04913	0.00131	0.00131	71	0.02	72
F5			0.45	0.0018758	0.00000	0.00000	0.00000	0.00000	1	0.00	1
F6	0.00	0.00			0.03803	0.16551	0.00474	0.00473	204	0.05	205
F6					0.07480	0.40382	0.01253	0.01253	507	0.10	510
F6					0.00699	0.03875	0.00104	0.00104	56	0.01	57
F6			2.78	0.0164135	0.00000	0.00000	0.00000	0.00000	1	0.00	1
G1	0.00	0.00			0.04230	0.18848	0.00535	0.00535	235	0.06	237
G1					0.17947	0.89211	0.02714	0.02714	1,337	0.29	1,344
G1					0.00724	0.04012	0.00107	0.00107	58	0.01	58
G1			4.72	0.0056275	0.00000	0.00000	0.00000	0.00000	1	0.00	1
H1	0.00	0.00			0.04240	0.18894	0.00537	0.00536	236	0.06	238
H1					0.11902	0.62013	0.01891	0.01891	864	0.18	868
H1					0.00726	0.04022	0.00108	0.00108	58	0.01	58
H1			3.35	0.0093791	0.00000	0.00000	0.00000	0.00000	1	0.00	1
H2	0.00	0.00			0.03356	0.14608	0.00418	0.00418	179	0.05	180
H2					0.06641	0.35854	0.01112	0.01112	444	0.09	446
H2					0.00617	0.03420	0.00091	0.00091	49	0.01	49
H2			2.60	0.0140687	0.00000	0.00000	0.00000	0.00000	1	0.00	1
H3	0.00	0.00			0.08903	0.33431	0.01086	0.01086	434	0.12	437
H3					0.32659	1.76788	0.05612	0.05612	2,096	0.41	2,107
H3					0.01559	0.08641	0.00231	0.00231	121	0.03	122
H3			9.48	0.0656539	0.00000	0.00000	0.00000	0.00000	4	0.00	4
H4	0.00	0.00			0.04611	0.21416	0.00599	0.00598	275	0.07	276
H4					0.10800	0.56638	0.01716	0.01716	796	0.16	800
H4					0.00618	0.03425	0.00092	0.00092	49	0.01	50
H4			4.58	0.0314201	0.00000	0.00000	0.00000	0.00000	1	0.00	1
150 SM	0.00	0.00			0.02589	0.10837	0.00344	0.00344	130	0.03	131
150 SM					0.04400	0.24954	0.00678	0.00678	399	0.07	401
150 SM					0.00644	0.03572	0.00096	0.00096	52	0.01	52
150 SM			0.09	0	0.00000	0.00000	0.00000	0.00000	1	0.00	1
40 SM	0.00	0.00			0.02266	0.09486	0.00301	0.00301	114	0.03	115
40 SM					0.03878	0.21995	0.00598	0.00598	352	0.06	354
40 SM					0.00564	0.03127	0.00084	0.00084	45	0.01	46
40 SM			0.06	0	0.00000	0.00000	0.00000	0.00000	1	0.00	1

Downtown West San Jose Mixed Use Project

Unmitigated Criteria Pollutant Summary

LTA B1-1	0.00	0.00	0	0.00070	0.00154	0.00008	0.00008	0	0.00	0
LTA B1-2	0.00	0.00	0	0.00070	0.00154	0.00008	0.00008	0	0.00	0
LTA B1-3	0.00	0.00	0	0.00593	0.03237	0.00087	0.00087	46	0.01	46
LTA B1-4	0.00	0.00	0	0.00119	0.00697	0.00019	0.00019	9	0.00	9
LTA B1-4	0.00	0.00	0	0.00154	0.00902	0.00023	0.00023	12	0.00	12
Excavation	0.92	0.10		1.31072	6.32233	0.17617	0.17616	8,939	1.95	8,988
Excavation	0.53	0.06		0.41516	1.84779	0.05275	0.05275	2,589	0.59	2,604
Excavation	0.30	0.03		0.28471	1.30568	0.03694	0.03693	1,834	0.41	1,844
Excavation	0.63	0.07		0.59434	2.72964	0.07718	0.07717	3,833	0.86	3,855

Emissions by C		Off-Road Equipment		Electricity
Block	CO2	CH4	CO2e	CO2
A1	732	0.20	737	11
A1	2,663	0.58	2,677	149
A1	229	0.06	231	4
A1	0	0.00	0	5
B1	609	0.16	614	11
B1	1,983	0.43	1,994	109
B1	118	0.03	119	6
B1	0	0.00	0	2
C1	922	0.25	929	14
C1	2,901	0.62	2,917	138
C1	153	0.04	154	36
C1	0	0.00	0	4
C2	648	0.18	653	13
C2	2,373	0.52	2,387	99
C2	127	0.03	128	5
C2	0	0.00	0	2
C3	260	0.07	261	1
C3	546	0.10	549	13
C3	49	0.01	49	1
C3	0	0.00	0	1
D1	197	0.05	199	2
D1	497	0.09	499	16
D1	49	0.01	49	2
D1	0	0.00	0	1
D4	516	0.13	520	6
D4	1,070	0.24	1,076	47
D4	58	0.01	59	3
D4	0	0.00	0	1
D5-D6	201	0.05	202	3
D5-D6	537	0.10	539	24
D5-D6	53	0.01	53	4
D5-D6	0	0.00	0	1
D7	337	0.09	339	5
D7	875	0.19	880	67
D7	55	0.01	55	3
D7	0	0.00	0	1
D8-D13	354	0.09	356	6
D8-D13	1,435	0.32	1,443	206
D8-D13	106	0.03	107	6
D8-D13	0	0.00	0	2
E1.1	417	0.11	420	6
E1.1	918	0.20	923	89
E1.1	47	0.01	47	4
E1.1	0	0.00	0	1
E1.2	659	0.18	664	12
E1.2	2,089	0.44	2,100	172

E1.2	207	0.05	208	5
E1.2	0	0.00	0	5
F1-F2	918	0.25	925	11
F1-F2	3,048	0.67	3,065	202
F1-F2	285	0.07	287	7
F1-F2	0	0.00	0	5
F3	185	0.05	186	2
F3	497	0.09	499	20
F3	49	0.01	49	3
F3	0	0.00	0	1
F4	332	0.09	334	3
F4	906	0.20	911	63
F4	57	0.01	57	3
F4	0	0.00	0	1
F5	255	0.07	256	4
F5	606	0.12	609	31
F5	67	0.02	68	4
F5	0	0.00	0	1
F6	201	0.05	202	3
F6	483	0.10	485	25
F6	53	0.01	53	3
F6	0	0.00	0	1
G1	230	0.06	232	5
G1	1,294	0.29	1,302	42
G1	55	0.01	55	3
G1	0	0.00	0	1
H1	231	0.06	232	5
H1	819	0.18	824	45
H1	55	0.01	55	3
H1	0	0.00	0	1
H2	177	0.05	179	2
H2	428	0.09	431	15
H2	47	0.01	47	2
H2	0	0.00	0	1
H3	420	0.12	423	14
H3	1,974	0.41	1,984	122
H3	118	0.03	119	3
H3	0	0.00	0	4
H4	273	0.07	274	2
H4	751	0.16	755	45
H4	47	0.01	47	2
H4	0	0.00	0	1
150 SM	125	0.03	126	5
150 SM	342	0.07	343	58
150 SM	49	0.01	49	3
150 SM	0	0.00	0	1
40 SM	110	0.03	111	4
40 SM	301	0.06	303	51
40 SM	43	0.01	43	3
40 SM	0	0.00	0	1

LTA B1-1	0	0.00	0	0
LTA B1-2	0	0.00	0	0
LTA B1-3	46	0.01	46	0
LTA B1-4	9	0.00	9	0
LTA B1-4	12	0.00	12	0
Excavation	8,887	1.95	8,936	52
Excavation	2,579	0.59	2,594	10
Excavation	1,827	0.41	1,838	6
Excavation	3,821	0.86	3,842	12

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

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					Tons/Phase			
Block	**Phase**	**Start Date**	**End Date**	**Days**	**ROG**	**Nox**	**PM10**	**PM2.5**
A1	Site Preparation	4/1/27	6/13/27	63	0.14	0.58	0.02	0.02
A1	Building Construction	6/13/2027	7/13/2029	652	0.39	2.01	0.06	0.06
A1	Paving	7/13/2029	9/6/2029	47	0.03	0.17	0.00	0.00
A1	Arc. Coating	9/6/2029	10/31/2029	47	0.00	0.00	0.00	0.00
B1	Site Preparation	10/1/2026	12/10/2026	60	0.11	0.49	0.01	0.01
B1	Building Construction	12/10/2026	12/15/2028	631	0.28	1.45	0.04	0.04
B1	Paving	12/15/2028	2/6/2029	45	0.02	0.09	0.00	0.00
B1	Arc. Coating	2/6/2029	3/31/2029	45	0.00	0.00	0.00	0.00
C1	Site Preparation	9/1/2029	11/12/2029	63	0.17	0.73	0.02	0.02
C1	Building Construction	11/12/2029	12/12/2031	651	0.42	2.19	0.07	0.07
C1	Paving	11/12/2029	12/12/2031	651	0.02	0.11	0.00	0.00
C1	Arc. Coating	2/5/2032	3/31/2032	47	0.00	0.00	0.00	0.00
C2	Site Preparation	4/1/2029	6/13/2029	63	0.13	0.52	0.02	0.02
C2	Building Construction	6/13/2029	7/13/2031	677	0.33	1.69	0.05	0.05
C2	Paving	7/13/2031	9/6/2031	49	0.02	0.09	0.00	0.00
C2	Arc. Coating	9/6/2031	10/31/2031	49	0.00	0.00	0.00	0.00
C3	Site Preparation	1/1/2030	2/28/2030	50	0.04	0.21	0.01	0.01
C3	Building Construction	2/28/2030	11/3/2031	526	0.08	0.44	0.01	0.01
C3	Paving	11/3/2031	12/17/2031	37	0.01	0.04	0.00	0.00
C3	Arc. Coating	12/17/2031	1/30/2032	37	0.00	0.00	0.00	0.00
D1	Site Preparation	1/1/2029	2/28/2029	50	0.04	0.16	0.00	0.00
D1	Building Construction	2/28/2029	11/4/2030	526	0.08	0.41	0.01	0.01
D1	Paving	11/4/2030	12/18/2030	38	0.01	0.04	0.00	0.00
D1	Arc. Coating	12/18/2030	1/31/2031	38	0.00	0.00	0.00	0.00
D4	Site Preparation	4/1/2029	6/3/2029	54	0.09	0.39	0.01	0.01
D4	Building Construction	6/3/2029	3/28/2031	568	0.18	0.94	0.03	0.03
D4	Paving	3/28/2031	5/14/2031	41	0.01	0.04	0.00	0.00
D4	Arc. Coating	5/14/2031	7/1/2031	41	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	10/1/2023	12/3/2023	54	0.04	0.17	0.00	0.00
D5-D6	Building Construction	12/3/2023	9/26/2025	569	0.08	0.44	0.01	0.01
D5-D6	Paving	9/26/2025	11/13/2025	41	0.01	0.04	0.00	0.00
D5-D6	Arc. Coating	11/13/2025	12/31/2025	41	0.00	0.00	0.00	0.00
D7	Site Preparation	7/1/2025	9/4/2025	56	0.06	0.27	0.01	0.01
D7	Building Construction	9/4/2025	7/24/2027	589	0.13	0.66	0.02	0.02
D7	Paving	7/24/2027	9/11/2027	42	0.01	0.04	0.00	0.00
D7	Arc. Coating	9/11/2027	10/31/2027	42	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	6/1/2023	10/5/2023	109	0.08	0.37	0.01	0.01
D8-D13	Building Construction	10/5/2023	4/24/2027	1111	0.19	1.06	0.03	0.03
D8-D13	Paving	4/24/2027	7/28/2027	81	0.01	0.08	0.00	0.00
D8-D13	Arc. Coating	7/28/2027	10/31/2027	81	0.00	0.00	0.00	0.00
E1.1	Site Preparation	1/1/2024	2/21/2024	44	0.07	0.32	0.01	0.01

Downtown West San Jose Mixed Use Project

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Criteria Pollutant - OffRoad Emissions

E1.1	Building Construction	2/21/2024	8/15/2025	464	0.15	0.80	0.03	0.03
E1.1	Paving	8/15/2025	9/22/2025	33	0.01	0.03	0.00	0.00
E1.1	Arc. Coating	9/22/2025	10/31/2025	33	0.00	0.00	0.00	0.00
E1.2	Site Preparation	10/1/2023	12/5/2023	56	0.12	0.53	0.02	0.02
E1.2	Building Construction	12/5/2023	10/24/2025	590	0.31	1.62	0.05	0.05
E1.2	Paving	10/24/2025	12/12/2025	42	0.03	0.15	0.00	0.00
E1.2	Arc. Coating	12/12/2025	1/31/2026	42	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	6/1/2024	8/8/2024	58	0.17	0.72	0.02	0.02
F1-F2	Building Construction	8/8/2024	7/20/2026	610	0.43	2.26	0.07	0.07
F1-F2	Paving	7/20/2026	9/9/2026	44	0.04	0.21	0.01	0.01
F1-F2	Arc. Coating	9/9/2026	10/31/2026	44	0.00	0.00	0.00	0.00
F3	Site Preparation	3/1/2025	4/28/2025	50	0.04	0.15	0.00	0.00
F3	Building Construction	4/28/2025	1/2/2027	526	0.08	0.41	0.01	0.01
F3	Paving	1/2/2027	2/15/2027	38	0.01	0.04	0.00	0.00
F3	Arc. Coating	2/15/2027	3/31/2027	38	0.00	0.00	0.00	0.00
F4	Site Preparation	6/1/2024	8/8/2024	58	0.06	0.26	0.01	0.01
F4	Building Construction	8/8/2024	7/20/2026	610	0.13	0.68	0.02	0.02
F4	Paving	7/20/2026	9/9/2026	44	0.01	0.04	0.00	0.00
F4	Arc. Coating	9/9/2026	10/31/2026	44	0.00	0.00	0.00	0.00
F5	Site Preparation	10/1/2022	12/20/2022	69	0.05	0.21	0.01	0.01
F5	Building Construction	12/20/2022	4/1/2025	714	0.09	0.51	0.02	0.02
F5	Paving	4/1/2025	5/31/2025	52	0.01	0.05	0.00	0.00
F5	Arc. Coating	5/31/2025	7/31/2025	52	0.00	0.00	0.00	0.00
F6	Site Preparation	7/1/2024	9/2/2024	54	0.04	0.17	0.00	0.00
F6	Building Construction	9/2/2024	6/27/2026	569	0.07	0.40	0.01	0.01
F6	Paving	6/27/2026	8/14/2026	41	0.01	0.04	0.00	0.00
F6	Arc. Coating	8/14/2026	10/1/2026	41	0.00	0.00	0.00	0.00
G1	Site Preparation	1/1/2025	3/7/2025	56	0.04	0.19	0.01	0.01
G1	Building Construction	3/7/2025	1/22/2027	588	0.18	0.89	0.03	0.03
G1	Paving	1/22/2027	3/12/2027	42	0.01	0.04	0.00	0.00
G1	Arc. Coating	3/12/2027	5/1/2027	42	0.00	0.00	0.00	0.00
H1	Site Preparation	7/1/2024	9/4/2024	56	0.04	0.19	0.01	0.01
H1	Building Construction	9/4/2024	7/24/2026	589	0.12	0.62	0.02	0.02
H1	Paving	7/24/2026	9/11/2026	42	0.01	0.04	0.00	0.00
H1	Arc. Coating	9/11/2026	10/31/2026	42	0.00	0.00	0.00	0.00
H2	Site Preparation	1/1/2029	2/25/2029	48	0.03	0.15	0.00	0.00
H2	Building Construction	2/25/2029	10/8/2030	505	0.07	0.36	0.01	0.01
H2	Paving	10/8/2030	11/19/2030	36	0.01	0.03	0.00	0.00
H2	Arc. Coating	11/19/2030	12/31/2030	36	0.00	0.00	0.00	0.00
H3	Site Preparation	7/1/2025	9/9/2025	61	0.09	0.33	0.01	0.01
H3	Building Construction	9/9/2025	9/16/2027	631	0.33	1.77	0.06	0.06
H3	Paving	9/16/2027	11/8/2027	45	0.02	0.09	0.00	0.00
H3	Arc. Coating	11/8/2027	12/31/2027	45	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

H4	Site Preparation	2/1/2027	3/29/2027	48	0.05	0.21	0.01	0.01
H4	Building Construction	3/29/2027	11/8/2028	506	0.11	0.57	0.02	0.02
H4	Paving	11/8/2028	12/20/2028	36	0.01	0.03	0.00	0.00
H4	Arc. Coating	12/20/2028	1/31/2029	36	0.00	0.00	0.00	0.00
150 SM	Site Preparation	10/1/2024	11/28/2024	50	0.03	0.11	0.00	0.00
150 SM	Building Construction	11/28/2024	8/4/2026	526	0.04	0.25	0.01	0.01
150 SM	Paving	8/4/2026	9/17/2026	38	0.01	0.04	0.00	0.00
150 SM	Arc. Coating	9/17/2026	10/31/2026	38	0.00	0.00	0.00	0.00
40 SM	Site Preparation	1/1/2024	2/21/2024	44	0.02	0.09	0.00	0.00
40 SM	Building Construction	2/21/2024	8/15/2025	464	0.04	0.22	0.01	0.01
40 SM	Paving	8/15/2025	9/22/2025	33	0.01	0.03	0.00	0.00
40 SM	Arc. Coating	9/22/2025	10/31/2025	33	0.00	0.00	0.00	0.00
LTA B1-1	Paving	7/1/2025	7/6/2025	4	0.00	0.00	0.00	0.00
LTA B1-2	Paving	7/8/2025	7/13/2025	4	0.00	0.00	0.00	0.00
LTA B1-3	Paving	7/15/2025	8/12/2025	24	0.01	0.03	0.00	0.00
LTA B1-4	Paving	8/13/2025	8/23/2025	9	0.00	0.01	0.00	0.00
LTA B1-4	Paving	8/24/2025	9/3/2025	9	0.00	0.01	0.00	0.00
Excavation	1	7/1/2021	7/1/2024	940	1.31	6.32	0.18	0.18
Excavation	2a	7/1/2025	4/1/2027	549	0.42	1.85	0.05	0.05
Excavation	2b	1/1/2029	1/1/2030	314	0.28	1.31	0.04	0.04
Excavation	3	1/1/2030	7/1/2031	649	0.59	2.73	0.08	0.08

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Criteria Pollutant - OffRoad Emissions

Block	Phase	Equipment	Start Date	End Date	Total Hrs	HP	Load Factor	HP Range	HP-hrs	Total HP-hr
A1	Site Preparation	Concrete/Industrial Saws	4/1/27	6/13/27	0	81	1.00	75-119	0	
A1	Site Preparation	Rubber Tired Dozers	4/1/27	6/13/27	0	247	1.00	175-299	0	
A1	Site Preparation	Sweepers/Scrubbers	4/1/27	6/13/27	0	64	1.00	50-74	0	
A1	Site Preparation	Excavator	4/1/27	6/13/27	1,504	158	1.00	120-174	237,661	
A1	Site Preparation	Water Trucks	4/1/27	6/13/27	752	402	1.00	300-599	302,341	
A1	Site Preparation	Tractors/Loaders/Backhoes	4/1/27	6/13/27	1,504	97	1.00	75-119	145,906	
A1	Site Preparation	Surfacing Equipment	4/1/27	6/13/27	0	263	1.00	175-299	0	
A1	Site Preparation	Off-Highway Trucks	4/1/27	6/13/27	1,128	402	1.00	300-599	453,511	
A1	Site Preparation	Pressure Washer	4/1/27	6/13/27	376	13	1.00	<25	4,889	
A1	Site Preparation	Pavers	4/1/27	6/13/27	0	130	1.00	120-174	0	
A1	Site Preparation	Rollers	4/1/27	6/13/27	251	80	1.00	75-119	20,056	
A1	Site Preparation	Skid-Steer Loaders	4/1/27	6/13/27	251	65	1.00	50-74	16,295	
A1	Site Preparation	Pumps	4/1/27	6/13/27	376	84	1.00	75-119	31,588	
A1	Site Preparation	Plate Compactors	4/1/27	6/13/27	376	8	1.00	<25	3,008	
A1	Site Preparation	Pile Drivers	4/1/27	6/13/27	752	470	0.50	300-599	353,483	
A1	Building Construction	Cranes	6/13/27	7/13/29	11,744	231	1.00	175-299	2,712,917	
A1	Building Construction	Forklifts	6/13/27	7/13/29	13,049	89	1.00	75-119	1,161,374	
A1	Building Construction	Generator Sets	6/13/27	7/13/29	7,829	84	1.00	75-119	657,677	
A1	Building Construction	Tractors/Loaders/Backhoes	6/13/27	7/13/29	0	97	1.00	75-119	0	
A1	Building Construction	Off-Highway Trucks	6/13/27	7/13/29	0	402	1.00	300-599	0	
A1	Building Construction	Aerial Lifts	6/13/27	7/13/29	0	63	1.00	50-74	0	
A1	Building Construction	Excavators	6/13/27	7/13/29	0	158	1.00	120-174	0	
A1	Building Construction	Cement and Mortar Mixers	6/13/27	7/13/29	7,829	9	1.00	<25	70,465	
A1	Building Construction	Concrete Pumps	6/13/27	7/13/29	5,220	84	1.00	75-119	438,451	
A1	Building Construction	Welders	6/13/27	7/13/29	0	46	1.00	25-49	0	
A1	Paving	Pavers	7/13/29	9/6/29	705	130	1.00	120-174	91,661	
A1	Paving	Rollers	7/13/29	9/6/29	705	80	1.00	75-119	56,407	
A1	Paving	Off-Highway Trucks	7/13/29	9/6/29	564	402	1.00	300-599	226,756	
A1	Paving	Tractors/Loaders/Backhoes	7/13/29	9/6/29	705	97	1.00	75-119	68,393	
A1	Paving	Concrete Saw	7/13/29	9/6/29	0	81	1.00	75-119	0	
A1	Arc. Coating	Air Compressors	9/6/29	10/31/29	0	78	1.00	75-119	0	7,052,838
B1	Site Preparation	Concrete/Industrial Saws	10/1/26	12/10/26	0	81	1.00	75-119	0	
B1	Site Preparation	Rubber Tired Dozers	10/1/26	12/10/26	0	247	1.00	175-299	0	
B1	Site Preparation	Sweepers/Scrubbers	10/1/26	12/10/26	0	64	1.00	50-74	0	
B1	Site Preparation	Excavator	10/1/26	12/10/26	726	158	1.00	120-174	114,670	
B1	Site Preparation	Water Trucks	10/1/26	12/10/26	726	402	1.00	300-599	291,756	
B1	Site Preparation	Tractors/Loaders/Backhoes	10/1/26	12/10/26	726	97	1.00	75-119	70,399	
B1	Site Preparation	Surfacing Equipment	10/1/26	12/10/26	0	263	1.00	175-299	0	
B1	Site Preparation	Off-Highway Trucks	10/1/26	12/10/26	1,089	402	1.00	300-599	437,633	
B1	Site Preparation	Pressure Washer	10/1/26	12/10/26	363	13	1.00	<25	4,717	
B1	Site Preparation	Pavers	10/1/26	12/10/26	0	130	1.00	120-174	0	

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B1	Site Preparation	Rollers	10/1/26	12/10/26	242	80	1.00	75-119	19,354	
B1	Site Preparation	Skid-Steer Loaders	10/1/26	12/10/26	242	65	1.00	50-74	15,725	
B1	Site Preparation	Pumps	10/1/26	12/10/26	363	84	1.00	75-119	30,482	
B1	Site Preparation	Plate Compactors	10/1/26	12/10/26	242	8	1.00	<25	1,935	
B1	Site Preparation	Pile Drivers	10/1/26	12/10/26	726	470	0.50	300-599	341,107	
B1	Building Construction	Cranes	12/10/26	12/15/28	9,458	231	1.00	175-299	2,184,732	
B1	Building Construction	Forklifts	12/10/26	12/15/28	7,566	89	1.00	75-119	673,389	
B1	Building Construction	Generator Sets	12/10/26	12/15/28	5,044	84	1.00	75-119	423,706	
B1	Building Construction	Tractors/Loaders/Backhoes	12/10/26	12/15/28	0	97	1.00	75-119	0	
B1	Building Construction	Off-Highway Trucks	12/10/26	12/15/28	0	402	1.00	300-599	0	
B1	Building Construction	Aerial Lifts	12/10/26	12/15/28	0	63	1.00	50-74	0	
B1	Building Construction	Excavators	12/10/26	12/15/28	0	158	1.00	120-174	0	
B1	Building Construction	Cement and Mortar Mixers	12/10/26	12/15/28	5,044	9	1.00	<25	45,397	
B1	Building Construction	Concrete Pumps	12/10/26	12/15/28	5,044	84	1.00	75-119	423,706	
B1	Building Construction	Welders	12/10/26	12/15/28	0	46	1.00	25-49	0	
B1	Paving	Pavers	12/15/28	2/6/29	181	130	1.00	120-174	23,587	
B1	Paving	Rollers	12/15/28	2/6/29	181	80	1.00	75-119	14,515	
B1	Paving	Off-Highway Trucks	12/15/28	2/6/29	363	402	1.00	300-599	145,878	
B1	Paving	Tractors/Loaders/Backhoes	12/15/28	2/6/29	454	97	1.00	75-119	43,999	
B1	Paving	Concrete Saw	12/15/28	2/6/29	0	81	1.00	75-119	0	
B1	Arc. Coating	Air Compressors	2/6/29	3/31/29	0	78	1.00	75-119	0	
C1	Site Preparation	Concrete/Industrial Saws	9/1/29	11/12/29	0	81	1.00	75-119	0	5,306,687
C1	Site Preparation	Rubber Tired Dozers	9/1/29	11/12/29	0	247	1.00	175-299	0	
C1	Site Preparation	Sweepers/Scrubbers	9/1/29	11/12/29	0	64	1.00	50-74	0	
C1	Site Preparation	Excavator	9/1/29	11/12/29	1,501	158	1.00	120-174	237,141	
C1	Site Preparation	Water Trucks	9/1/29	11/12/29	1,126	402	1.00	300-599	452,519	
C1	Site Preparation	Tractors/Loaders/Backhoes	9/1/29	11/12/29	1,876	97	1.00	75-119	181,983	
C1	Site Preparation	Surfacing Equipment	9/1/29	11/12/29	0	263	1.00	175-299	0	
C1	Site Preparation	Off-Highway Trucks	9/1/29	11/12/29	1,501	402	1.00	300-599	603,358	
C1	Site Preparation	Pressure Washer	9/1/29	11/12/29	500	13	1.00	<25	6,504	
C1	Site Preparation	Pavers	9/1/29	11/12/29	0	130	1.00	120-174	0	
C1	Site Preparation	Rollers	9/1/29	11/12/29	250	80	1.00	75-119	20,012	
C1	Site Preparation	Skid-Steer Loaders	9/1/29	11/12/29	250	65	1.00	50-74	16,260	
C1	Site Preparation	Pumps	9/1/29	11/12/29	625	84	1.00	75-119	52,531	
C1	Site Preparation	Plate Compactors	9/1/29	11/12/29	375	8	1.00	<25	3,002	
C1	Site Preparation	Pile Drivers	9/1/29	11/12/29	750	470	0.50	300-599	352,709	
C1	Building Construction	Cranes	11/12/29	12/12/31	11,720	231	1.00	175-299	2,707,214	
C1	Building Construction	Forklifts	11/12/29	12/12/31	15,626	89	1.00	75-119	1,390,719	
C1	Building Construction	Generator Sets	11/12/29	12/12/31	10,417	84	1.00	75-119	875,059	
C1	Building Construction	Tractors/Loaders/Backhoes	11/12/29	12/12/31	0	97	1.00	75-119	0	
C1	Building Construction	Off-Highway Trucks	11/12/29	12/12/31	0	402	1.00	300-599	0	
C1	Building Construction	Aerial Lifts	11/12/29	12/12/31	0	63	1.00	50-74	0	
C1	Building Construction	Excavators	11/12/29	12/12/31	0	158	1.00	120-174	0	

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C1	Building Construction	Cement and Mortar Mixers	11/12/29	12/12/31	7,813	9	1.00	<25	70,317	
C1	Building Construction	Concrete Pumps	11/12/29	12/12/31	5,209	84	1.00	75-119	437,530	
C1	Building Construction	Welders	11/12/29	12/12/31	0	46	1.00	25-49	0	
C1	Paving	Concrete Saw	11/12/29	12/12/31	0	81	1.00	75-119	0	
C1	Paving	Off-Highway Trucks	12/12/31	2/5/32	375	402	1.00	300-599	150,840	
C1	Paving	Pavers	12/12/31	2/5/32	469	130	1.00	120-174	60,974	
C1	Paving	Rollers	12/12/31	2/5/32	469	80	1.00	75-119	37,522	
C1	Paving	Tractors/Loaders/Backhoes	12/12/31	2/5/32	469	97	1.00	75-119	45,496	
C1	Arc. Coating	Air Compressors	2/5/32	3/31/32	0	78	1.00	75-119	0	7,701,690
C2	Site Preparation	Concrete/Industrial Saws	4/1/29	6/13/29	0	81	1.00	75-119	0	
C2	Site Preparation	Rubber Tired Dozers	4/1/29	6/13/29	0	247	1.00	175-299	0	
C2	Site Preparation	Sweepers/Scrubbers	4/1/29	6/13/29	0	64	1.00	50-74	0	
C2	Site Preparation	Excavator	4/1/29	6/13/29	939	158	1.00	120-174	148,376	
C2	Site Preparation	Water Trucks	4/1/29	6/13/29	751	402	1.00	300-599	302,010	
C2	Site Preparation	Tractors/Loaders/Backhoes	4/1/29	6/13/29	751	97	1.00	75-119	72,873	
C2	Site Preparation	Surfacing Equipment	4/1/29	6/13/29	0	263	1.00	175-299	0	
C2	Site Preparation	Off-Highway Trucks	4/1/29	6/13/29	1,127	402	1.00	300-599	453,015	
C2	Site Preparation	Pressure Washer	4/1/29	6/13/29	501	13	1.00	<25	6,511	
C2	Site Preparation	Pavers	4/1/29	6/13/29	0	130	1.00	120-174	0	
C2	Site Preparation	Rollers	4/1/29	6/13/29	250	80	1.00	75-119	20,034	
C2	Site Preparation	Skid-Steer Loaders	4/1/29	6/13/29	250	65	1.00	50-74	16,277	
C2	Site Preparation	Pumps	4/1/29	6/13/29	376	84	1.00	75-119	31,553	
C2	Site Preparation	Plate Compactors	4/1/29	6/13/29	250	8	1.00	<25	2,003	
C2	Site Preparation	Pile Drivers	4/1/29	6/13/29	751	470	0.50	300-599	353,096	
C2	Building Construction	Cranes	6/13/29	7/13/31	12,195	231	1.00	175-299	2,816,986	
C2	Building Construction	Forklifts	6/13/29	7/13/31	8,130	89	1.00	75-119	723,555	
C2	Building Construction	Generator Sets	6/13/29	7/13/31	5,420	84	1.00	75-119	455,270	
C2	Building Construction	Tractors/Loaders/Backhoes	6/13/29	7/13/31	0	97	1.00	75-119	0	
C2	Building Construction	Off-Highway Trucks	6/13/29	7/13/31	0	402	1.00	300-599	0	
C2	Building Construction	Aerial Lifts	6/13/29	7/13/31	0	63	1.00	50-74	0	
C2	Building Construction	Excavators	6/13/29	7/13/31	0	158	1.00	120-174	0	
C2	Building Construction	Cement and Mortar Mixers	6/13/29	7/13/31	5,420	9	1.00	<25	48,779	
C2	Building Construction	Concrete Pumps	6/13/29	7/13/31	5,420	84	1.00	75-119	455,270	
C2	Building Construction	Welders	6/13/29	7/13/31	0	46	1.00	25-49	0	
C2	Paving	Pavers	7/13/31	9/6/31	196	130	1.00	120-174	25,432	
C2	Paving	Rollers	7/13/31	9/6/31	196	80	1.00	75-119	15,651	
C2	Paving	Off-Highway Trucks	7/13/31	9/6/31	391	402	1.00	300-599	157,290	
C2	Paving	Tractors/Loaders/Backhoes	7/13/31	9/6/31	489	97	1.00	75-119	47,441	
C2	Paving	Concrete Saw	7/13/31	9/6/31	0	81	1.00	75-119	0	
C2	Arc. Coating	Air Compressors	9/6/31	10/31/31	0	78	1.00	75-119	0	6,151,423
C3	Site Preparation	Concrete/Industrial Saws	1/1/30	2/28/30	0	81	1.00	75-119	0	
C3	Site Preparation	Rubber Tired Dozers	1/1/30	2/28/30	0	247	1.00	175-299	0	
C3	Site Preparation	Sweepers/Scrubbers	1/1/30	2/28/30	0	64	1.00	50-74	0	

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C3	Site Preparation	Excavator	1/1/30	2/28/30	300	158	1.00	120-174	47,389	
C3	Site Preparation	Water Trucks	1/1/30	2/28/30	300	402	1.00	300-599	120,572	
C3	Site Preparation	Tractors/Loaders/Backhoes	1/1/30	2/28/30	150	97	1.00	75-119	14,547	
C3	Site Preparation	Surfacing Equipment	1/1/30	2/28/30	0	263	1.00	175-299	0	
C3	Site Preparation	Off-Highway Trucks	1/1/30	2/28/30	600	402	1.00	300-599	241,145	
C3	Site Preparation	Pressure Washer	1/1/30	2/28/30	100	13	1.00	<25	1,300	
C3	Site Preparation	Pavers	1/1/30	2/28/30	0	130	1.00	120-174	0	
C3	Site Preparation	Rollers	1/1/30	2/28/30	100	80	1.00	75-119	7,998	
C3	Site Preparation	Skid-Steer Loaders	1/1/30	2/28/30	100	65	1.00	50-74	6,499	
C3	Site Preparation	Pumps	1/1/30	2/28/30	100	84	1.00	75-119	8,398	
C3	Site Preparation	Plate Compactors	1/1/30	2/28/30	100	8	1.00	<25	800	
C3	Site Preparation	Pile Drivers	1/1/30	2/28/30	200	470	0.50	300-599	93,979	
C3	Building Construction	Cranes	2/28/30	11/3/31	1,577	231	1.00	175-299	364,241	
C3	Building Construction	Forklifts	2/28/30	11/3/31	2,102	89	1.00	75-119	187,114	
C3	Building Construction	Generator Sets	2/28/30	11/3/31	2,102	84	1.00	75-119	176,602	
C3	Building Construction	Tractors/Loaders/Backhoes	2/28/30	11/3/31	0	97	1.00	75-119	0	
C3	Building Construction	Off-Highway Trucks	2/28/30	11/3/31	0	402	1.00	300-599	0	
C3	Building Construction	Aerial Lifts	2/28/30	11/3/31	0	63	1.00	50-74	0	
C3	Building Construction	Excavators	2/28/30	11/3/31	0	158	1.00	120-174	0	
C3	Building Construction	Cement and Mortar Mixers	2/28/30	11/3/31	2,102	9	1.00	<25	18,922	
C3	Building Construction	Concrete Pumps	2/28/30	11/3/31	3,154	84	1.00	75-119	264,902	
C3	Building Construction	Welders	2/28/30	11/3/31	0	46	1.00	25-49	0	
C3	Paving	Pavers	11/3/31	12/17/31	75	130	1.00	120-174	9,748	
C3	Paving	Rollers	11/3/31	12/17/31	75	80	1.00	75-119	5,999	
C3	Paving	Off-Highway Trucks	11/3/31	12/17/31	150	402	1.00	300-599	60,286	
C3	Paving	Tractors/Loaders/Backhoes	11/3/31	12/17/31	187	97	1.00	75-119	18,183	
C3	Paving	Concrete Saw	11/3/31	12/17/31	0	81	1.00	75-119	0	
C3	Arc. Coating	Air Compressors	12/17/31	1/30/32	0	78	1.00	75-119	0	1,648,622
D1	Site Preparation	Concrete/Industrial Saws	1/1/29	2/28/29	0	81	1.00	75-119	0	
D1	Site Preparation	Rubber Tired Dozers	1/1/29	2/28/29	0	247	1.00	175-299	0	
D1	Site Preparation	Sweepers/Scrubbers	1/1/29	2/28/29	0	64	1.00	50-74	0	
D1	Site Preparation	Excavator	1/1/29	2/28/29	300	158	1.00	120-174	47,454	
D1	Site Preparation	Water Trucks	1/1/29	2/28/29	300	402	1.00	300-599	120,738	
D1	Site Preparation	Tractors/Loaders/Backhoes	1/1/29	2/28/29	150	97	1.00	75-119	14,567	
D1	Site Preparation	Surfacing Equipment	1/1/29	2/28/29	0	263	1.00	175-299	0	
D1	Site Preparation	Off-Highway Trucks	1/1/29	2/28/29	300	402	1.00	300-599	120,738	
D1	Site Preparation	Pressure Washer	1/1/29	2/28/29	100	13	1.00	<25	1,301	
D1	Site Preparation	Pavers	1/1/29	2/28/29	0	130	1.00	120-174	0	
D1	Site Preparation	Rollers	1/1/29	2/28/29	100	80	1.00	75-119	8,009	
D1	Site Preparation	Skid-Steer Loaders	1/1/29	2/28/29	100	65	1.00	50-74	6,507	
D1	Site Preparation	Pumps	1/1/29	2/28/29	100	84	1.00	75-119	8,410	
D1	Site Preparation	Plate Compactors	1/1/29	2/28/29	100	8	1.00	<25	801	
D1	Site Preparation	Pile Drivers	1/1/29	2/28/29	200	470	0.50	300-599	94,107	

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D1	Building Construction	Cranes	2/28/29	11/4/30	1,579	231	1.00	175-299	364,716	
D1	Building Construction	Forklifts	2/28/29	11/4/30	2,105	89	1.00	75-119	187,358	
D1	Building Construction	Generator Sets	2/28/29	11/4/30	2,105	84	1.00	75-119	176,832	
D1	Building Construction	Tractors/Loaders/Backhoes	2/28/29	11/4/30	0	97	1.00	75-119	0	
D1	Building Construction	Off-Highway Trucks	2/28/29	11/4/30	0	402	1.00	300-599	0	
D1	Building Construction	Aerial Lifts	2/28/29	11/4/30	0	63	1.00	50-74	0	
D1	Building Construction	Excavators	2/28/29	11/4/30	0	158	1.00	120-174	0	
D1	Building Construction	Cement and Mortar Mixers	2/28/29	11/4/30	2,105	9	1.00	<25	18,946	
D1	Building Construction	Concrete Pumps	2/28/29	11/4/30	2,105	84	1.00	75-119	176,832	
D1	Building Construction	Welders	2/28/29	11/4/30	0	46	1.00	25-49	0	
D1	Paving	Pavers	11/4/30	12/18/30	75	130	1.00	120-174	9,761	
D1	Paving	Rollers	11/4/30	12/18/30	75	80	1.00	75-119	6,007	
D1	Paving	Off-Highway Trucks	11/4/30	12/18/30	150	402	1.00	300-599	60,369	
D1	Paving	Tractors/Loaders/Backhoes	11/4/30	12/18/30	188	97	1.00	75-119	18,208	
D1	Paving	Concrete Saw	11/4/30	12/18/30	0	81	1.00	75-119	0	
D1	Arc. Coating	Air Compressors	12/18/30	1/31/31	0	78	1.00	75-119	0	1,441,662
D4	Site Preparation	Concrete/Industrial Saws	4/1/29	6/3/29	0	81	1.00	75-119	0	
D4	Site Preparation	Rubber Tired Dozers	4/1/29	6/3/29	0	247	1.00	175-299	0	
D4	Site Preparation	Sweepers/Scrubbers	4/1/29	6/3/29	0	64	1.00	50-74	0	
D4	Site Preparation	Excavator	4/1/29	6/3/29	651	158	1.00	120-174	102,839	
D4	Site Preparation	Water Trucks	4/1/29	6/3/29	651	402	1.00	300-599	261,654	
D4	Site Preparation	Tractors/Loaders/Backhoes	4/1/29	6/3/29	488	97	1.00	75-119	47,352	
D4	Site Preparation	Surfacing Equipment	4/1/29	6/3/29	0	263	1.00	175-299	0	
D4	Site Preparation	Off-Highway Trucks	4/1/29	6/3/29	976	402	1.00	300-599	392,481	
D4	Site Preparation	Pressure Washer	4/1/29	6/3/29	325	13	1.00	<25	4,231	
D4	Site Preparation	Pavers	4/1/29	6/3/29	0	130	1.00	120-174	0	
D4	Site Preparation	Rollers	4/1/29	6/3/29	108	80	1.00	75-119	8,678	
D4	Site Preparation	Skid-Steer Loaders	4/1/29	6/3/29	108	65	1.00	50-74	7,051	
D4	Site Preparation	Pumps	4/1/29	6/3/29	108	84	1.00	75-119	9,112	
D4	Site Preparation	Plate Compactors	4/1/29	6/3/29	108	8	1.00	<25	868	
D4	Site Preparation	Pile Drivers	4/1/29	6/3/29	651	470	0.50	300-599	305,914	
D4	Building Construction	Cranes	6/3/29	3/28/31	5,113	231	1.00	175-299	1,181,110	
D4	Building Construction	Forklifts	6/3/29	3/28/31	4,545	89	1.00	75-119	404,497	
D4	Building Construction	Generator Sets	6/3/29	3/28/31	2,272	84	1.00	75-119	190,886	
D4	Building Construction	Tractors/Loaders/Backhoes	6/3/29	3/28/31	0	97	1.00	75-119	0	
D4	Building Construction	Off-Highway Trucks	6/3/29	3/28/31	0	402	1.00	300-599	0	
D4	Building Construction	Aerial Lifts	6/3/29	3/28/31	0	63	1.00	50-74	0	
D4	Building Construction	Excavators	6/3/29	3/28/31	0	158	1.00	120-174	0	
D4	Building Construction	Cement and Mortar Mixers	6/3/29	3/28/31	6,817	9	1.00	<25	61,356	
D4	Building Construction	Concrete Pumps	6/3/29	3/28/31	2,272	84	1.00	75-119	190,886	
D4	Building Construction	Welders	6/3/29	3/28/31	0	46	1.00	25-49	0	
D4	Paving	Pavers	3/28/31	5/14/31	163	130	1.00	120-174	21,154	
D4	Paving	Rollers	3/28/31	5/14/31	81	80	1.00	75-119	6,509	

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D4	Paving	Off-Highway Trucks	3/28/31	5/14/31	163	402	1.00	300-599	65,413	
D4	Paving	Tractors/Loaders/Backhoes	3/28/31	5/14/31	203	97	1.00	75-119	19,730	
D4	Paving	Concrete Saw	3/28/31	5/14/31	0	81	1.00	75-119	0	
D4	Arc. Coating	Air Compressors	5/14/31	7/1/31	0	78	1.00	75-119	0	3,281,721
D5-D6	Site Preparation	Concrete/Industrial Saws	10/1/23	12/3/23	0	81	1.00	75-119	0	
D5-D6	Site Preparation	Rubber Tired Dozers	10/1/23	12/3/23	0	247	1.00	175-299	0	
D5-D6	Site Preparation	Sweepers/Scrubbers	10/1/23	12/3/23	0	64	1.00	50-74	0	
D5-D6	Site Preparation	Excavator	10/1/23	12/3/23	163	158	1.00	120-174	25,742	
D5-D6	Site Preparation	Water Trucks	10/1/23	12/3/23	326	402	1.00	300-599	130,992	
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	10/1/23	12/3/23	163	97	1.00	75-119	15,804	
D5-D6	Site Preparation	Surfacing Equipment	10/1/23	12/3/23	0	263	1.00	175-299	0	
D5-D6	Site Preparation	Off-Highway Trucks	10/1/23	12/3/23	326	402	1.00	300-599	130,992	
D5-D6	Site Preparation	Pressure Washer	10/1/23	12/3/23	109	13	1.00	<25	1,412	
D5-D6	Site Preparation	Pavers	10/1/23	12/3/23	0	130	1.00	120-174	0	
D5-D6	Site Preparation	Rollers	10/1/23	12/3/23	109	80	1.00	75-119	8,689	
D5-D6	Site Preparation	Skid-Steer Loaders	10/1/23	12/3/23	109	65	1.00	50-74	7,060	
D5-D6	Site Preparation	Pumps	10/1/23	12/3/23	109	84	1.00	75-119	9,124	
D5-D6	Site Preparation	Plate Compactors	10/1/23	12/3/23	109	8	1.00	<25	869	
D5-D6	Site Preparation	Pile Drivers	10/1/23	12/3/23	217	470	0.50	300-599	102,100	
D5-D6	Building Construction	Cranes	12/3/23	9/26/25	1,706	231	1.00	175-299	394,178	
D5-D6	Building Construction	Forklifts	12/3/23	9/26/25	2,275	89	1.00	75-119	202,493	
D5-D6	Building Construction	Generator Sets	12/3/23	9/26/25	2,275	84	1.00	75-119	191,117	
D5-D6	Building Construction	Tractors/Loaders/Backhoes	12/3/23	9/26/25	0	97	1.00	75-119	0	
D5-D6	Building Construction	Off-Highway Trucks	12/3/23	9/26/25	0	402	1.00	300-599	0	
D5-D6	Building Construction	Aerial Lifts	12/3/23	9/26/25	0	63	1.00	50-74	0	
D5-D6	Building Construction	Excavators	12/3/23	9/26/25	0	158	1.00	120-174	0	
D5-D6	Building Construction	Cement and Mortar Mixers	12/3/23	9/26/25	2,275	9	1.00	<25	20,477	
D5-D6	Building Construction	Concrete Pumps	12/3/23	9/26/25	2,275	84	1.00	75-119	191,117	
D5-D6	Building Construction	Welders	12/3/23	9/26/25	0	46	1.00	25-49	0	
D5-D6	Paving	Pavers	9/26/25	11/13/25	81	130	1.00	120-174	10,590	
D5-D6	Paving	Rollers	9/26/25	11/13/25	81	80	1.00	75-119	6,517	
D5-D6	Paving	Off-Highway Trucks	9/26/25	11/13/25	163	402	1.00	300-599	65,496	
D5-D6	Paving	Tractors/Loaders/Backhoes	9/26/25	11/13/25	204	97	1.00	75-119	19,755	
D5-D6	Paving	Concrete Saw	9/26/25	11/13/25	0	81	1.00	75-119	0	
D5-D6	Arc. Coating	Air Compressors	11/13/25	12/31/25	0	78	1.00	75-119	0	1,534,525
D7	Site Preparation	Concrete/Industrial Saws	7/1/25	9/4/25	0	81	1.00	75-119	0	
D7	Site Preparation	Rubber Tired Dozers	7/1/25	9/4/25	0	247	1.00	175-299	0	
D7	Site Preparation	Sweepers/Scrubbers	7/1/25	9/4/25	0	64	1.00	50-74	0	
D7	Site Preparation	Excavator	7/1/25	9/4/25	338	158	1.00	120-174	53,435	
D7	Site Preparation	Water Trucks	7/1/25	9/4/25	338	402	1.00	300-599	135,954	
D7	Site Preparation	Tractors/Loaders/Backhoes	7/1/25	9/4/25	338	97	1.00	75-119	32,805	
D7	Site Preparation	Surfacing Equipment	7/1/25	9/4/25	0	263	1.00	175-299	0	
D7	Site Preparation	Off-Highway Trucks	7/1/25	9/4/25	676	402	1.00	300-599	271,908	

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D7	Site Preparation	Pressure Washer	7/1/25	9/4/25	225	13	1.00	<25	2,931	
D7	Site Preparation	Pavers	7/1/25	9/4/25	0	130	1.00	120-174	0	
D7	Site Preparation	Rollers	7/1/25	9/4/25	113	80	1.00	75-119	9,019	
D7	Site Preparation	Skid-Steer Loaders	7/1/25	9/4/25	113	65	1.00	50-74	7,328	
D7	Site Preparation	Pumps	7/1/25	9/4/25	225	84	1.00	75-119	18,939	
D7	Site Preparation	Plate Compactors	7/1/25	9/4/25	113	8	1.00	<25	902	
D7	Site Preparation	Pile Drivers	7/1/25	9/4/25	451	470	0.50	300-599	211,935	
D7	Building Construction	Cranes	9/4/25	7/24/27	3,536	231	1.00	175-299	816,869	
D7	Building Construction	Forklifts	9/4/25	7/24/27	4,715	89	1.00	75-119	419,632	
D7	Building Construction	Generator Sets	9/4/25	7/24/27	2,357	84	1.00	75-119	198,029	
D7	Building Construction	Tractors/Loaders/Backhoes	9/4/25	7/24/27	0	97	1.00	75-119	0	
D7	Building Construction	Off-Highway Trucks	9/4/25	7/24/27	0	402	1.00	300-599	0	
D7	Building Construction	Aerial Lifts	9/4/25	7/24/27	0	63	1.00	50-74	0	
D7	Building Construction	Excavators	9/4/25	7/24/27	0	158	1.00	120-174	0	
D7	Building Construction	Cement and Mortar Mixers	9/4/25	7/24/27	2,357	9	1.00	<25	21,217	
D7	Building Construction	Concrete Pumps	9/4/25	7/24/27	2,357	84	1.00	75-119	198,029	
D7	Building Construction	Welders	9/4/25	7/24/27	0	46	1.00	25-49	0	
D7	Paving	Pavers	7/24/27	9/11/27	85	130	1.00	120-174	10,991	
D7	Paving	Rollers	7/24/27	9/11/27	85	80	1.00	75-119	6,764	
D7	Paving	Off-Highway Trucks	7/24/27	9/11/27	169	402	1.00	300-599	67,977	
D7	Paving	Tractors/Loaders/Backhoes	7/24/27	9/11/27	211	97	1.00	75-119	20,503	
D7	Paving	Concrete Saw	7/24/27	9/11/27	0	81	1.00	75-119	0	
D7	Arc. Coating	Air Compressors	9/11/27	10/31/27	0	78	1.00	75-119	0	2,505,166
D8-D13	Site Preparation	Concrete/Industrial Saws	6/1/23	10/5/23	0	81	1.00	75-119	0	
D8-D13	Site Preparation	Rubber Tired Dozers	6/1/23	10/5/23	0	247	1.00	175-299	0	
D8-D13	Site Preparation	Sweepers/Scrubbers	6/1/23	10/5/23	0	64	1.00	50-74	0	
D8-D13	Site Preparation	Excavator (Small 150 HP)	6/1/23	10/5/23	1,954	150	1.00	120-174	293,081	
D8-D13	Site Preparation	Water Trucks	6/1/23	10/5/23	651	402	1.00	300-599	261,819	
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	6/1/23	10/5/23	326	97	1.00	75-119	31,588	
D8-D13	Site Preparation	Surfacing Equipment	6/1/23	10/5/23	0	263	1.00	175-299	0	
D8-D13	Site Preparation	Off-Highway Trucks	6/1/23	10/5/23	0	402	1.00	300-599	0	
D8-D13	Site Preparation	Pressure Washer	6/1/23	10/5/23	217	13	1.00	<25	2,822	
D8-D13	Site Preparation	Pavers	6/1/23	10/5/23	0	130	1.00	120-174	0	
D8-D13	Site Preparation	Trench Roller (25 HP)	6/1/23	10/5/23	1,303	25	1.00	25-49	32,565	
D8-D13	Site Preparation	Skid-Steer Loaders	6/1/23	10/5/23	651	65	1.00	50-74	42,334	
D8-D13	Site Preparation	Pumps	6/1/23	10/5/23	0	84	1.00	75-119	0	
D8-D13	Site Preparation	Plate Compactors	6/1/23	10/5/23	651	8	1.00	<25	5,210	
D8-D13	Site Preparation	Pile Drivers	6/1/23	10/5/23	0	470	0.50	300-599	0	
D8-D13	Building Construction	Cranes (220 HP mobile crane)	10/5/23	4/24/27	4,445	220	1.00	175-299	977,856	
D8-D13	Building Construction	Forklifts	10/5/23	4/24/27	13,334	89	1.00	75-119	1,186,762	
D8-D13	Building Construction	Generator Sets	10/5/23	4/24/27	4,445	84	1.00	75-119	373,363	
D8-D13	Building Construction	Tractors/Loaders/Backhoes	10/5/23	4/24/27	0	97	1.00	75-119	0	
D8-D13	Building Construction	Off-Highway Trucks	10/5/23	4/24/27	0	402	1.00	300-599	0	

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D8-D13	Building Construction	Aerial Lifts	10/5/23	4/24/27	0	63	1.00	50-74	0	
D8-D13	Building Construction	Excavators	10/5/23	4/24/27	0	158	1.00	120-174	0	
D8-D13	Building Construction	Cement and Mortar Mixers - E	10/5/23	4/24/27	0	9	1.00	<25	0	
D8-D13	Building Construction	Concrete Pumps	10/5/23	4/24/27	2,222	84	1.00	75-119	186,682	
D8-D13	Building Construction	Welders	10/5/23	4/24/27	0	46	1.00	25-49	0	
D8-D13	Paving	Pavers	4/24/27	7/28/27	163	130	1.00	120-174	21,167	
D8-D13	Paving	Rollers	4/24/27	7/28/27	163	80	1.00	75-119	13,026	
D8-D13	Paving	Off-Highway Trucks	4/24/27	7/28/27	326	402	1.00	300-599	130,910	
D8-D13	Paving	Tractors/Loaders/Backhoes	4/24/27	7/28/27	407	97	1.00	75-119	39,485	
D8-D13	Paving	Concrete Saw	4/24/27	7/28/27	0	81	1.00	75-119	0	
D8-D13	Arc. Coating	Air Compressors	7/28/27	10/31/27	0	78	1.00	75-119	0	3,598,668
E1.1	Site Preparation	Concrete/Industrial Saws	1/1/24	2/21/24	0	81	1.00	75-119	0	
E1.1	Site Preparation	Rubber Tired Dozers	1/1/24	2/21/24	0	247	1.00	175-299	0	
E1.1	Site Preparation	Sweepers/Scrubbers	1/1/24	2/21/24	0	64	1.00	50-74	0	
E1.1	Site Preparation	Excavator	1/1/24	2/21/24	526	158	1.00	120-174	83,077	
E1.1	Site Preparation	Water Trucks	1/1/24	2/21/24	526	402	1.00	300-599	211,374	
E1.1	Site Preparation	Tractors/Loaders/Backhoes	1/1/24	2/21/24	394	97	1.00	75-119	38,252	
E1.1	Site Preparation	Surfacing Equipment	1/1/24	2/21/24	0	263	1.00	175-299	0	
E1.1	Site Preparation	Off-Highway Trucks	1/1/24	2/21/24	789	402	1.00	300-599	317,061	
E1.1	Site Preparation	Pressure Washer	1/1/24	2/21/24	263	13	1.00	<25	3,418	
E1.1	Site Preparation	Pavers	1/1/24	2/21/24	0	130	1.00	120-174	0	
E1.1	Site Preparation	Rollers	1/1/24	2/21/24	88	80	1.00	75-119	7,011	
E1.1	Site Preparation	Skid-Steer Loaders	1/1/24	2/21/24	88	65	1.00	50-74	5,696	
E1.1	Site Preparation	Pumps	1/1/24	2/21/24	88	84	1.00	75-119	7,361	
E1.1	Site Preparation	Plate Compactors	1/1/24	2/21/24	88	8	1.00	<25	701	
E1.1	Site Preparation	Pile Drivers	1/1/24	2/21/24	526	470	0.50	300-599	247,129	
E1.1	Building Construction	Cranes	2/21/24	8/15/25	4,175	231	1.00	175-299	964,418	
E1.1	Building Construction	Forklifts	2/21/24	8/15/25	3,711	89	1.00	75-119	330,287	
E1.1	Building Construction	Generator Sets	2/21/24	8/15/25	1,856	84	1.00	75-119	155,866	
E1.1	Building Construction	Tractors/Loaders/Backhoes	2/21/24	8/15/25	0	97	1.00	75-119	0	
E1.1	Building Construction	Off-Highway Trucks	2/21/24	8/15/25	0	402	1.00	300-599	0	
E1.1	Building Construction	Aerial Lifts	2/21/24	8/15/25	0	63	1.00	50-74	0	
E1.1	Building Construction	Excavators	2/21/24	8/15/25	0	158	1.00	120-174	0	
E1.1	Building Construction	Cement and Mortar Mixers	2/21/24	8/15/25	5,567	9	1.00	<25	50,100	
E1.1	Building Construction	Concrete Pumps	2/21/24	8/15/25	2,783	84	1.00	75-119	233,798	
E1.1	Building Construction	Welders	2/21/24	8/15/25	0	46	1.00	25-49	0	
E1.1	Paving	Pavers	8/15/25	9/22/25	131	130	1.00	120-174	17,089	
E1.1	Paving	Rollers	8/15/25	9/22/25	66	80	1.00	75-119	5,258	
E1.1	Paving	Off-Highway Trucks	8/15/25	9/22/25	131	402	1.00	300-599	52,843	
E1.1	Paving	Tractors/Loaders/Backhoes	8/15/25	9/22/25	164	97	1.00	75-119	15,938	
E1.1	Paving	Concrete Saw	8/15/25	9/22/25	0	81	1.00	75-119	0	
E1.1	Arc. Coating	Air Compressors	9/22/25	10/31/25	0	78	1.00	75-119	0	2,746,678
E1.2	Site Preparation	Concrete/Industrial Saws	10/1/23	12/5/23	0	81	1.00	75-119	0	

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E1.2	Site Preparation	Rubber Tired Dozers	10/1/23	12/5/23	0	247	1.00	175-299	0	
E1.2	Site Preparation	Sweepers/Scrubbers	10/1/23	12/5/23	0	64	1.00	50-74	0	
E1.2	Site Preparation	Excavator	10/1/23	12/5/23	1,354	158	1.00	120-174	213,999	
E1.2	Site Preparation	Water Trucks	10/1/23	12/5/23	677	402	1.00	300-599	272,239	
E1.2	Site Preparation	Tractors/Loaders/Backhoes	10/1/23	12/5/23	1,354	97	1.00	75-119	131,379	
E1.2	Site Preparation	Surfacing Equipment	10/1/23	12/5/23	0	263	1.00	175-299	0	
E1.2	Site Preparation	Off-Highway Trucks	10/1/23	12/5/23	1,016	402	1.00	300-599	408,358	
E1.2	Site Preparation	Pressure Washer	10/1/23	12/5/23	339	13	1.00	<25	4,402	
E1.2	Site Preparation	Pavers	10/1/23	12/5/23	0	130	1.00	120-174	0	
E1.2	Site Preparation	Rollers	10/1/23	12/5/23	226	80	1.00	75-119	18,059	
E1.2	Site Preparation	Skid-Steer Loaders	10/1/23	12/5/23	226	65	1.00	50-74	14,673	
E1.2	Site Preparation	Pumps	10/1/23	12/5/23	339	84	1.00	75-119	28,443	
E1.2	Site Preparation	Plate Compactors	10/1/23	12/5/23	339	8	1.00	<25	2,709	
E1.2	Site Preparation	Pile Drivers	10/1/23	12/5/23	677	470	0.50	300-599	318,289	
E1.2	Building Construction	Cranes	12/5/23	10/24/25	8,851	231	1.00	175-299	2,044,548	
E1.2	Building Construction	Forklifts	12/5/23	10/24/25	9,441	89	1.00	75-119	840,241	
E1.2	Building Construction	Generator Sets	12/5/23	10/24/25	7,081	84	1.00	75-119	594,778	
E1.2	Building Construction	Tractors/Loaders/Backhoes	12/5/23	10/24/25	0	97	1.00	75-119	0	
E1.2	Building Construction	Off-Highway Trucks	12/5/23	10/24/25	0	402	1.00	300-599	0	
E1.2	Building Construction	Aerial Lifts	12/5/23	10/24/25	0	63	1.00	50-74	0	
E1.2	Building Construction	Excavators	12/5/23	10/24/25	0	158	1.00	120-174	0	
E1.2	Building Construction	Cement and Mortar Mixers	12/5/23	10/24/25	7,081	9	1.00	<25	63,726	
E1.2	Building Construction	Concrete Pumps	12/5/23	10/24/25	4,720	84	1.00	75-119	396,518	
E1.2	Building Construction	Welders	12/5/23	10/24/25	0	46	1.00	25-49	0	
E1.2	Paving	Pavers	10/24/25	12/12/25	635	130	1.00	120-174	82,535	
E1.2	Paving	Rollers	10/24/25	12/12/25	635	80	1.00	75-119	50,791	
E1.2	Paving	Off-Highway Trucks	10/24/25	12/12/25	508	402	1.00	300-599	204,179	
E1.2	Paving	Tractors/Loaders/Backhoes	10/24/25	12/12/25	635	97	1.00	75-119	61,584	
E1.2	Paving	Concrete Saw	10/24/25	12/12/25	0	81	1.00	75-119	0	
E1.2	Arc. Coating	Air Compressors	12/12/25	1/31/26	0	78	1.00	75-119	0	5,751,451
F1-F2	Site Preparation	Concrete/Industrial Saws	6/1/24	8/8/24	0	81	1.00	75-119	0	
F1-F2	Site Preparation	Excavator	6/1/24	8/8/24	1,753	158	1.00	120-174	276,924	
F1-F2	Site Preparation	Off-Highway Trucks	6/1/24	8/8/24	1,402	402	1.00	300-599	563,664	
F1-F2	Site Preparation	Pavers	6/1/24	8/8/24	0	130	1.00	120-174	0	
F1-F2	Site Preparation	Pile Drivers	6/1/24	8/8/24	935	470	0.50	300-599	439,340	
F1-F2	Site Preparation	Plate Compactors	6/1/24	8/8/24	351	8	1.00	<25	2,804	
F1-F2	Site Preparation	Pressure Washer	6/1/24	8/8/24	467	13	1.00	<25	6,076	
F1-F2	Site Preparation	Pumps	6/1/24	8/8/24	584	84	1.00	75-119	49,075	
F1-F2	Site Preparation	Rollers	6/1/24	8/8/24	234	80	1.00	75-119	18,695	
F1-F2	Site Preparation	Rubber Tired Dozers	6/1/24	8/8/24	0	247	1.00	175-299	0	
F1-F2	Site Preparation	Skid-Steer Loaders	6/1/24	8/8/24	234	65	1.00	50-74	15,190	
F1-F2	Site Preparation	Surfacing Equipment	6/1/24	8/8/24	0	263	1.00	175-299	0	
F1-F2	Site Preparation	Sweepers/Scrubbers	6/1/24	8/8/24	0	64	1.00	50-74	0	

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F1-F2	Site Preparation	Tractors/Loaders/Backhoes	6/1/24	8/8/24	1,753	97	1.00	75-119	170,011	
F1-F2	Site Preparation	Water Trucks	6/1/24	8/8/24	1,052	402	1.00	300-599	422,748	
F1-F2	Building Construction	Aerial Lifts	8/8/24	7/20/26	0	63	1.00	50-74	0	
F1-F2	Building Construction	Cement and Mortar Mixers	8/8/24	7/20/26	7,319	9	1.00	<25	65,874	
F1-F2	Building Construction	Concrete Pumps	8/8/24	7/20/26	4,880	84	1.00	75-119	409,882	
F1-F2	Building Construction	Cranes	8/8/24	7/20/26	12,809	231	1.00	175-299	2,958,833	
F1-F2	Building Construction	Excavators	8/8/24	7/20/26	0	158	1.00	120-174	0	
F1-F2	Building Construction	Forklifts	8/8/24	7/20/26	17,078	89	1.00	75-119	1,519,978	
F1-F2	Building Construction	Generator Sets	8/8/24	7/20/26	9,759	84	1.00	75-119	819,763	
F1-F2	Building Construction	Off-Highway Trucks	8/8/24	7/20/26	0	402	1.00	300-599	0	
F1-F2	Building Construction	Tractors/Loaders/Backhoes	8/8/24	7/20/26	0	97	1.00	75-119	0	
F1-F2	Building Construction	Welders	8/8/24	7/20/26	0	46	1.00	25-49	0	
F1-F2	Paving	Concrete Saw	7/20/26	9/9/26	0	81	1.00	75-119	0	
F1-F2	Paving	Off-Highway Trucks	7/20/26	9/9/26	701	402	1.00	300-599	281,832	
F1-F2	Paving	Pavers	7/20/26	9/9/26	876	130	1.00	120-174	113,925	
F1-F2	Paving	Rollers	7/20/26	9/9/26	876	80	1.00	75-119	70,107	
F1-F2	Paving	Tractors/Loaders/Backhoes	7/20/26	9/9/26	876	97	1.00	75-119	85,005	
F1-F2	Arc. Coating	Air Compressors	9/9/26	10/31/26	0	78	1.00	75-119	0	8,289,725
F3	Site Preparation	Concrete/Industrial Saws	3/1/25	4/28/25	0	81	1.00	75-119	0	
F3	Site Preparation	Excavator	3/1/25	4/28/25	150	158	1.00	120-174	23,727	
F3	Site Preparation	Off-Highway Trucks	3/1/25	4/28/25	300	402	1.00	300-599	120,738	
F3	Site Preparation	Pavers	3/1/25	4/28/25	0	130	1.00	120-174	0	
F3	Site Preparation	Pile Drivers	3/1/25	4/28/25	200	470	0.50	300-599	94,107	
F3	Site Preparation	Plate Compactors	3/1/25	4/28/25	100	8	1.00	<25	801	
F3	Site Preparation	Pressure Washer	3/1/25	4/28/25	100	13	1.00	<25	1,301	
F3	Site Preparation	Pumps	3/1/25	4/28/25	100	84	1.00	75-119	8,410	
F3	Site Preparation	Rollers	3/1/25	4/28/25	100	80	1.00	75-119	8,009	
F3	Site Preparation	Rubber Tired Dozers	3/1/25	4/28/25	0	247	1.00	175-299	0	
F3	Site Preparation	Skid-Steer Loaders	3/1/25	4/28/25	100	65	1.00	50-74	6,507	
F3	Site Preparation	Surfacing Equipment	3/1/25	4/28/25	0	263	1.00	175-299	0	
F3	Site Preparation	Sweepers/Scrubbers	3/1/25	4/28/25	0	64	1.00	50-74	0	
F3	Site Preparation	Tractors/Loaders/Backhoes	3/1/25	4/28/25	150	97	1.00	75-119	14,567	
F3	Site Preparation	Water Trucks	3/1/25	4/28/25	300	402	1.00	300-599	120,738	
F3	Building Construction	Aerial Lifts	4/28/25	1/2/27	0	63	1.00	50-74	0	
F3	Building Construction	Cement and Mortar Mixers	4/28/25	1/2/27	2,105	9	1.00	<25	18,946	
F3	Building Construction	Concrete Pumps	4/28/25	1/2/27	2,105	84	1.00	75-119	176,832	
F3	Building Construction	Cranes	4/28/25	1/2/27	1,579	231	1.00	175-299	364,716	
F3	Building Construction	Excavators	4/28/25	1/2/27	0	158	1.00	120-174	0	
F3	Building Construction	Forklifts	4/28/25	1/2/27	2,105	89	1.00	75-119	187,358	
F3	Building Construction	Generator Sets	4/28/25	1/2/27	2,105	84	1.00	75-119	176,832	
F3	Building Construction	Off-Highway Trucks	4/28/25	1/2/27	0	402	1.00	300-599	0	
F3	Building Construction	Tractors/Loaders/Backhoes	4/28/25	1/2/27	0	97	1.00	75-119	0	
F3	Building Construction	Welders	4/28/25	1/2/27	0	46	1.00	25-49	0	

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F3	Paving	Concrete Saw	1/2/27	2/15/27	0	81	1.00	75-119	0	
F3	Paving	Off-Highway Trucks	1/2/27	2/15/27	150	402	1.00	300-599	60,369	
F3	Paving	Pavers	1/2/27	2/15/27	75	130	1.00	120-174	9,761	
F3	Paving	Rollers	1/2/27	2/15/27	75	80	1.00	75-119	6,007	
F3	Paving	Tractors/Loaders/Backhoes	1/2/27	2/15/27	188	97	1.00	75-119	18,208	
F3	Arc. Coating	Air Compressors	2/15/27	3/31/27	0	78	1.00	75-119	0	1,417,935
F4	Site Preparation	Concrete/Industrial Saws	6/1/24	8/8/24	0	81	1.00	75-119	0	
F4	Site Preparation	Excavator	6/1/24	8/8/24	351	158	1.00	120-174	55,385	
F4	Site Preparation	Off-Highway Trucks	6/1/24	8/8/24	701	402	1.00	300-599	281,832	
F4	Site Preparation	Pavers	6/1/24	8/8/24	0	130	1.00	120-174	0	
F4	Site Preparation	Pile Drivers	6/1/24	8/8/24	467	470	0.50	300-599	219,670	
F4	Site Preparation	Plate Compactors	6/1/24	8/8/24	117	8	1.00	<25	935	
F4	Site Preparation	Pressure Washer	6/1/24	8/8/24	117	13	1.00	<25	1,519	
F4	Site Preparation	Pumps	6/1/24	8/8/24	117	84	1.00	75-119	9,815	
F4	Site Preparation	Rollers	6/1/24	8/8/24	117	80	1.00	75-119	9,348	
F4	Site Preparation	Rubber Tired Dozers	6/1/24	8/8/24	0	247	1.00	175-299	0	
F4	Site Preparation	Skid-Steer Loaders	6/1/24	8/8/24	117	65	1.00	50-74	7,595	
F4	Site Preparation	Surfacing Equipment	6/1/24	8/8/24	0	263	1.00	175-299	0	
F4	Site Preparation	Sweepers/Scrubbers	6/1/24	8/8/24	0	64	1.00	50-74	0	
F4	Site Preparation	Tractors/Loaders/Backhoes	6/1/24	8/8/24	175	97	1.00	75-119	17,001	
F4	Site Preparation	Water Trucks	6/1/24	8/8/24	351	402	1.00	300-599	140,916	
F4	Building Construction	Aerial Lifts	8/8/24	7/20/26	0	63	1.00	50-74	0	
F4	Building Construction	Cement and Mortar Mixers	8/8/24	7/20/26	2,440	9	1.00	<25	21,958	
F4	Building Construction	Concrete Pumps	8/8/24	7/20/26	2,440	84	1.00	75-119	204,941	
F4	Building Construction	Cranes	8/8/24	7/20/26	3,660	231	1.00	175-299	845,381	
F4	Building Construction	Excavators	8/8/24	7/20/26	0	158	1.00	120-174	0	
F4	Building Construction	Forklifts	8/8/24	7/20/26	4,880	89	1.00	75-119	434,279	
F4	Building Construction	Generator Sets	8/8/24	7/20/26	2,440	84	1.00	75-119	204,941	
F4	Building Construction	Off-Highway Trucks	8/8/24	7/20/26	0	402	1.00	300-599	0	
F4	Building Construction	Tractors/Loaders/Backhoes	8/8/24	7/20/26	0	97	1.00	75-119	0	
F4	Building Construction	Welders	8/8/24	7/20/26	0	46	1.00	25-49	0	
F4	Paving	Concrete Saw	7/20/26	9/9/26	0	81	1.00	75-119	0	
F4	Paving	Off-Highway Trucks	7/20/26	9/9/26	175	402	1.00	300-599	70,458	
F4	Paving	Pavers	7/20/26	9/9/26	88	130	1.00	120-174	11,392	
F4	Paving	Rollers	7/20/26	9/9/26	88	80	1.00	75-119	7,011	
F4	Paving	Tractors/Loaders/Backhoes	7/20/26	9/9/26	219	97	1.00	75-119	21,251	
F4	Arc. Coating	Air Compressors	9/9/26	10/31/26	0	78	1.00	75-119	0	2,565,627
F5	Site Preparation	Concrete/Industrial Saws	10/1/22	12/20/22	0	81	1.00	75-119	0	
F5	Site Preparation	Excavator	10/1/22	12/20/22	207	158	1.00	120-174	32,633	
F5	Site Preparation	Off-Highway Trucks	10/1/22	12/20/22	413	402	1.00	300-599	166,056	
F5	Site Preparation	Pavers	10/1/22	12/20/22	0	130	1.00	120-174	0	
F5	Site Preparation	Pile Drivers	10/1/22	12/20/22	275	470	0.50	300-599	129,430	
F5	Site Preparation	Plate Compactors	10/1/22	12/20/22	138	8	1.00	<25	1,102	

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F5	Site Preparation	Pressure Washer	10/1/22	12/20/22	138	13	1.00	<25	1,790	
F5	Site Preparation	Pumps	10/1/22	12/20/22	138	84	1.00	75-119	11,566	
F5	Site Preparation	Rollers	10/1/22	12/20/22	138	80	1.00	75-119	11,015	
F5	Site Preparation	Rubber Tired Dozers	10/1/22	12/20/22	0	247	1.00	175-299	0	
F5	Site Preparation	Skid-Steer Loaders	10/1/22	12/20/22	138	65	1.00	50-74	8,950	
F5	Site Preparation	Surfacing Equipment	10/1/22	12/20/22	0	263	1.00	175-299	0	
F5	Site Preparation	Sweepers/Scrubbers	10/1/22	12/20/22	0	64	1.00	50-74	0	
F5	Site Preparation	Tractors/Loaders/Backhoes	10/1/22	12/20/22	207	97	1.00	75-119	20,034	
F5	Site Preparation	Water Trucks	10/1/22	12/20/22	413	402	1.00	300-599	166,056	
F5	Building Construction	Aerial Lifts	12/20/22	4/1/25	0	63	1.00	50-74	0	
F5	Building Construction	Cement and Mortar Mixers	12/20/22	4/1/25	2,857	9	1.00	<25	25,710	
F5	Building Construction	Concrete Pumps	12/20/22	4/1/25	1,428	84	1.00	75-119	119,981	
F5	Building Construction	Cranes	12/20/22	4/1/25	2,143	231	1.00	175-299	494,921	
F5	Building Construction	Excavators	12/20/22	4/1/25	0	158	1.00	120-174	0	
F5	Building Construction	Forklifts	12/20/22	4/1/25	2,857	89	1.00	75-119	254,245	
F5	Building Construction	Generator Sets	12/20/22	4/1/25	2,857	84	1.00	75-119	239,962	
F5	Building Construction	Off-Highway Trucks	12/20/22	4/1/25	0	402	1.00	300-599	0	
F5	Building Construction	Tractors/Loaders/Backhoes	12/20/22	4/1/25	0	97	1.00	75-119	0	
F5	Building Construction	Welders	12/20/22	4/1/25	0	46	1.00	25-49	0	
F5	Paving	Concrete Saw	4/1/25	5/31/25	0	81	1.00	75-119	0	
F5	Paving	Off-Highway Trucks	4/1/25	5/31/25	207	402	1.00	300-599	83,028	
F5	Paving	Pavers	4/1/25	5/31/25	103	130	1.00	120-174	13,425	
F5	Paving	Rollers	4/1/25	5/31/25	103	80	1.00	75-119	8,261	
F5	Paving	Tractors/Loaders/Backhoes	4/1/25	5/31/25	258	97	1.00	75-119	25,043	
F5	Arc. Coating	Air Compressors	5/31/25	7/31/25	0	78	1.00	75-119	0	1,813,207
F6	Site Preparation	Concrete/Industrial Saws	7/1/24	9/2/24	0	81	1.00	75-119	0	
F6	Site Preparation	Excavator	7/1/24	9/2/24	163	158	1.00	120-174	25,742	
F6	Site Preparation	Off-Highway Trucks	7/1/24	9/2/24	326	402	1.00	300-599	130,992	
F6	Site Preparation	Pavers	7/1/24	9/2/24	0	130	1.00	120-174	0	
F6	Site Preparation	Pile Drivers	7/1/24	9/2/24	217	470	0.50	300-599	102,100	
F6	Site Preparation	Plate Compactors	7/1/24	9/2/24	109	8	1.00	<25	869	
F6	Site Preparation	Pressure Washer	7/1/24	9/2/24	109	13	1.00	<25	1,412	
F6	Site Preparation	Pumps	7/1/24	9/2/24	109	84	1.00	75-119	9,124	
F6	Site Preparation	Rollers	7/1/24	9/2/24	109	80	1.00	75-119	8,689	
F6	Site Preparation	Rubber Tired Dozers	7/1/24	9/2/24	0	247	1.00	175-299	0	
F6	Site Preparation	Skid-Steer Loaders	7/1/24	9/2/24	109	65	1.00	50-74	7,060	
F6	Site Preparation	Surfacing Equipment	7/1/24	9/2/24	0	263	1.00	175-299	0	
F6	Site Preparation	Sweepers/Scrubbers	7/1/24	9/2/24	0	64	1.00	50-74	0	
F6	Site Preparation	Tractors/Loaders/Backhoes	7/1/24	9/2/24	163	97	1.00	75-119	15,804	
F6	Site Preparation	Water Trucks	7/1/24	9/2/24	326	402	1.00	300-599	130,992	
F6	Building Construction	Aerial Lifts	9/2/24	6/27/26	0	63	1.00	50-74	0	
F6	Building Construction	Cement and Mortar Mixers	9/2/24	6/27/26	2,275	9	1.00	<25	20,477	
F6	Building Construction	Concrete Pumps	9/2/24	6/27/26	1,138	84	1.00	75-119	95,558	

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F6	Building Construction	Cranes	9/2/24	6/27/26	1,706	231	1.00	175-299	394,178	
F6	Building Construction	Excavators	9/2/24	6/27/26	0	158	1.00	120-174	0	
F6	Building Construction	Forklifts	9/2/24	6/27/26	2,275	89	1.00	75-119	202,493	
F6	Building Construction	Generator Sets	9/2/24	6/27/26	2,275	84	1.00	75-119	191,117	
F6	Building Construction	Off-Highway Trucks	9/2/24	6/27/26	0	402	1.00	300-599	0	
F6	Building Construction	Tractors/Loaders/Backhoes	9/2/24	6/27/26	0	97	1.00	75-119	0	
F6	Building Construction	Welders	9/2/24	6/27/26	0	46	1.00	25-49	0	
F6	Paving	Concrete Saw	6/27/26	8/14/26	0	81	1.00	75-119	0	
F6	Paving	Off-Highway Trucks	6/27/26	8/14/26	163	402	1.00	300-599	65,496	
F6	Paving	Pavers	6/27/26	8/14/26	81	130	1.00	120-174	10,590	
F6	Paving	Rollers	6/27/26	8/14/26	81	80	1.00	75-119	6,517	
F6	Paving	Tractors/Loaders/Backhoes	6/27/26	8/14/26	204	97	1.00	75-119	19,755	
F6	Arc. Coating	Air Compressors	8/14/26	10/1/26	0	78	1.00	75-119	0	1,438,966
G1	Site Preparation	Concrete/Industrial Saws	1/1/25	3/7/25	0	81	1.00	75-119	0	
G1	Site Preparation	Excavator	1/1/25	3/7/25	337	158	1.00	120-174	53,305	
G1	Site Preparation	Off-Highway Trucks	1/1/25	3/7/25	337	402	1.00	300-599	135,623	
G1	Site Preparation	Pavers	1/1/25	3/7/25	0	130	1.00	120-174	0	
G1	Site Preparation	Pile Drivers	1/1/25	3/7/25	225	470	0.50	300-599	105,710	
G1	Site Preparation	Plate Compactors	1/1/25	3/7/25	112	8	1.00	<25	900	
G1	Site Preparation	Pressure Washer	1/1/25	3/7/25	112	13	1.00	<25	1,462	
G1	Site Preparation	Pumps	1/1/25	3/7/25	112	84	1.00	75-119	9,446	
G1	Site Preparation	Rollers	1/1/25	3/7/25	112	80	1.00	75-119	8,997	
G1	Site Preparation	Rubber Tired Dozers	1/1/25	3/7/25	0	247	1.00	175-299	0	
G1	Site Preparation	Skid-Steer Loaders	1/1/25	3/7/25	112	65	1.00	50-74	7,310	
G1	Site Preparation	Surfacing Equipment	1/1/25	3/7/25	0	263	1.00	175-299	0	
G1	Site Preparation	Sweepers/Scrubbers	1/1/25	3/7/25	0	64	1.00	50-74	0	
G1	Site Preparation	Tractors/Loaders/Backhoes	1/1/25	3/7/25	337	97	1.00	75-119	32,725	
G1	Site Preparation	Water Trucks	1/1/25	3/7/25	337	402	1.00	300-599	135,623	
G1	Building Construction	Aerial Lifts	3/7/25	1/22/27	0	63	1.00	50-74	0	
G1	Building Construction	Cement and Mortar Mixers	3/7/25	1/22/27	2,352	9	1.00	<25	21,168	
G1	Building Construction	Concrete Pumps	3/7/25	1/22/27	2,352	84	1.00	75-119	197,568	
G1	Building Construction	Cranes	3/7/25	1/22/27	7,056	231	1.00	175-299	1,629,936	
G1	Building Construction	Excavators	3/7/25	1/22/27	0	158	1.00	120-174	0	
G1	Building Construction	Forklifts	3/7/25	1/22/27	4,704	89	1.00	75-119	418,656	
G1	Building Construction	Generator Sets	3/7/25	1/22/27	2,352	84	1.00	75-119	197,568	
G1	Building Construction	Off-Highway Trucks	3/7/25	1/22/27	0	402	1.00	300-599	0	
G1	Building Construction	Tractors/Loaders/Backhoes	3/7/25	1/22/27	0	97	1.00	75-119	0	
G1	Building Construction	Welders	3/7/25	1/22/27	0	46	1.00	25-49	0	
G1	Paving	Concrete Saw	1/22/27	3/12/27	0	81	1.00	75-119	0	
G1	Paving	Off-Highway Trucks	1/22/27	3/12/27	169	402	1.00	300-599	67,812	
G1	Paving	Pavers	1/22/27	3/12/27	84	130	1.00	120-174	10,965	
G1	Paving	Rollers	1/22/27	3/12/27	84	80	1.00	75-119	6,747	
G1	Paving	Tractors/Loaders/Backhoes	1/22/27	3/12/27	211	97	1.00	75-119	20,453	

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G1	Arc. Coating	Air Compressors	3/12/27	5/1/27	0	78	1.00	75-119	0	3,061,973
H1	Site Preparation	Concrete/Industrial Saws	7/1/24	9/4/24	0	81	1.00	75-119	0	
H1	Site Preparation	Excavator	7/1/24	9/4/24	338	158	1.00	120-174	53,435	
H1	Site Preparation	Off-Highway Trucks	7/1/24	9/4/24	338	402	1.00	300-599	135,954	
H1	Site Preparation	Pavers	7/1/24	9/4/24	0	130	1.00	120-174	0	
H1	Site Preparation	Pile Drivers	7/1/24	9/4/24	225	470	0.50	300-599	105,968	
H1	Site Preparation	Plate Compactors	7/1/24	9/4/24	113	8	1.00	<25	902	
H1	Site Preparation	Pressure Washer	7/1/24	9/4/24	113	13	1.00	<25	1,466	
H1	Site Preparation	Pumps	7/1/24	9/4/24	113	84	1.00	75-119	9,469	
H1	Site Preparation	Rollers	7/1/24	9/4/24	113	80	1.00	75-119	9,019	
H1	Site Preparation	Rubber Tired Dozers	7/1/24	9/4/24	0	247	1.00	175-299	0	
H1	Site Preparation	Skid-Steer Loaders	7/1/24	9/4/24	113	65	1.00	50-74	7,328	
H1	Site Preparation	Surfacing Equipment	7/1/24	9/4/24	0	263	1.00	175-299	0	
H1	Site Preparation	Sweepers/Scrubbers	7/1/24	9/4/24	0	64	1.00	50-74	0	
H1	Site Preparation	Tractors/Loaders/Backhoes	7/1/24	9/4/24	338	97	1.00	75-119	32,805	
H1	Site Preparation	Water Trucks	7/1/24	9/4/24	338	402	1.00	300-599	135,954	
H1	Building Construction	Aerial Lifts	9/4/24	7/24/26	0	63	1.00	50-74	0	
H1	Building Construction	Cement and Mortar Mixers	9/4/24	7/24/26	2,357	9	1.00	<25	21,217	
H1	Building Construction	Concrete Pumps	9/4/24	7/24/26	1,179	84	1.00	75-119	99,014	
H1	Building Construction	Cranes	9/4/24	7/24/26	3,536	231	1.00	175-299	816,869	
H1	Building Construction	Excavators	9/4/24	7/24/26	0	158	1.00	120-174	0	
H1	Building Construction	Forklifts	9/4/24	7/24/26	4,715	89	1.00	75-119	419,632	
H1	Building Construction	Generator Sets	9/4/24	7/24/26	2,357	84	1.00	75-119	198,029	
H1	Building Construction	Off-Highway Trucks	9/4/24	7/24/26	0	402	1.00	300-599	0	
H1	Building Construction	Tractors/Loaders/Backhoes	9/4/24	7/24/26	0	97	1.00	75-119	0	
H1	Building Construction	Welders	9/4/24	7/24/26	0	46	1.00	25-49	0	
H1	Paving	Concrete Saw	7/24/26	9/11/26	0	81	1.00	75-119	0	
H1	Paving	Off-Highway Trucks	7/24/26	9/11/26	169	402	1.00	300-599	67,977	
H1	Paving	Pavers	7/24/26	9/11/26	85	130	1.00	120-174	10,991	
H1	Paving	Rollers	7/24/26	9/11/26	85	80	1.00	75-119	6,764	
H1	Paving	Tractors/Loaders/Backhoes	7/24/26	9/11/26	211	97	1.00	75-119	20,503	
H1	Arc. Coating	Air Compressors	9/11/26	10/31/26	0	78	1.00	75-119	0	2,153,295
H2	Site Preparation	Concrete/Industrial Saws	1/1/29	2/25/29	0	81	1.00	75-119	0	
H2	Site Preparation	Excavator	1/1/29	2/25/29	144	158	1.00	120-174	22,719	
H2	Site Preparation	Off-Highway Trucks	1/1/29	2/25/29	288	402	1.00	300-599	115,611	
H2	Site Preparation	Pavers	1/1/29	2/25/29	0	130	1.00	120-174	0	
H2	Site Preparation	Pile Drivers	1/1/29	2/25/29	192	470	0.50	300-599	90,111	
H2	Site Preparation	Plate Compactors	1/1/29	2/25/29	96	8	1.00	<25	767	
H2	Site Preparation	Pressure Washer	1/1/29	2/25/29	96	13	1.00	<25	1,246	
H2	Site Preparation	Pumps	1/1/29	2/25/29	96	84	1.00	75-119	8,052	
H2	Site Preparation	Rollers	1/1/29	2/25/29	96	80	1.00	75-119	7,669	
H2	Site Preparation	Rubber Tired Dozers	1/1/29	2/25/29	0	247	1.00	175-299	0	

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H2	Site Preparation	Skid-Steer Loaders	1/1/29	2/25/29	96	65	1.00	50-74	6,231	
H2	Site Preparation	Surfacing Equipment	1/1/29	2/25/29	0	263	1.00	175-299	0	
H2	Site Preparation	Sweepers/Scrubbers	1/1/29	2/25/29	0	64	1.00	50-74	0	
H2	Site Preparation	Tractors/Loaders/Backhoes	1/1/29	2/25/29	144	97	1.00	75-119	13,948	
H2	Site Preparation	Water Trucks	1/1/29	2/25/29	288	402	1.00	300-599	115,611	
H2	Building Construction	Aerial Lifts	2/25/29	10/8/30	0	63	1.00	50-74	0	
H2	Building Construction	Cement and Mortar Mixers	2/25/29	10/8/30	2,020	9	1.00	<25	18,181	
H2	Building Construction	Concrete Pumps	2/25/29	10/8/30	1,010	84	1.00	75-119	84,845	
H2	Building Construction	Cranes	2/25/29	10/8/30	1,515	231	1.00	175-299	349,985	
H2	Building Construction	Excavators	2/25/29	10/8/30	0	158	1.00	120-174	0	
H2	Building Construction	Forklifts	2/25/29	10/8/30	2,020	89	1.00	75-119	179,790	
H2	Building Construction	Generator Sets	2/25/29	10/8/30	2,020	84	1.00	75-119	169,690	
H2	Building Construction	Off-Highway Trucks	2/25/29	10/8/30	0	402	1.00	300-599	0	
H2	Building Construction	Tractors/Loaders/Backhoes	2/25/29	10/8/30	0	97	1.00	75-119	0	
H2	Building Construction	Welders	2/25/29	10/8/30	0	46	1.00	25-49	0	
H2	Paving	Concrete Saw	10/8/30	11/19/30	0	81	1.00	75-119	0	
H2	Paving	Off-Highway Trucks	10/8/30	11/19/30	144	402	1.00	300-599	57,805	
H2	Paving	Pavers	10/8/30	11/19/30	72	130	1.00	120-174	9,347	
H2	Paving	Rollers	10/8/30	11/19/30	72	80	1.00	75-119	5,752	
H2	Paving	Tractors/Loaders/Backhoes	10/8/30	11/19/30	180	97	1.00	75-119	17,435	
H2	Arc. Coating	Air Compressors	11/19/30	12/31/30	0	78	1.00	75-119	0	1,274,795
H3	Site Preparation	Concrete/Industrial Saws	7/1/25	9/9/25	0	81	1.00	75-119	0	
H3	Site Preparation	Excavator	7/1/25	9/9/25	727	158	1.00	120-174	114,800	
H3	Site Preparation	Off-Highway Trucks	7/1/25	9/9/25	727	402	1.00	300-599	292,086	
H3	Site Preparation	Pavers	7/1/25	9/9/25	0	130	1.00	120-174	0	
H3	Site Preparation	Pile Drivers	7/1/25	9/9/25	484	470	0.50	300-599	227,663	
H3	Site Preparation	Plate Compactors	7/1/25	9/9/25	242	8	1.00	<25	1,938	
H3	Site Preparation	Pressure Washer	7/1/25	9/9/25	363	13	1.00	<25	4,723	
H3	Site Preparation	Pumps	7/1/25	9/9/25	363	84	1.00	75-119	30,516	
H3	Site Preparation	Rollers	7/1/25	9/9/25	121	80	1.00	75-119	9,688	
H3	Site Preparation	Rubber Tired Dozers	7/1/25	9/9/25	0	247	1.00	175-299	0	
H3	Site Preparation	Skid-Steer Loaders	7/1/25	9/9/25	121	65	1.00	50-74	7,871	
H3	Site Preparation	Surfacing Equipment	7/1/25	9/9/25	0	263	1.00	175-299	0	
H3	Site Preparation	Sweepers/Scrubbers	7/1/25	9/9/25	0	64	1.00	50-74	0	
H3	Site Preparation	Tractors/Loaders/Backhoes	7/1/25	9/9/25	727	97	1.00	75-119	70,479	
H3	Site Preparation	Water Trucks	7/1/25	9/9/25	363	402	1.00	300-599	146,043	
H3	Building Construction	Aerial Lifts	9/9/25	9/16/27	0	63	1.00	50-74	0	
H3	Building Construction	Cement and Mortar Mixers	9/9/25	9/16/27	12,624	9	1.00	<25	113,616	
H3	Building Construction	Concrete Pumps	9/9/25	9/16/27	3,787	84	1.00	75-119	318,125	
H3	Building Construction	Cranes	9/9/25	9/16/27	7,574	231	1.00	175-299	1,749,686	
H3	Building Construction	Excavators	9/9/25	9/16/27	0	158	1.00	120-174	0	
H3	Building Construction	Forklifts	9/9/25	9/16/27	10,099	89	1.00	75-119	898,829	
H3	Building Construction	Generator Sets	9/9/25	9/16/27	7,574	84	1.00	75-119	636,250	

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H3	Building Construction	Off-Highway Trucks	9/9/25	9/16/27	0	402	1.00	300-599	0	
H3	Building Construction	Tractors/Loaders/Backhoes	9/9/25	9/16/27	0	97	1.00	75-119	0	
H3	Building Construction	Welders	9/9/25	9/16/27	0	46	1.00	25-49	0	
H3	Paving	Concrete Saw	9/16/27	11/8/27	0	81	1.00	75-119	0	
H3	Paving	Off-Highway Trucks	9/16/27	11/8/27	363	402	1.00	300-599	146,043	
H3	Paving	Pavers	9/16/27	11/8/27	182	130	1.00	120-174	23,614	
H3	Paving	Rollers	9/16/27	11/8/27	182	80	1.00	75-119	14,532	
H3	Paving	Tractors/Loaders/Backhoes	9/16/27	11/8/27	454	97	1.00	75-119	44,049	
H3	Arc. Coating	Air Compressors	11/8/27	12/31/27	0	78	1.00	75-119	0	4,850,550
H4	Site Preparation	Concrete/Industrial Saws	2/1/27	3/29/27	0	81	1.00	75-119	0	
H4	Site Preparation	Excavator	2/1/27	3/29/27	288	158	1.00	120-174	45,504	
H4	Site Preparation	Off-Highway Trucks	2/1/27	3/29/27	576	402	1.00	300-599	231,552	
H4	Site Preparation	Pavers	2/1/27	3/29/27	0	130	1.00	120-174	0	
H4	Site Preparation	Pile Drivers	2/1/27	3/29/27	384	470	0.50	300-599	180,480	
H4	Site Preparation	Plate Compactors	2/1/27	3/29/27	96	8	1.00	<25	768	
H4	Site Preparation	Pressure Washer	2/1/27	3/29/27	96	13	1.00	<25	1,248	
H4	Site Preparation	Pumps	2/1/27	3/29/27	96	84	1.00	75-119	8,064	
H4	Site Preparation	Rollers	2/1/27	3/29/27	96	80	1.00	75-119	7,680	
H4	Site Preparation	Rubber Tired Dozers	2/1/27	3/29/27	0	247	1.00	175-299	0	
H4	Site Preparation	Skid-Steer Loaders	2/1/27	3/29/27	96	65	1.00	50-74	6,240	
H4	Site Preparation	Surfacing Equipment	2/1/27	3/29/27	0	263	1.00	175-299	0	
H4	Site Preparation	Sweepers/Scrubbers	2/1/27	3/29/27	0	64	1.00	50-74	0	
H4	Site Preparation	Tractors/Loaders/Backhoes	2/1/27	3/29/27	144	97	1.00	75-119	13,968	
H4	Site Preparation	Water Trucks	2/1/27	3/29/27	288	402	1.00	300-599	115,776	
H4	Building Construction	Aerial Lifts	3/29/27	11/8/28	0	63	1.00	50-74	0	
H4	Building Construction	Cement and Mortar Mixers	3/29/27	11/8/28	2,023	9	1.00	<25	18,206	
H4	Building Construction	Concrete Pumps	3/29/27	11/8/28	2,023	84	1.00	75-119	169,920	
H4	Building Construction	Cranes	3/29/27	11/8/28	3,034	231	1.00	175-299	700,920	
H4	Building Construction	Excavators	3/29/27	11/8/28	0	158	1.00	120-174	0	
H4	Building Construction	Forklifts	3/29/27	11/8/28	4,046	89	1.00	75-119	360,069	
H4	Building Construction	Generator Sets	3/29/27	11/8/28	2,023	84	1.00	75-119	169,920	
H4	Building Construction	Off-Highway Trucks	3/29/27	11/8/28	0	402	1.00	300-599	0	
H4	Building Construction	Tractors/Loaders/Backhoes	3/29/27	11/8/28	0	97	1.00	75-119	0	
H4	Building Construction	Welders	3/29/27	11/8/28	0	46	1.00	25-49	0	
H4	Paving	Concrete Saw	11/8/28	12/20/28	0	81	1.00	75-119	0	
H4	Paving	Off-Highway Trucks	11/8/28	12/20/28	144	402	1.00	300-599	57,888	
H4	Paving	Pavers	11/8/28	12/20/28	72	130	1.00	120-174	9,360	
H4	Paving	Rollers	11/8/28	12/20/28	72	80	1.00	75-119	5,760	
H4	Paving	Tractors/Loaders/Backhoes	11/8/28	12/20/28	180	97	1.00	75-119	17,460	
H4	Arc. Coating	Air Compressors	12/20/28	1/31/29	0	78	1.00	75-119	0	2,120,782
150 SM	Site Preparation	Concrete/Industrial Saws	10/1/24	11/28/24	0	81	1.00	75-119	0	
150 SM	Site Preparation	Rubber Tired Dozers	10/1/24	11/28/24	0	247	1.00	175-299	0	
150 SM	Site Preparation	Sweepers/Scrubbers	10/1/24	11/28/24	0	64	1.00	50-74	0	

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150 SM	Site Preparation	Excavator (Small 150 HP)	10/1/24	11/28/24	601	150	1.00	120-174	90,103	
150 SM	Site Preparation	Water Trucks	10/1/24	11/28/24	300	402	1.00	300-599	120,738	
150 SM	Site Preparation	Tractors/Loaders/Backhoes	10/1/24	11/28/24	150	97	1.00	75-119	14,567	
150 SM	Site Preparation	Surfacing Equipment	10/1/24	11/28/24	0	263	1.00	175-299	0	
150 SM	Site Preparation	Off-Highway Trucks	10/1/24	11/28/24	0	402	1.00	300-599	0	
150 SM	Site Preparation	Pressure Washer	10/1/24	11/28/24	100	13	1.00	<25	1,301	
150 SM	Site Preparation	Pavers	10/1/24	11/28/24	0	130	1.00	120-174	0	
150 SM	Site Preparation	Trench Roller (25 HP)	10/1/24	11/28/24	200	25	1.00	25-49	5,006	
150 SM	Site Preparation	Skid-Steer Loaders	10/1/24	11/28/24	100	65	1.00	50-74	6,507	
150 SM	Site Preparation	Pumps	10/1/24	11/28/24	0	84	1.00	75-119	0	
150 SM	Site Preparation	Plate Compactors	10/1/24	11/28/24	100	8	1.00	<25	801	
150 SM	Site Preparation	Pile Drivers	10/1/24	11/28/24	0	470	0.50	300-599	0	
150 SM	Building Construction	Cranes (220 HP mobile crane)	11/28/24	8/4/26	1,053	220	1.00	175-299	231,566	
150 SM	Building Construction	Forklifts	11/28/24	8/4/26	2,105	89	1.00	75-119	187,358	
150 SM	Building Construction	Generator Sets	11/28/24	8/4/26	2,105	84	1.00	75-119	176,832	
150 SM	Building Construction	Tractors/Loaders/Backhoes	11/28/24	8/4/26	0	97	1.00	75-119	0	
150 SM	Building Construction	Off-Highway Trucks	11/28/24	8/4/26	0	402	1.00	300-599	0	
150 SM	Building Construction	Aerial Lifts	11/28/24	8/4/26	0	63	1.00	50-74	0	
150 SM	Building Construction	Excavators	11/28/24	8/4/26	0	158	1.00	120-174	0	
150 SM	Building Construction	Cement and Mortar Mixers - E	11/28/24	8/4/26	0	9	1.00	<25	0	
150 SM	Building Construction	Concrete Pumps	11/28/24	8/4/26	526	84	1.00	75-119	44,208	
150 SM	Building Construction	Welders	11/28/24	8/4/26	0	46	1.00	25-49	0	
150 SM	Paving	Pavers	8/4/26	9/17/26	75	130	1.00	120-174	9,761	
150 SM	Paving	Rollers	8/4/26	9/17/26	75	80	1.00	75-119	6,007	
150 SM	Paving	Off-Highway Trucks	8/4/26	9/17/26	150	402	1.00	300-599	60,369	
150 SM	Paving	Tractors/Loaders/Backhoes	8/4/26	9/17/26	188	97	1.00	75-119	18,208	
150 SM	Paving	Concrete Saw	8/4/26	9/17/26	0	81	1.00	75-119	0	
150 SM	Arc. Coating	Air Compressors	9/17/26	10/31/26	0	78	1.00	75-119	0	973,331
40 SM	Site Preparation	Concrete/Industrial Saws	1/1/24	2/21/24	0	81	1.00	75-119	0	
40 SM	Site Preparation	Rubber Tired Dozers	1/1/24	2/21/24	0	247	1.00	175-299	0	
40 SM	Site Preparation	Sweepers/Scrubbers	1/1/24	2/21/24	0	64	1.00	50-74	0	
40 SM	Site Preparation	Excavator (Small 150 HP)	1/1/24	2/21/24	526	150	1.00	120-174	78,871	
40 SM	Site Preparation	Water Trucks	1/1/24	2/21/24	263	402	1.00	300-599	105,687	
40 SM	Site Preparation	Tractors/Loaders/Backhoes	1/1/24	2/21/24	131	97	1.00	75-119	12,751	
40 SM	Site Preparation	Surfacing Equipment	1/1/24	2/21/24	0	263	1.00	175-299	0	
40 SM	Site Preparation	Off-Highway Trucks	1/1/24	2/21/24	0	402	1.00	300-599	0	
40 SM	Site Preparation	Pile Drivers	1/1/24	2/21/24	0	470	0.50	300-599	0	
40 SM	Site Preparation	Pressure Washer	1/1/24	2/21/24	88	13	1.00	<25	1,139	
40 SM	Site Preparation	Pavers	1/1/24	2/21/24	0	130	1.00	120-174	0	
40 SM	Site Preparation	Trench Roller (25 HP)	1/1/24	2/21/24	175	25	1.00	25-49	4,382	
40 SM	Site Preparation	Skid-Steer Loaders	1/1/24	2/21/24	88	65	1.00	50-74	5,696	
40 SM	Site Preparation	Pumps	1/1/24	2/21/24	0	84	1.00	75-119	0	
40 SM	Site Preparation	Plate Compactors	1/1/24	2/21/24	88	8	1.00	<25	701	

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

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40 SM	Building Construction	Cranes (220 HP mobile crane)	2/21/24	8/15/25	928	220	1.00	175-299	204,110	
40 SM	Building Construction	Forklifts	2/21/24	8/15/25	1,856	89	1.00	75-119	165,143	
40 SM	Building Construction	Generator Sets	2/21/24	8/15/25	1,856	84	1.00	75-119	155,866	
40 SM	Building Construction	Tractors/Loaders/Backhoes	2/21/24	8/15/25	0	97	1.00	75-119	0	
40 SM	Building Construction	Off-Highway Trucks	2/21/24	8/15/25	0	402	1.00	300-599	0	
40 SM	Building Construction	Aerial Lifts	2/21/24	8/15/25	0	63	1.00	50-74	0	
40 SM	Building Construction	Excavators	2/21/24	8/15/25	0	158	1.00	120-174	0	
40 SM	Building Construction	Cement and Mortar Mixers - E	2/21/24	8/15/25	0	9	1.00	<25	0	
40 SM	Building Construction	Concrete Pumps	2/21/24	8/15/25	464	84	1.00	75-119	38,966	
40 SM	Building Construction	Welders	2/21/24	8/15/25	0	46	1.00	25-49	0	
40 SM	Paving	Pavers	8/15/25	9/22/25	66	130	1.00	120-174	8,544	
40 SM	Paving	Rollers	8/15/25	9/22/25	66	80	1.00	75-119	5,258	
40 SM	Paving	Off-Highway Trucks	8/15/25	9/22/25	131	402	1.00	300-599	52,843	
40 SM	Paving	Tractors/Loaders/Backhoes	8/15/25	9/22/25	164	97	1.00	75-119	15,938	
40 SM	Paving	Concrete Saw	8/15/25	9/22/25	0	81	1.00	75-119	0	
40 SM	Arc. Coating	Air Compressors	9/22/25	10/31/25	0	78	1.00	75-119	0	855,896
LTA B1-1	Paving	Concrete/Industrial Saws	7/1/25	7/6/25	0	81	1.00	75-119	0	
LTA B1-1	Paving	Cement and Mortar Mixers	7/1/25	7/6/25	34	9	1.00	<25	309	
LTA B1-1	Paving	Sweepers/Scrubbers	7/1/25	7/6/25	0	64	1.00	50-74	0	
LTA B1-1	Paving	Pressure Washer	7/1/25	7/6/25	9	13	1.00	<25	111	420
LTA B1-2	Paving	Concrete/Industrial Saws	7/8/25	7/13/25	0	81	1.00	75-119	0	
LTA B1-2	Paving	Cement and Mortar Mixers	7/8/25	7/13/25	34	9	1.00	<25	309	
LTA B1-2	Paving	Sweepers/Scrubbers	7/8/25	7/13/25	0	64	1.00	50-74	0	
LTA B1-2	Paving	Pressure Washer	7/8/25	7/13/25	9	13	1.00	<25	111	420
LTA B1-3	Paving	Pile Drivers	7/15/25	8/12/25	192	470	0.50	300-599	90,240	
LTA B1-3	Paving	Generator Sets	7/15/25	8/12/25	192	84	1.00	75-119	16,128	
LTA B1-3	Paving	Cranes (220 HP mobile crane)	7/15/25	8/12/25	116	220	1.00	175-299	25,520	
LTA B1-3	Paving	Cement and Mortar Mixers - E	7/15/25	8/12/25	0	9	1.00	<25	0	131,888
LTA B1-4	Paving	Tractors/Loaders/Backhoes	8/13/25	8/23/25	51	97	1.00	75-119	4,989	
LTA B1-4	Paving	Pavers	8/13/25	8/23/25	51	130	1.00	120-174	6,686	
LTA B1-4	Paving	Cement and Mortar Mixers - E	8/13/25	8/23/25	0	9	1.00	<25	0	
LTA B1-4	Paving	Generator Sets	8/13/25	8/23/25	69	84	1.00	75-119	5,760	17,434
LTA B1-4	Paving	Excavator (Small 150 HP)	8/24/25	9/3/25	69	150	1.00	120-174	10,286	
LTA B1-4	Paving	Pavers	8/24/25	9/3/25	51	130	1.00	120-174	6,686	
LTA B1-4	Paving	Cement and Mortar Mixers - E	8/24/25	9/3/25	0	9	1.00	<25	0	
LTA B1-4	Paving	Generator Sets	8/24/25	9/3/25	69	84	1.00	75-119	5,760	22,731
Excavation	1	E - Excavators	7/1/21	7/1/24	14,100	270	0.38	175-299	3,807,000	
Excavation	1	E - Rubber Tired Dozers	7/1/21	7/1/24	28,200	170	0.40	120-174	4,794,000	
Excavation	1	E - Off-Highway Trucks	7/1/21	7/1/24	22,560	300	0.38	300-599	6,768,000	
Excavation	1	E - Pressure Washers	7/1/21	7/1/24	2,820	13	0.30	<25	36,660	
Excavation	1	E - Pumps	7/1/21	7/1/24	28,200	84	0.74	75-119	2,368,800	
Excavation	1	E - Bore/Drill Rigs	7/1/21	7/1/24	16,920	350	0.50	300-599	5,922,000	
Excavation	1	E - Ground anchoring	7/1/21	7/1/24	11,280	215	0.30	175-299	2,425,200	

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Criteria Pollutant - OffRoad Emissions

Excavation	1	- Mobile Concrete Pump - Tier 4 Diese	7/1/21	7/1/24	3,760	350	0.40	300-599	1,316,000	
Excavation	1	E - Tractors/Loaders/Backhoes	7/1/21	7/1/24	16,920	103	0.37	75-119	1,742,760	
Excavation	1	E - Aerial Lifts	7/1/21	7/1/24	0	63	0.31	50-74	0	
Excavation	1	E - Air Compressors	7/1/21	7/1/24	0	78	0.48	75-119	0	
Excavation	1	E - Generator Sets	7/1/21	7/1/24	16,920	84	0.74	75-119	1,421,280	
Excavation	1	E - Sweepers/Scrubbers	7/1/21	7/1/24	0	64	0.46	50-74	0	
Excavation	1	ER- Graders	7/1/21	7/1/24	11,280	187	0.41	175-299	2,109,360	
Excavation	1	ER -Rubber Tired Dozers	7/1/21	7/1/24	5,640	170	0.40	120-174	958,800	
Excavation	1	ER -Excavators	7/1/21	7/1/24	5,640	270	0.20	175-299	1,522,800	
Excavation	1	ER -Trenchers	7/1/21	7/1/24	5,640	78	0.50	75-119	439,920	
Excavation	1	ER - Off-Highway Trucks	7/1/21	7/1/24	7,520	300	0.38	300-599	2,256,000	
Excavation	1	ER - Skid Steer Loaders	7/1/21	7/1/24	11,280	103	0.37	75-119	1,161,840	
Excavation	1	ER - Pressure Washers	7/1/21	7/1/24	940	13	0.30	<25	12,220	
Excavation	1	ER - Plate Compactors	7/1/21	7/1/24	7,520	8	0.43	<25	60,160	39,122,800
Excavation	2a	E - Excavators	7/1/25	4/1/27	3,168	270	0.38	175-299	855,293	
Excavation	2a	E - Rubber Tired Dozers	7/1/25	4/1/27	6,336	170	0.40	120-174	1,077,036	
Excavation	2a	E - Off-Highway Trucks	7/1/25	4/1/27	5,068	300	0.38	300-599	1,520,521	
Excavation	2a	E - Pressure Washers	7/1/25	4/1/27	634	13	0.30	<25	8,236	
Excavation	2a	E - Pumps	7/1/25	4/1/27	6,336	84	0.74	75-119	532,182	
Excavation	2a	E - Bore/Drill Rigs	7/1/25	4/1/27	3,801	350	0.50	300-599	1,330,456	
Excavation	2a	E - Ground anchoring	7/1/25	4/1/27	2,534	215	0.30	175-299	544,853	
Excavation	2a	- Mobile Concrete Pump - Tier 4 Diese	7/1/25	4/1/27	845	350	0.40	300-599	295,657	
Excavation	2a	E - Tractors/Loaders/Backhoes	7/1/25	4/1/27	3,801	103	0.37	75-119	391,534	
Excavation	2a	E - Aerial Lifts	7/1/25	4/1/27	0	63	0.31	50-74	0	
Excavation	2a	E - Air Compressors	7/1/25	4/1/27	0	78	0.48	75-119	0	
Excavation	2a	E - Generator Sets	7/1/25	4/1/27	3,801	84	0.74	75-119	319,309	
Excavation	2a	E - Sweepers/Scrubbers	7/1/25	4/1/27	0	64	0.46	50-74	0	
Excavation	2a	ER- Graders	7/1/25	4/1/27	6,588	187	0.41	175-299	1,231,956	
Excavation	2a	ER -Rubber Tired Dozers	7/1/25	4/1/27	3,294	170	0.40	120-174	559,980	
Excavation	2a	ER -Excavators	7/1/25	4/1/27	3,294	270	0.20	175-299	889,380	
Excavation	2a	ER -Trenchers	7/1/25	4/1/27	3,294	78	0.50	75-119	256,932	
Excavation	2a	ER - Off-Highway Trucks	7/1/25	4/1/27	4,392	300	0.38	300-599	1,317,600	
Excavation	2a	ER - Skid Steer Loaders	7/1/25	4/1/27	6,588	103	0.37	75-119	678,564	
Excavation	2a	ER - Pressure Washers	7/1/25	4/1/27	549	13	0.30	<25	7,137	
Excavation	2a	ER - Plate Compactors	7/1/25	4/1/27	4,392	8	0.43	<25	35,136	11,851,763

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

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Excavation	2b	E - Excavators	1/1/29	1/1/30	2,495	270	0.38	175-299	673,740	
Excavation	2b	E - Rubber Tired Dozers	1/1/29	1/1/30	4,991	170	0.40	120-174	848,414	
Excavation	2b	E - Off-Highway Trucks	1/1/29	1/1/30	3,993	300	0.38	300-599	1,197,760	
Excavation	2b	E - Pressure Washers	1/1/29	1/1/30	499	13	0.30	<25	6,488	
Excavation	2b	E - Pumps	1/1/29	1/1/30	4,991	84	0.74	75-119	419,216	
Excavation	2b	E - Bore/Drill Rigs	1/1/29	1/1/30	2,994	350	0.50	300-599	1,048,040	
Excavation	2b	E - Ground anchoring	1/1/29	1/1/30	1,996	215	0.30	175-299	429,197	
Excavation	2b	: - Mobile Concrete Pump - Tier 4 Diese	1/1/29	1/1/30	665	350	0.40	300-599	232,898	
Excavation	2b	E - Tractors/Loaders/Backhoes	1/1/29	1/1/30	2,994	103	0.37	75-119	308,423	
Excavation	2b	E - Aerial Lifts	1/1/29	1/1/30	0	63	0.31	50-74	0	
Excavation	2b	E - Air Compressors	1/1/29	1/1/30	0	78	0.48	75-119	0	
Excavation	2b	E - Generator Sets	1/1/29	1/1/30	2,994	84	0.74	75-119	251,530	
Excavation	2b	E - Sweepers/Scrubbers	1/1/29	1/1/30	0	64	0.46	50-74	0	
Excavation	2b	ER- Graders	1/1/29	1/1/30	3,768	187	0.41	175-299	704,616	
Excavation	2b	ER -Rubber Tired Dozers	1/1/29	1/1/30	1,884	170	0.40	120-174	320,280	
Excavation	2b	ER -Excavators	1/1/29	1/1/30	1,884	270	0.20	175-299	508,680	
Excavation	2b	ER -Trenchers	1/1/29	1/1/30	1,884	78	0.50	75-119	146,952	
Excavation	2b	ER - Off-Highway Trucks	1/1/29	1/1/30	2,512	300	0.38	300-599	753,600	
Excavation	2b	ER - Skid Steer Loaders	1/1/29	1/1/30	3,768	103	0.37	75-119	388,104	
Excavation	2b	ER - Pressure Washers	1/1/29	1/1/30	314	13	0.30	<25	4,082	
Excavation	2b	ER - Plate Compactors	1/1/29	1/1/30	2,512	8	0.43	<25	20,096	8,262,116
Excavation	3	E - Excavators	1/1/30	7/1/31	5,243	270	0.38	175-299	1,415,496	
Excavation	3	E - Rubber Tired Dozers	1/1/30	7/1/31	10,485	170	0.40	120-174	1,782,477	
Excavation	3	E - Off-Highway Trucks	1/1/30	7/1/31	8,388	300	0.38	300-599	2,516,438	
Excavation	3	E - Pressure Washers	1/1/30	7/1/31	1,049	13	0.30	<25	13,631	
Excavation	3	E - Pumps	1/1/30	7/1/31	10,485	84	0.74	75-119	880,753	
Excavation	3	E - Bore/Drill Rigs	1/1/30	7/1/31	6,291	350	0.50	300-599	2,201,883	
Excavation	3	E - Ground anchoring	1/1/30	7/1/31	4,194	215	0.30	175-299	901,724	
Excavation	3	: - Mobile Concrete Pump - Tier 4 Diese	1/1/30	7/1/31	1,398	350	0.40	300-599	489,307	
Excavation	3	E - Tractors/Loaders/Backhoes	1/1/30	7/1/31	6,291	103	0.37	75-119	647,983	
Excavation	3	E - Aerial Lifts	1/1/30	7/1/31	0	63	0.31	50-74	0	
Excavation	3	E - Air Compressors	1/1/30	7/1/31	0	78	0.48	75-119	0	
Excavation	3	E - Generator Sets	1/1/30	7/1/31	6,291	84	0.74	75-119	528,452	
Excavation	3	E - Sweepers/Scrubbers	1/1/30	7/1/31	0	64	0.46	50-74	0	
Excavation	3	ER- Graders	1/1/30	7/1/31	7,788	187	0.41	175-299	1,456,356	
Excavation	3	ER -Rubber Tired Dozers	1/1/30	7/1/31	3,894	170	0.40	120-174	661,980	
Excavation	3	ER -Excavators	1/1/30	7/1/31	3,894	270	0.20	175-299	1,051,380	
Excavation	3	ER -Trenchers	1/1/30	7/1/31	3,894	78	0.50	75-119	303,732	
Excavation	3	ER - Off-Highway Trucks	1/1/30	7/1/31	5,192	300	0.38	300-599	1,557,600	
Excavation	3	ER - Skid Steer Loaders	1/1/30	7/1/31	7,788	103	0.37	75-119	802,164	
Excavation	3	ER - Pressure Washers	1/1/30	7/1/31	649	13	0.30	<25	8,437	
Excavation	3	ER - Plate Compactors	1/1/30	7/1/31	5,192	8	0.43	<25	41,536	17,261,328
										76,498,007.77

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Criteria Pollutant - OffRoad Emissions

Block	Phase	Start Date
A1	Site Preparation	4/1/27
A1	Building Construction	6/13/2027
A1	Paving	7/13/2029
A1	Arc. Coating	9/6/2029
B1	Site Preparation	10/1/2026
B1	Building Construction	12/10/2026
B1	Paving	12/15/2028
B1	Arc. Coating	2/6/2029
C1	Site Preparation	9/1/2029
C1	Building Construction	11/12/2029
C1	Paving	11/12/2029
C1	Arc. Coating	2/5/2032
C2	Site Preparation	4/1/2029
C2	Building Construction	6/13/2029
C2	Paving	7/13/2031
C2	Arc. Coating	9/6/2031
C3	Site Preparation	1/1/2030
C3	Building Construction	2/28/2030
C3	Paving	11/3/2031
C3	Arc. Coating	12/17/2031
D1	Site Preparation	1/1/2029
D1	Building Construction	2/28/2029
D1	Paving	11/4/2030
D1	Arc. Coating	12/18/2030
D4	Site Preparation	4/1/2029
D4	Building Construction	6/3/2029
D4	Paving	3/28/2031
D4	Arc. Coating	5/14/2031
D5-D6	Site Preparation	10/1/2023
D5-D6	Building Construction	12/3/2023
D5-D6	Paving	9/26/2025
D5-D6	Arc. Coating	11/13/2025
D7	Site Preparation	7/1/2025
D7	Building Construction	9/4/2025
D7	Paving	7/24/2027
D7	Arc. Coating	9/11/2027
D8-D13	Site Preparation	6/1/2023
D8-D13	Building Construction	10/5/2023
D8-D13	Paving	4/24/2027
D8-D13	Arc. Coating	7/28/2027
E1.1	Site Preparation	1/1/2024

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

E1.1	Building Construction	2/21/2024
E1.1	Paving	8/15/2025
E1.1	Arc. Coating	9/22/2025
E1.2	Site Preparation	10/1/2023
E1.2	Building Construction	12/5/2023
E1.2	Paving	10/24/2025
E1.2	Arc. Coating	12/12/2025
F1-F2	Site Preparation	6/1/2024
F1-F2	Building Construction	8/8/2024
F1-F2	Paving	7/20/2026
F1-F2	Arc. Coating	9/9/2026
F3	Site Preparation	3/1/2025
F3	Building Construction	4/28/2025
F3	Paving	1/2/2027
F3	Arc. Coating	2/15/2027
F4	Site Preparation	6/1/2024
F4	Building Construction	8/8/2024
F4	Paving	7/20/2026
F4	Arc. Coating	9/9/2026
F5	Site Preparation	10/1/2022
F5	Building Construction	12/20/2022
F5	Paving	4/1/2025
F5	Arc. Coating	5/31/2025
F6	Site Preparation	7/1/2024
F6	Building Construction	9/2/2024
F6	Paving	6/27/2026
F6	Arc. Coating	8/14/2026
G1	Site Preparation	1/1/2025
G1	Building Construction	3/7/2025
G1	Paving	1/22/2027
G1	Arc. Coating	3/12/2027
H1	Site Preparation	7/1/2024
H1	Building Construction	9/4/2024
H1	Paving	7/24/2026
H1	Arc. Coating	9/11/2026
H2	Site Preparation	1/1/2029
H2	Building Construction	2/25/2029
H2	Paving	10/8/2030
H2	Arc. Coating	11/19/2030
H3	Site Preparation	7/1/2025
H3	Building Construction	9/9/2025
H3	Paving	9/16/2027
H3	Arc. Coating	11/8/2027

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

H4	Site Preparation		2/1/2027
H4	Building Construction		3/29/2027
H4	Paving		11/8/2028
H4	Arc. Coating		12/20/2028
150 SM	Site Preparation		10/1/2024
150 SM	Building Construction		11/28/2024
150 SM	Paving		8/4/2026
150 SM	Arc. Coating		9/17/2026
40 SM	Site Preparation		1/1/2024
40 SM	Building Construction		2/21/2024
40 SM	Paving		8/15/2025
40 SM	Arc. Coating		9/22/2025
LTA B1-1	Paving		7/1/2025
LTA B1-2	Paving		7/8/2025
LTA B1-3	Paving		7/15/2025
LTA B1-4	Paving		8/13/2025
LTA B1-4	Paving		8/24/2025
Excavation		1	7/1/2021
Excavation		2a	7/1/2025
Excavation		2b	1/1/2029
Excavation		3	1/1/2030

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

			grams			
Block	**Phase**	**Equipment**	**ROG**	**Nox**	**PM10**	**PM2.5**
A1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
A1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
A1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
A1	Site Preparation	Excavator	14,544.85	85,058.83	2,169.37	2,169.37
A1	Site Preparation	Water Trucks	18,684.66	100,407.36	2,676.32	2,676.32
A1	Site Preparation	Tractors/Loaders/Backhoes	9,148.29	53,401.50	1,466.06	1,466.06
A1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
A1	Site Preparation	Off-Highway Trucks	28,026.99	150,611.05	4,014.48	4,014.48
A1	Site Preparation	Pressure Washer	19,065.22	5,084.14	874.67	872.91
A1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
A1	Site Preparation	Rollers	1,257.50	7,340.41	201.52	201.52
A1	Site Preparation	Skid-Steer Loaders	1,955.44	44,649.16	214.58	214.58
A1	Site Preparation	Pumps	7,957.29	21,795.61	1,883.90	1,880.11
A1	Site Preparation	Plate Compactors	11,732.45	3,128.70	538.26	537.17
A1	Site Preparation	Pile Drivers	10,922.62	58,695.85	1,564.52	1,564.52
A1	Building Construction	Cranes	162,775.01	705,358.37	21,703.33	21,703.33
A1	Building Construction	Forklifts	72,818.13	425,062.78	11,669.48	11,669.48
A1	Building Construction	Generator Sets	41,236.34	240,709.71	6,608.34	6,608.34
A1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
A1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
A1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
A1	Building Construction	Excavators	0.00	0.00	0.00	0.00
A1	Building Construction	Cement and Mortar Mixers	46,577.61	291,867.57	11,344.92	11,344.92
A1	Building Construction	Concrete Pumps	27,490.89	160,473.14	4,405.56	4,405.56
A1	Building Construction	Welders	0.00	0.00	0.00	0.00
A1	Paving	Pavers	5,609.66	32,805.52	836.68	836.68
A1	Paving	Rollers	3,536.71	20,644.91	566.78	566.78
A1	Paving	Off-Highway Trucks	14,013.49	75,305.52	2,007.24	2,007.24
A1	Paving	Tractors/Loaders/Backhoes	4,288.26	25,031.95	687.22	687.22
A1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
A1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
B1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
B1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
B1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
B1	Site Preparation	Excavator	7,017.81	41,040.42	1,046.71	1,046.71
B1	Site Preparation	Water Trucks	18,030.49	96,892.01	2,582.62	2,582.62
B1	Site Preparation	Tractors/Loaders/Backhoes	4,414.00	25,765.93	707.37	707.37
B1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
B1	Site Preparation	Off-Highway Trucks	27,045.74	145,338.01	3,873.93	3,873.93
B1	Site Preparation	Pressure Washer	18,397.73	4,906.14	844.04	842.35
B1	Site Preparation	Pavers	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

B1	Site Preparation	Rollers	1,213.47	7,083.42	194.46	194.46
B1	Site Preparation	Skid-Steer Loaders	1,886.98	43,085.95	207.06	207.06
B1	Site Preparation	Pumps	7,678.70	21,032.52	1,817.94	1,814.28
B1	Site Preparation	Plate Compactors	7,547.79	2,012.77	346.27	345.58
B1	Site Preparation	Pile Drivers	10,540.21	56,640.85	1,509.74	1,509.74
B1	Building Construction	Cranes	131,083.92	568,030.32	17,477.86	17,477.86
B1	Building Construction	Forklifts	42,221.51	246,460.47	6,766.22	6,766.22
B1	Building Construction	Generator Sets	26,566.34	155,076.25	4,257.39	4,257.39
B1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
B1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
B1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
B1	Building Construction	Excavators	0.00	0.00	0.00	0.00
B1	Building Construction	Cement and Mortar Mixers	30,007.44	188,034.49	7,308.92	7,308.92
B1	Building Construction	Concrete Pumps	26,566.34	155,076.25	4,257.39	4,257.39
B1	Building Construction	Welders	0.00	0.00	0.00	0.00
B1	Paving	Pavers	1,443.54	8,441.86	215.30	215.30
B1	Paving	Rollers	910.10	5,312.56	145.85	145.85
B1	Paving	Off-Highway Trucks	9,015.25	48,446.00	1,291.31	1,291.31
B1	Paving	Tractors/Loaders/Backhoes	2,758.75	16,103.71	442.10	442.10
B1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
B1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
C1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
C1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
C1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
C1	Site Preparation	Excavator	14,513.02	84,872.71	2,164.62	2,164.62
C1	Site Preparation	Water Trucks	27,965.66	150,281.48	4,005.70	4,005.70
C1	Site Preparation	Tractors/Loaders/Backhoes	11,410.34	66,605.81	1,828.57	1,828.57
C1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
C1	Site Preparation	Off-Highway Trucks	37,287.55	200,375.31	5,340.93	5,340.93
C1	Site Preparation	Pressure Washer	25,364.67	6,764.02	1,163.67	1,161.33
C1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
C1	Site Preparation	Rollers	1,254.75	7,324.35	201.08	201.08
C1	Site Preparation	Skid-Steer Loaders	1,951.16	44,551.46	214.11	214.11
C1	Site Preparation	Pumps	13,233.13	36,246.53	3,132.96	3,126.66
C1	Site Preparation	Plate Compactors	11,706.77	3,121.85	537.08	536.00
C1	Site Preparation	Pile Drivers	10,898.72	58,567.41	1,561.09	1,561.09
C1	Building Construction	Cranes	162,432.86	703,875.74	21,657.72	21,657.72
C1	Building Construction	Forklifts	87,198.09	509,003.19	13,973.95	13,973.95
C1	Building Construction	Generator Sets	54,866.21	320,271.67	8,792.59	8,792.59
C1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
C1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
C1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
C1	Building Construction	Excavators	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

C1	Building Construction	Cement and Mortar Mixers	46,479.71	291,254.08	11,321.08	11,321.08
C1	Building Construction	Concrete Pumps	27,433.11	160,135.83	4,396.30	4,396.30
C1	Building Construction	Welders	0.00	0.00	0.00	0.00
C1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
C1	Paving	Off-Highway Trucks	9,321.89	50,093.83	1,335.23	1,335.23
C1	Paving	Pavers	3,731.59	21,822.49	556.57	556.57
C1	Paving	Rollers	2,352.65	13,733.16	377.02	377.02
C1	Paving	Tractors/Loaders/Backhoes	2,852.58	16,651.45	457.14	457.14
C1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
C2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
C2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
C2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
C2	Site Preparation	Excavator	9,080.58	53,103.61	1,354.37	1,354.37
C2	Site Preparation	Water Trucks	18,664.22	100,297.51	2,673.39	2,673.39
C2	Site Preparation	Tractors/Loaders/Backhoes	4,569.14	26,671.54	732.23	732.23
C2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
C2	Site Preparation	Off-Highway Trucks	27,996.32	150,446.26	4,010.09	4,010.09
C2	Site Preparation	Pressure Washer	25,392.49	6,771.43	1,164.95	1,162.60
C2	Site Preparation	Pavers	0.00	0.00	0.00	0.00
C2	Site Preparation	Rollers	1,256.12	7,332.38	201.30	201.30
C2	Site Preparation	Skid-Steer Loaders	1,953.30	44,600.31	214.34	214.34
C2	Site Preparation	Pumps	7,948.59	21,771.76	1,881.84	1,878.05
C2	Site Preparation	Plate Compactors	7,813.07	2,083.52	358.45	357.72
C2	Site Preparation	Pile Drivers	10,910.67	58,631.63	1,562.80	1,562.80
C2	Building Construction	Cranes	169,019.14	732,416.26	22,535.88	22,535.88
C2	Building Construction	Forklifts	45,366.88	264,821.04	7,270.28	7,270.28
C2	Building Construction	Generator Sets	28,545.45	166,628.97	4,574.56	4,574.56
C2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
C2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
C2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
C2	Building Construction	Excavators	0.00	0.00	0.00	0.00
C2	Building Construction	Cement and Mortar Mixers	32,242.90	202,042.50	7,853.41	7,853.41
C2	Building Construction	Concrete Pumps	28,545.45	166,628.97	4,574.56	4,574.56
C2	Building Construction	Welders	0.00	0.00	0.00	0.00
C2	Paving	Pavers	1,556.47	9,102.28	232.15	232.15
C2	Paving	Rollers	981.30	5,728.17	157.26	157.26
C2	Paving	Off-Highway Trucks	9,720.52	52,236.00	1,392.33	1,392.33
C2	Paving	Tractors/Loaders/Backhoes	2,974.57	17,363.52	476.69	476.69
C2	Paving	Concrete Saw	0.00	0.00	0.00	0.00
C2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
C3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
C3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
C3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

C3	Site Preparation	Excavator	2,900.22	16,960.58	432.57	432.57
C3	Site Preparation	Water Trucks	7,451.38	40,042.11	1,067.31	1,067.31
C3	Site Preparation	Tractors/Loaders/Backhoes	912.08	5,324.08	146.16	146.16
C3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
C3	Site Preparation	Off-Highway Trucks	14,902.75	80,084.21	2,134.61	2,134.61
C3	Site Preparation	Pressure Washer	5,068.76	1,351.69	232.54	232.07
C3	Site Preparation	Pavers	0.00	0.00	0.00	0.00
C3	Site Preparation	Rollers	501.49	2,927.33	80.37	80.37
C3	Site Preparation	Skid-Steer Loaders	779.82	17,805.93	85.57	85.57
C3	Site Preparation	Pumps	2,115.56	5,794.68	500.86	499.85
C3	Site Preparation	Plate Compactors	3,119.24	831.81	143.10	142.82
C3	Site Preparation	Pile Drivers	2,903.94	15,605.13	415.95	415.95
C3	Building Construction	Cranes	21,854.45	94,702.61	2,913.93	2,913.93
C3	Building Construction	Forklifts	11,732.02	68,483.58	1,880.12	1,880.12
C3	Building Construction	Generator Sets	11,072.92	64,636.19	1,774.49	1,774.49
C3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
C3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
C3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
C3	Building Construction	Excavators	0.00	0.00	0.00	0.00
C3	Building Construction	Cement and Mortar Mixers	12,507.18	78,373.27	3,046.38	3,046.38
C3	Building Construction	Concrete Pumps	16,609.38	96,954.28	2,661.74	2,661.74
C3	Building Construction	Welders	0.00	0.00	0.00	0.00
C3	Paving	Pavers	596.56	3,488.73	88.98	88.98
C3	Paving	Rollers	376.11	2,195.50	60.27	60.27
C3	Paving	Off-Highway Trucks	3,725.69	20,021.05	533.65	533.65
C3	Paving	Tractors/Loaders/Backhoes	1,140.10	6,655.10	182.71	182.71
C3	Paving	Concrete Saw	0.00	0.00	0.00	0.00
C3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D1	Site Preparation	Excavator	2,904.20	16,983.85	433.16	433.16
D1	Site Preparation	Water Trucks	7,461.60	40,097.03	1,068.77	1,068.77
D1	Site Preparation	Tractors/Loaders/Backhoes	913.33	5,331.39	146.37	146.37
D1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D1	Site Preparation	Off-Highway Trucks	7,461.60	40,097.03	1,068.77	1,068.77
D1	Site Preparation	Pressure Washer	5,075.72	1,353.55	232.86	232.39
D1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D1	Site Preparation	Rollers	502.17	2,931.35	80.48	80.48
D1	Site Preparation	Skid-Steer Loaders	780.89	17,830.35	85.69	85.69
D1	Site Preparation	Pumps	2,118.46	5,802.62	501.55	500.54
D1	Site Preparation	Plate Compactors	3,123.52	832.95	143.30	143.01
D1	Site Preparation	Pile Drivers	2,907.92	15,626.54	416.52	416.52

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

D1	Building Construction	Cranes	21,882.96	94,826.16	2,917.73	2,917.73
D1	Building Construction	Forklifts	11,747.33	68,572.92	1,882.57	1,882.57
D1	Building Construction	Generator Sets	11,087.37	64,720.51	1,776.81	1,776.81
D1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
D1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D1	Building Construction	Excavators	0.00	0.00	0.00	0.00
D1	Building Construction	Cement and Mortar Mixers	12,523.49	78,475.52	3,050.35	3,050.35
D1	Building Construction	Concrete Pumps	11,087.37	64,720.51	1,776.81	1,776.81
D1	Building Construction	Welders	0.00	0.00	0.00	0.00
D1	Paving	Pavers	597.38	3,493.51	89.10	89.10
D1	Paving	Rollers	376.63	2,198.51	60.36	60.36
D1	Paving	Off-Highway Trucks	3,730.80	20,048.52	534.39	534.39
D1	Paving	Tractors/Loaders/Backhoes	1,141.66	6,664.23	182.96	182.96
D1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D4	Site Preparation	Excavator	6,293.75	36,806.09	938.71	938.71
D4	Site Preparation	Water Trucks	16,170.20	86,895.21	2,316.16	2,316.16
D4	Site Preparation	Tractors/Loaders/Backhoes	2,968.94	17,330.66	475.79	475.79
D4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D4	Site Preparation	Off-Highway Trucks	24,255.30	130,342.82	3,474.24	3,474.24
D4	Site Preparation	Pressure Washer	16,499.55	4,399.95	756.96	755.44
D4	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D4	Site Preparation	Rollers	544.14	3,176.29	87.20	87.20
D4	Site Preparation	Skid-Steer Loaders	846.14	19,320.29	92.85	92.85
D4	Site Preparation	Pumps	2,295.48	6,287.50	543.46	542.37
D4	Site Preparation	Plate Compactors	3,384.52	902.55	155.27	154.96
D4	Site Preparation	Pile Drivers	9,452.73	50,796.95	1,353.97	1,353.97
D4	Building Construction	Cranes	70,866.58	307,088.50	9,448.88	9,448.88
D4	Building Construction	Forklifts	25,361.99	148,046.04	4,064.39	4,064.39
D4	Building Construction	Generator Sets	11,968.58	69,864.42	1,918.03	1,918.03
D4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
D4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D4	Building Construction	Excavators	0.00	0.00	0.00	0.00
D4	Building Construction	Cement and Mortar Mixers	40,556.54	254,137.97	9,878.37	9,878.37
D4	Building Construction	Concrete Pumps	11,968.58	69,864.42	1,918.03	1,918.03
D4	Building Construction	Welders	0.00	0.00	0.00	0.00
D4	Paving	Pavers	1,294.60	7,570.87	193.09	193.09
D4	Paving	Rollers	408.10	2,382.22	65.40	65.40

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

D4	Paving	Off-Highway Trucks	4,042.55	21,723.80	579.04	579.04
D4	Paving	Tractors/Loaders/Backhoes	1,237.06	7,221.11	198.25	198.25
D4	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Excavator	1,575.43	9,213.16	234.98	234.98
D5-D6	Site Preparation	Water Trucks	8,095.32	43,502.53	1,159.54	1,159.54
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	990.90	5,784.19	158.80	158.80
D5-D6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Off-Highway Trucks	8,095.32	43,502.53	1,159.54	1,159.54
D5-D6	Site Preparation	Pressure Washer	5,506.80	1,468.50	252.64	252.13
D5-D6	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Rollers	544.82	3,180.31	87.31	87.31
D5-D6	Site Preparation	Skid-Steer Loaders	847.21	19,344.71	92.97	92.97
D5-D6	Site Preparation	Pumps	2,298.39	6,295.45	544.15	543.05
D5-D6	Site Preparation	Plate Compactors	3,388.80	903.69	155.47	155.16
D5-D6	Site Preparation	Pile Drivers	3,154.89	16,953.72	451.90	451.90
D5-D6	Building Construction	Cranes	23,650.70	102,486.38	3,153.43	3,153.43
D5-D6	Building Construction	Forklifts	12,696.30	74,112.36	2,034.65	2,034.65
D5-D6	Building Construction	Generator Sets	11,983.02	69,948.75	1,920.34	1,920.34
D5-D6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Excavators	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Cement and Mortar Mixers	13,535.16	84,814.91	3,296.76	3,296.76
D5-D6	Building Construction	Concrete Pumps	11,983.02	69,948.75	1,920.34	1,920.34
D5-D6	Building Construction	Welders	0.00	0.00	0.00	0.00
D5-D6	Paving	Pavers	648.12	3,790.22	96.67	96.67
D5-D6	Paving	Rollers	408.62	2,385.23	65.48	65.48
D5-D6	Paving	Off-Highway Trucks	4,047.66	21,751.27	579.77	579.77
D5-D6	Paving	Tractors/Loaders/Backhoes	1,238.62	7,230.24	198.50	198.50
D5-D6	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D5-D6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D7	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D7	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D7	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D7	Site Preparation	Excavator	3,270.20	19,124.28	487.75	487.75
D7	Site Preparation	Water Trucks	8,401.96	45,150.36	1,203.47	1,203.47
D7	Site Preparation	Tractors/Loaders/Backhoes	2,056.86	12,006.57	329.62	329.62
D7	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D7	Site Preparation	Off-Highway Trucks	16,803.93	90,300.72	2,406.93	2,406.93

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D7	Site Preparation	Pressure Washer	11,430.79	3,048.26	524.42	523.36
D7	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D7	Site Preparation	Rollers	565.46	3,300.78	90.62	90.62
D7	Site Preparation	Skid-Steer Loaders	879.31	20,077.47	96.49	96.49
D7	Site Preparation	Pumps	4,770.89	13,067.83	1,129.51	1,127.24
D7	Site Preparation	Plate Compactors	3,517.17	937.93	161.36	161.03
D7	Site Preparation	Pile Drivers	6,548.79	35,191.82	938.02	938.02
D7	Building Construction	Cranes	49,012.13	212,385.89	6,534.95	6,534.95
D7	Building Construction	Forklifts	26,310.96	153,585.48	4,216.47	4,216.47
D7	Building Construction	Generator Sets	12,416.41	72,478.54	1,989.79	1,989.79
D7	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D7	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
D7	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D7	Building Construction	Excavators	0.00	0.00	0.00	0.00
D7	Building Construction	Cement and Mortar Mixers	14,024.68	87,882.35	3,416.00	3,416.00
D7	Building Construction	Concrete Pumps	12,416.41	72,478.54	1,989.79	1,989.79
D7	Building Construction	Welders	0.00	0.00	0.00	0.00
D7	Paving	Pavers	672.67	3,933.79	100.33	100.33
D7	Paving	Rollers	424.10	2,475.58	67.96	67.96
D7	Paving	Off-Highway Trucks	4,200.98	22,575.18	601.73	601.73
D7	Paving	Tractors/Loaders/Backhoes	1,285.54	7,504.11	206.01	206.01
D7	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D7	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Excavator (Small 150 HP)	17,936.57	104,893.74	2,675.24	2,675.24
D8-D13	Site Preparation	Water Trucks	16,180.42	86,950.14	2,317.62	2,317.62
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	1,980.54	11,561.07	317.39	317.39
D8-D13	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Pressure Washer	11,006.66	2,935.15	504.96	503.94
D8-D13	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Trench Roller (25 HP)	4,018.47	4,018.47	4,018.47	4,018.47
D8-D13	Site Preparation	Skid-Steer Loaders	5,080.07	115,995.00	557.45	557.45
D8-D13	Site Preparation	Pumps	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Plate Compactors	20,319.98	5,418.74	932.23	930.36
D8-D13	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Cranes (220 HP mobile crane)	60,431.50	324,745.98	8,655.98	8,655.98
D8-D13	Building Construction	Forklifts	74,409.95	434,354.75	11,924.58	11,924.58
D8-D13	Building Construction	Generator Sets	23,409.87	136,650.93	3,751.55	3,751.55
D8-D13	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00

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D8-D13	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Excavators	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Concrete Pumps	11,704.94	68,325.47	1,875.78	1,875.78
D8-D13	Building Construction	Welders	0.00	0.00	0.00	0.00
D8-D13	Paving	Pavers	1,295.42	7,575.66	193.21	193.21
D8-D13	Paving	Rollers	816.72	4,767.45	130.88	130.88
D8-D13	Paving	Off-Highway Trucks	8,090.21	43,475.07	1,158.81	1,158.81
D8-D13	Paving	Tractors/Loaders/Backhoes	2,475.68	14,451.34	396.74	396.74
D8-D13	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D8-D13	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Excavator	5,084.33	29,733.37	758.33	758.33
E1.1	Site Preparation	Water Trucks	13,062.91	70,197.27	1,871.08	1,871.08
E1.1	Site Preparation	Tractors/Loaders/Backhoes	2,398.42	14,000.37	384.36	384.36
E1.1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Off-Highway Trucks	19,594.36	105,295.91	2,806.62	2,806.62
E1.1	Site Preparation	Pressure Washer	13,328.97	3,554.45	611.50	610.27
E1.1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Rollers	439.57	2,565.93	70.44	70.44
E1.1	Site Preparation	Skid-Steer Loaders	683.55	15,607.67	75.01	75.01
E1.1	Site Preparation	Pumps	1,854.38	5,079.28	439.03	438.14
E1.1	Site Preparation	Plate Compactors	2,734.15	729.12	125.44	125.18
E1.1	Site Preparation	Pile Drivers	7,636.28	41,035.72	1,093.79	1,093.79
E1.1	Building Construction	Cranes	57,865.10	250,748.78	7,715.35	7,715.35
E1.1	Building Construction	Forklifts	20,708.97	120,884.91	3,318.72	3,318.72
E1.1	Building Construction	Generator Sets	9,772.77	57,046.81	1,566.14	1,566.14
E1.1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
E1.1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
E1.1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
E1.1	Building Construction	Excavators	0.00	0.00	0.00	0.00
E1.1	Building Construction	Cement and Mortar Mixers	33,115.87	207,512.78	8,066.04	8,066.04
E1.1	Building Construction	Concrete Pumps	14,659.16	85,570.21	2,349.21	2,349.21
E1.1	Building Construction	Welders	0.00	0.00	0.00	0.00
E1.1	Paving	Pavers	1,045.83	6,116.04	155.99	155.99
E1.1	Paving	Rollers	329.68	1,924.45	52.83	52.83
E1.1	Paving	Off-Highway Trucks	3,265.73	17,549.32	467.77	467.77
E1.1	Paving	Tractors/Loaders/Backhoes	999.34	5,833.49	160.15	160.15
E1.1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
E1.1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00

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E1.2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Excavator	13,096.73	76,590.17	1,953.38	1,953.38
E1.2	Site Preparation	Water Trucks	16,824.37	90,410.57	2,409.86	2,409.86
E1.2	Site Preparation	Tractors/Loaders/Backhoes	8,237.46	48,084.72	1,320.10	1,320.10
E1.2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Off-Highway Trucks	25,236.55	135,615.86	3,614.79	3,614.79
E1.2	Site Preparation	Pressure Washer	17,167.05	4,577.95	787.58	786.00
E1.2	Site Preparation	Pavers	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Rollers	1,132.30	6,609.58	181.46	181.46
E1.2	Site Preparation	Skid-Steer Loaders	1,760.75	40,203.79	193.21	193.21
E1.2	Site Preparation	Pumps	7,165.05	19,625.59	1,696.33	1,692.92
E1.2	Site Preparation	Plate Compactors	10,564.34	2,817.20	484.67	483.69
E1.2	Site Preparation	Pile Drivers	9,835.14	52,851.95	1,408.75	1,408.75
E1.2	Building Construction	Cranes	122,672.88	531,582.48	16,356.38	16,356.38
E1.2	Building Construction	Forklifts	52,683.13	307,528.34	8,442.75	8,442.75
E1.2	Building Construction	Generator Sets	37,292.56	217,688.60	5,976.33	5,976.33
E1.2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
E1.2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
E1.2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
E1.2	Building Construction	Excavators	0.00	0.00	0.00	0.00
E1.2	Building Construction	Cement and Mortar Mixers	42,123.00	263,953.80	10,259.91	10,259.91
E1.2	Building Construction	Concrete Pumps	24,861.70	145,125.73	3,984.22	3,984.22
E1.2	Building Construction	Welders	0.00	0.00	0.00	0.00
E1.2	Paving	Pavers	5,051.15	29,539.33	753.38	753.38
E1.2	Paving	Rollers	3,184.59	18,589.45	510.35	510.35
E1.2	Paving	Off-Highway Trucks	12,618.28	67,807.93	1,807.39	1,807.39
E1.2	Paving	Tractors/Loaders/Backhoes	3,861.31	22,539.71	618.80	618.80
E1.2	Paving	Concrete Saw	0.00	0.00	0.00	0.00
E1.2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Excavator	16,947.77	99,111.22	2,527.77	2,527.77
F1-F2	Site Preparation	Off-Highway Trucks	34,834.42	187,192.72	4,989.55	4,989.55
F1-F2	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Pile Drivers	13,575.60	72,952.39	1,944.52	1,944.52
F1-F2	Site Preparation	Plate Compactors	10,936.59	2,916.47	501.74	500.74
F1-F2	Site Preparation	Pressure Washer	23,695.95	6,319.02	1,087.11	1,084.93
F1-F2	Site Preparation	Pumps	12,362.53	33,861.89	2,926.84	2,920.96
F1-F2	Site Preparation	Rollers	1,172.20	6,842.49	187.85	187.85
F1-F2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Skid-Steer Loaders	1,822.79	41,620.44	200.02	200.02
F1-F2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00

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F1-F2	Site Preparation	Tractors/Loaders/Backhoes	10,659.66	62,223.85	1,708.27	1,708.27
F1-F2	Site Preparation	Water Trucks	26,125.81	140,394.54	3,742.16	3,742.16
F1-F2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Cement and Mortar Mixers	43,542.60	272,849.40	10,605.69	10,605.69
F1-F2	Building Construction	Concrete Pumps	25,699.58	150,016.67	4,118.49	4,118.49
F1-F2	Building Construction	Cranes	177,529.97	769,296.53	23,670.66	23,670.66
F1-F2	Building Construction	Excavators	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Forklifts	95,302.60	556,311.80	15,272.73	15,272.73
F1-F2	Building Construction	Generator Sets	51,399.15	300,033.33	8,236.98	8,236.98
F1-F2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Welders	0.00	0.00	0.00	0.00
F1-F2	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F1-F2	Paving	Off-Highway Trucks	17,417.21	93,596.36	2,494.78	2,494.78
F1-F2	Paving	Pavers	6,972.18	40,773.60	1,039.90	1,039.90
F1-F2	Paving	Rollers	4,395.74	25,659.32	704.44	704.44
F1-F2	Paving	Tractors/Loaders/Backhoes	5,329.83	31,111.92	854.13	854.13
F1-F2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F3	Site Preparation	Excavator	1,452.10	8,491.92	216.58	216.58
F3	Site Preparation	Off-Highway Trucks	7,461.60	40,097.03	1,068.77	1,068.77
F3	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F3	Site Preparation	Pile Drivers	2,907.92	15,626.54	416.52	416.52
F3	Site Preparation	Plate Compactors	3,123.52	832.95	143.30	143.01
F3	Site Preparation	Pressure Washer	5,075.72	1,353.55	232.86	232.39
F3	Site Preparation	Pumps	2,118.46	5,802.62	501.55	500.54
F3	Site Preparation	Rollers	502.17	2,931.35	80.48	80.48
F3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F3	Site Preparation	Skid-Steer Loaders	780.89	17,830.35	85.69	85.69
F3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
F3	Site Preparation	Tractors/Loaders/Backhoes	913.33	5,331.39	146.37	146.37
F3	Site Preparation	Water Trucks	7,461.60	40,097.03	1,068.77	1,068.77
F3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F3	Building Construction	Cement and Mortar Mixers	12,523.49	78,475.52	3,050.35	3,050.35
F3	Building Construction	Concrete Pumps	11,087.37	64,720.51	1,776.81	1,776.81
F3	Building Construction	Cranes	21,882.96	94,826.16	2,917.73	2,917.73
F3	Building Construction	Excavators	0.00	0.00	0.00	0.00
F3	Building Construction	Forklifts	11,747.33	68,572.92	1,882.57	1,882.57
F3	Building Construction	Generator Sets	11,087.37	64,720.51	1,776.81	1,776.81
F3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F3	Building Construction	Welders	0.00	0.00	0.00	0.00

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F3	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F3	Paving	Off-Highway Trucks	3,730.80	20,048.52	534.39	534.39
F3	Paving	Pavers	597.38	3,493.51	89.10	89.10
F3	Paving	Rollers	376.63	2,198.51	60.36	60.36
F3	Paving	Tractors/Loaders/Backhoes	1,141.66	6,664.23	182.96	182.96
F3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F4	Site Preparation	Excavator	3,389.55	19,822.24	505.55	505.55
F4	Site Preparation	Off-Highway Trucks	17,417.21	93,596.36	2,494.78	2,494.78
F4	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F4	Site Preparation	Pile Drivers	6,787.80	36,476.19	972.26	972.26
F4	Site Preparation	Plate Compactors	3,645.53	972.16	167.25	166.91
F4	Site Preparation	Pressure Washer	5,923.99	1,579.75	271.78	271.23
F4	Site Preparation	Pumps	2,472.51	6,772.38	585.37	584.19
F4	Site Preparation	Rollers	586.10	3,421.24	93.93	93.93
F4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F4	Site Preparation	Skid-Steer Loaders	911.40	20,810.22	100.01	100.01
F4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
F4	Site Preparation	Tractors/Loaders/Backhoes	1,065.97	6,222.38	170.83	170.83
F4	Site Preparation	Water Trucks	8,708.60	46,798.18	1,247.39	1,247.39
F4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F4	Building Construction	Cement and Mortar Mixers	14,514.20	90,949.80	3,535.23	3,535.23
F4	Building Construction	Concrete Pumps	12,849.79	75,008.33	2,059.25	2,059.25
F4	Building Construction	Cranes	50,722.85	219,799.01	6,763.05	6,763.05
F4	Building Construction	Excavators	0.00	0.00	0.00	0.00
F4	Building Construction	Forklifts	27,229.31	158,946.23	4,363.64	4,363.64
F4	Building Construction	Generator Sets	12,849.79	75,008.33	2,059.25	2,059.25
F4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F4	Building Construction	Welders	0.00	0.00	0.00	0.00
F4	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F4	Paving	Off-Highway Trucks	4,354.30	23,399.09	623.69	623.69
F4	Paving	Pavers	697.22	4,077.36	103.99	103.99
F4	Paving	Rollers	439.57	2,565.93	70.44	70.44
F4	Paving	Tractors/Loaders/Backhoes	1,332.46	7,777.98	213.53	213.53
F4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F5	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F5	Site Preparation	Excavator	1,997.13	11,679.30	297.87	297.87
F5	Site Preparation	Off-Highway Trucks	10,262.25	55,147.15	1,469.93	1,469.93
F5	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F5	Site Preparation	Pile Drivers	3,999.39	21,491.84	572.86	572.86
F5	Site Preparation	Plate Compactors	4,295.91	1,145.59	197.09	196.69

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

F5	Site Preparation	Pressure Washer	6,980.85	1,861.59	320.26	319.62
F5	Site Preparation	Pumps	2,913.61	7,980.60	689.80	688.41
F5	Site Preparation	Rollers	690.66	4,031.61	110.68	110.68
F5	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F5	Site Preparation	Skid-Steer Loaders	1,073.99	24,522.84	117.85	117.85
F5	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F5	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
F5	Site Preparation	Tractors/Loaders/Backhoes	1,256.14	7,332.48	201.30	201.30
F5	Site Preparation	Water Trucks	10,262.25	55,147.15	1,469.93	1,469.93
F5	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F5	Building Construction	Cement and Mortar Mixers	16,994.42	106,491.53	4,139.34	4,139.34
F5	Building Construction	Concrete Pumps	7,522.80	43,912.97	1,205.57	1,205.57
F5	Building Construction	Cranes	29,695.25	128,679.41	3,959.37	3,959.37
F5	Building Construction	Excavators	0.00	0.00	0.00	0.00
F5	Building Construction	Forklifts	15,941.16	93,053.68	2,554.65	2,554.65
F5	Building Construction	Generator Sets	15,045.59	87,825.95	2,411.13	2,411.13
F5	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F5	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F5	Building Construction	Welders	0.00	0.00	0.00	0.00
F5	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F5	Paving	Off-Highway Trucks	5,131.13	27,573.58	734.96	734.96
F5	Paving	Pavers	821.60	4,804.78	122.54	122.54
F5	Paving	Rollers	518.00	3,023.70	83.01	83.01
F5	Paving	Tractors/Loaders/Backhoes	1,570.17	9,165.60	251.63	251.63
F5	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F6	Site Preparation	Excavator	1,575.43	9,213.16	234.98	234.98
F6	Site Preparation	Off-Highway Trucks	8,095.32	43,502.53	1,159.54	1,159.54
F6	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F6	Site Preparation	Pile Drivers	3,154.89	16,953.72	451.90	451.90
F6	Site Preparation	Plate Compactors	3,388.80	903.69	155.47	155.16
F6	Site Preparation	Pressure Washer	5,506.80	1,468.50	252.64	252.13
F6	Site Preparation	Pumps	2,298.39	6,295.45	544.15	543.05
F6	Site Preparation	Rollers	544.82	3,180.31	87.31	87.31
F6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F6	Site Preparation	Skid-Steer Loaders	847.21	19,344.71	92.97	92.97
F6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
F6	Site Preparation	Tractors/Loaders/Backhoes	990.90	5,784.19	158.80	158.80
F6	Site Preparation	Water Trucks	8,095.32	43,502.53	1,159.54	1,159.54
F6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F6	Building Construction	Cement and Mortar Mixers	13,535.16	84,814.91	3,296.76	3,296.76
F6	Building Construction	Concrete Pumps	5,991.51	34,974.37	960.17	960.17

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

F6	Building Construction	Cranes	23,650.70	102,486.38	3,153.43	3,153.43
F6	Building Construction	Excavators	0.00	0.00	0.00	0.00
F6	Building Construction	Forklifts	12,696.30	74,112.36	2,034.65	2,034.65
F6	Building Construction	Generator Sets	11,983.02	69,948.75	1,920.34	1,920.34
F6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F6	Building Construction	Welders	0.00	0.00	0.00	0.00
F6	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F6	Paving	Off-Highway Trucks	4,047.66	21,751.27	579.77	579.77
F6	Paving	Pavers	648.12	3,790.22	96.67	96.67
F6	Paving	Rollers	408.62	2,385.23	65.48	65.48
F6	Paving	Tractors/Loaders/Backhoes	1,238.62	7,230.24	198.50	198.50
F6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
G1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
G1	Site Preparation	Excavator	3,262.25	19,077.75	486.57	486.57
G1	Site Preparation	Off-Highway Trucks	8,381.52	45,040.50	1,200.54	1,200.54
G1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
G1	Site Preparation	Pile Drivers	3,266.43	17,553.10	467.87	467.87
G1	Site Preparation	Plate Compactors	3,508.61	935.64	160.97	160.64
G1	Site Preparation	Pressure Washer	5,701.49	1,520.42	261.57	261.04
G1	Site Preparation	Pumps	2,379.64	6,518.02	563.38	562.25
G1	Site Preparation	Rollers	564.09	3,292.75	90.40	90.40
G1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
G1	Site Preparation	Skid-Steer Loaders	877.17	20,028.62	96.25	96.25
G1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
G1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
G1	Site Preparation	Tractors/Loaders/Backhoes	2,051.86	11,977.36	328.82	328.82
G1	Site Preparation	Water Trucks	8,381.52	45,040.50	1,200.54	1,200.54
G1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
G1	Building Construction	Cement and Mortar Mixers	13,992.05	87,677.86	3,408.05	3,408.05
G1	Building Construction	Concrete Pumps	12,387.51	72,309.89	1,985.16	1,985.16
G1	Building Construction	Cranes	97,796.16	423,783.36	13,039.49	13,039.49
G1	Building Construction	Excavators	0.00	0.00	0.00	0.00
G1	Building Construction	Forklifts	26,249.73	153,228.10	4,206.66	4,206.66
G1	Building Construction	Generator Sets	12,387.51	72,309.89	1,985.16	1,985.16
G1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
G1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
G1	Building Construction	Welders	0.00	0.00	0.00	0.00
G1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
G1	Paving	Off-Highway Trucks	4,190.76	22,520.25	600.27	600.27
G1	Paving	Pavers	671.03	3,924.22	100.08	100.08
G1	Paving	Rollers	423.06	2,469.56	67.80	67.80
G1	Paving	Tractors/Loaders/Backhoes	1,282.41	7,485.85	205.51	205.51

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

G1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
H1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
H1	Site Preparation	Excavator	3,270.20	19,124.28	487.75	487.75
H1	Site Preparation	Off-Highway Trucks	8,401.96	45,150.36	1,203.47	1,203.47
H1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
H1	Site Preparation	Pile Drivers	3,274.40	17,595.91	469.01	469.01
H1	Site Preparation	Plate Compactors	3,517.17	937.93	161.36	161.03
H1	Site Preparation	Pressure Washer	5,715.40	1,524.13	262.21	261.68
H1	Site Preparation	Pumps	2,385.45	6,533.91	564.76	563.62
H1	Site Preparation	Rollers	565.46	3,300.78	90.62	90.62
H1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
H1	Site Preparation	Skid-Steer Loaders	879.31	20,077.47	96.49	96.49
H1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
H1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
H1	Site Preparation	Tractors/Loaders/Backhoes	2,056.86	12,006.57	329.62	329.62
H1	Site Preparation	Water Trucks	8,401.96	45,150.36	1,203.47	1,203.47
H1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
H1	Building Construction	Cement and Mortar Mixers	14,024.68	87,882.35	3,416.00	3,416.00
H1	Building Construction	Concrete Pumps	6,208.20	36,239.27	994.90	994.90
H1	Building Construction	Cranes	49,012.13	212,385.89	6,534.95	6,534.95
H1	Building Construction	Excavators	0.00	0.00	0.00	0.00
H1	Building Construction	Forklifts	26,310.96	153,585.48	4,216.47	4,216.47
H1	Building Construction	Generator Sets	12,416.41	72,478.54	1,989.79	1,989.79
H1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
H1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
H1	Building Construction	Welders	0.00	0.00	0.00	0.00
H1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
H1	Paving	Off-Highway Trucks	4,200.98	22,575.18	601.73	601.73
H1	Paving	Pavers	672.67	3,933.79	100.33	100.33
H1	Paving	Rollers	424.10	2,475.58	67.96	67.96
H1	Paving	Tractors/Loaders/Backhoes	1,285.54	7,504.11	206.01	206.01
H1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
H2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
H2	Site Preparation	Excavator	1,390.43	8,131.31	207.38	207.38
H2	Site Preparation	Off-Highway Trucks	7,144.74	38,394.28	1,023.39	1,023.39
H2	Site Preparation	Pavers	0.00	0.00	0.00	0.00
H2	Site Preparation	Pile Drivers	2,784.43	14,962.95	398.83	398.83
H2	Site Preparation	Plate Compactors	2,990.88	797.58	137.21	136.94
H2	Site Preparation	Pressure Washer	4,860.17	1,296.07	222.97	222.52
H2	Site Preparation	Pumps	2,028.50	5,556.21	480.25	479.28
H2	Site Preparation	Rollers	480.85	2,806.86	77.06	77.06
H2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

H2	Site Preparation	Skid-Steer Loaders	747.73	17,073.17	82.05	82.05
H2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
H2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
H2	Site Preparation	Tractors/Loaders/Backhoes	874.54	5,104.98	140.15	140.15
H2	Site Preparation	Water Trucks	7,144.74	38,394.28	1,023.39	1,023.39
H2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
H2	Building Construction	Cement and Mortar Mixers	12,017.66	75,305.82	2,927.15	2,927.15
H2	Building Construction	Concrete Pumps	5,319.77	31,053.20	852.52	852.52
H2	Building Construction	Cranes	20,999.09	90,996.05	2,799.88	2,799.88
H2	Building Construction	Excavators	0.00	0.00	0.00	0.00
H2	Building Construction	Forklifts	11,272.84	65,803.20	1,806.53	1,806.53
H2	Building Construction	Generator Sets	10,639.54	62,106.39	1,705.04	1,705.04
H2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
H2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
H2	Building Construction	Welders	0.00	0.00	0.00	0.00
H2	Paving	Concrete Saw	0.00	0.00	0.00	0.00
H2	Paving	Off-Highway Trucks	3,572.37	19,197.14	511.69	511.69
H2	Paving	Pavers	572.01	3,345.16	85.32	85.32
H2	Paving	Rollers	360.64	2,105.15	57.79	57.79
H2	Paving	Tractors/Loaders/Backhoes	1,093.18	6,381.23	175.19	175.19
H2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
H3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
H3	Site Preparation	Excavator	7,025.77	41,086.95	1,047.90	1,047.90
H3	Site Preparation	Off-Highway Trucks	18,050.93	97,001.86	2,585.55	2,585.55
H3	Site Preparation	Pavers	0.00	0.00	0.00	0.00
H3	Site Preparation	Pile Drivers	7,034.78	37,803.38	1,007.63	1,007.63
H3	Site Preparation	Plate Compactors	7,556.35	2,015.06	346.67	345.97
H3	Site Preparation	Pressure Washer	18,418.59	4,911.70	845.00	843.30
H3	Site Preparation	Pumps	7,687.41	21,056.37	1,820.00	1,816.34
H3	Site Preparation	Rollers	607.42	3,545.72	97.34	97.34
H3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
H3	Site Preparation	Skid-Steer Loaders	944.56	21,567.40	103.65	103.65
H3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
H3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
H3	Site Preparation	Tractors/Loaders/Backhoes	4,419.00	25,795.14	708.17	708.17
H3	Site Preparation	Water Trucks	9,025.47	48,500.93	1,292.77	1,292.77
H3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
H3	Building Construction	Cement and Mortar Mixers	75,100.18	470,597.47	18,292.18	18,292.18
H3	Building Construction	Concrete Pumps	19,946.42	116,433.68	3,196.52	3,196.52
H3	Building Construction	Cranes	104,981.18	454,918.46	13,997.49	13,997.49
H3	Building Construction	Excavators	0.00	0.00	0.00	0.00
H3	Building Construction	Forklifts	56,356.57	328,971.34	9,031.43	9,031.43
H3	Building Construction	Generator Sets	39,892.85	232,867.35	6,393.04	6,393.04

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

H3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
H3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
H3	Building Construction	Welders	0.00	0.00	0.00	0.00
H3	Paving	Concrete Saw	0.00	0.00	0.00	0.00
H3	Paving	Off-Highway Trucks	9,025.47	48,500.93	1,292.77	1,292.77
H3	Paving	Pavers	1,445.17	8,451.43	215.55	215.55
H3	Paving	Rollers	911.13	5,318.59	146.01	146.01
H3	Paving	Tractors/Loaders/Backhoes	2,761.88	16,121.97	442.61	442.61
H3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
H4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
H4	Site Preparation	Excavator	2,784.84	16,285.88	415.36	415.36
H4	Site Preparation	Off-Highway Trucks	14,309.91	76,898.42	2,049.70	2,049.70
H4	Site Preparation	Pavers	0.00	0.00	0.00	0.00
H4	Site Preparation	Pile Drivers	5,576.83	29,968.70	798.80	798.80
H4	Site Preparation	Plate Compactors	2,995.15	798.72	137.41	137.13
H4	Site Preparation	Pressure Washer	4,867.13	1,297.92	223.29	222.84
H4	Site Preparation	Pumps	2,031.40	5,564.16	480.94	479.97
H4	Site Preparation	Rollers	481.54	2,810.88	77.17	77.17
H4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
H4	Site Preparation	Skid-Steer Loaders	748.80	17,097.60	82.17	82.17
H4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
H4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
H4	Site Preparation	Tractors/Loaders/Backhoes	875.79	5,112.29	140.35	140.35
H4	Site Preparation	Water Trucks	7,154.96	38,449.21	1,024.85	1,024.85
H4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
H4	Building Construction	Cement and Mortar Mixers	12,033.98	75,408.07	2,931.12	2,931.12
H4	Building Construction	Concrete Pumps	10,653.98	62,190.72	1,707.36	1,707.36
H4	Building Construction	Cranes	42,055.20	182,239.20	5,607.36	5,607.36
H4	Building Construction	Excavators	0.00	0.00	0.00	0.00
H4	Building Construction	Forklifts	22,576.30	131,785.10	3,617.97	3,617.97
H4	Building Construction	Generator Sets	10,653.98	62,190.72	1,707.36	1,707.36
H4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
H4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
H4	Building Construction	Welders	0.00	0.00	0.00	0.00
H4	Paving	Concrete Saw	0.00	0.00	0.00	0.00
H4	Paving	Off-Highway Trucks	3,577.48	19,224.60	512.42	512.42
H4	Paving	Pavers	572.83	3,349.94	85.44	85.44
H4	Paving	Rollers	361.15	2,108.16	57.88	57.88
H4	Paving	Tractors/Loaders/Backhoes	1,094.74	6,390.36	175.44	175.44
H4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

150 SM	Site Preparation	Excavator (Small 150 HP)	5,514.29	32,247.81	822.46	822.46
150 SM	Site Preparation	Water Trucks	7,461.60	40,097.03	1,068.77	1,068.77
150 SM	Site Preparation	Tractors/Loaders/Backhoes	913.33	5,331.39	146.37	146.37
150 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Pressure Washer	5,075.72	1,353.55	232.86	232.39
150 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Trench Roller (25 HP)	617.71	617.71	617.71	617.71
150 SM	Site Preparation	Skid-Steer Loaders	780.89	17,830.35	85.69	85.69
150 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Plate Compactors	3,123.52	832.95	143.30	143.01
150 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00
150 SM	Building Construction	Cranes (220 HP mobile crane)	14,310.76	76,902.97	2,049.82	2,049.82
150 SM	Building Construction	Forklifts	11,747.33	68,572.92	1,882.57	1,882.57
150 SM	Building Construction	Generator Sets	11,087.37	64,720.51	1,776.81	1,776.81
150 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
150 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
150 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
150 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00
150 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
150 SM	Building Construction	Concrete Pumps	2,771.84	16,180.13	444.20	444.20
150 SM	Building Construction	Welders	0.00	0.00	0.00	0.00
150 SM	Paving	Pavers	597.38	3,493.51	89.10	89.10
150 SM	Paving	Rollers	376.63	2,198.51	60.36	60.36
150 SM	Paving	Off-Highway Trucks	3,730.80	20,048.52	534.39	534.39
150 SM	Paving	Tractors/Loaders/Backhoes	1,141.66	6,664.23	182.96	182.96
150 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00
150 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Excavator (Small 150 HP)	4,826.90	28,227.88	719.93	719.93
40 SM	Site Preparation	Water Trucks	6,531.45	35,098.64	935.54	935.54
40 SM	Site Preparation	Tractors/Loaders/Backhoes	799.47	4,666.79	128.12	128.12
40 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Pressure Washer	4,442.99	1,184.82	203.83	203.42
40 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Trench Roller (25 HP)	540.70	540.70	540.70	540.70
40 SM	Site Preparation	Skid-Steer Loaders	683.55	15,607.67	75.01	75.01
40 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Plate Compactors	2,734.15	729.12	125.44	125.18

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

40 SM	Building Construction	Cranes (220 HP mobile crane)	12,613.98	67,784.84	1,806.78	1,806.78
40 SM	Building Construction	Forklifts	10,354.49	60,442.45	1,659.36	1,659.36
40 SM	Building Construction	Generator Sets	9,772.77	57,046.81	1,566.14	1,566.14
40 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
40 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
40 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
40 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00
40 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
40 SM	Building Construction	Concrete Pumps	2,443.19	14,261.70	391.53	391.53
40 SM	Building Construction	Welders	0.00	0.00	0.00	0.00
40 SM	Paving	Pavers	522.91	3,058.02	77.99	77.99
40 SM	Paving	Rollers	329.68	1,924.45	52.83	52.83
40 SM	Paving	Off-Highway Trucks	3,265.73	17,549.32	467.77	467.77
40 SM	Paving	Tractors/Loaders/Backhoes	999.34	5,833.49	160.15	160.15
40 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00
40 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
LTA B1-1	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
LTA B1-1	Paving	Cement and Mortar Mixers	203.97	1,278.10	49.68	49.68
LTA B1-1	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
LTA B1-1	Paving	Pressure Washer	434.56	115.89	19.94	19.90
LTA B1-2	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
LTA B1-2	Paving	Cement and Mortar Mixers	203.97	1,278.10	49.68	49.68
LTA B1-2	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
LTA B1-2	Paving	Pressure Washer	434.56	115.89	19.94	19.90
LTA B1-3	Paving	Pile Drivers	2,788.42	14,984.35	399.40	399.40
LTA B1-3	Paving	Generator Sets	1,011.23	5,902.85	162.05	162.05
LTA B1-3	Paving	Cranes (220 HP mobile crane)	1,577.14	8,475.19	225.90	225.90
LTA B1-3	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
LTA B1-4	Paving	Tractors/Loaders/Backhoes	312.78	1,825.82	50.13	50.13
LTA B1-4	Paving	Pavers	409.17	2,392.82	61.03	61.03
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
LTA B1-4	Paving	Generator Sets	361.15	2,108.16	57.88	57.88
LTA B1-4	Paving	Excavator (Small 150 HP)	629.49	3,681.26	93.89	93.89
LTA B1-4	Paving	Pavers	409.17	2,392.82	61.03	61.03
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
LTA B1-4	Paving	Generator Sets	361.15	2,108.16	57.88	57.88
Excavation	1	E - Excavators	89,403.59	480,435.79	12,805.83	12,805.83
Excavation	1	E - Rubber Tired Dozers	117,357.12	686,309.04	17,503.85	17,503.85
Excavation	1	E - Off-Highway Trucks	158,939.71	854,108.06	22,765.93	22,765.93
Excavation	1	E - Pressure Washers	42,891.54	11,437.92	1,967.76	1,963.80
Excavation	1	E - Pumps	109,907.58	641,565.79	17,613.26	17,613.26
Excavation	1	E - Bore/Drill Rigs	182,989.80	983,348.10	26,210.77	26,210.77
Excavation	1	E - Ground anchoring	44,963.21	241,622.68	6,440.36	6,440.36

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

Excavation	1	⋮ - Mobile Concrete Pump - Tier 4 Diese	31,584.00	136,864.00	4,211.20	4,211.20
Excavation	1	E - Tractors/Loaders/Backhoes	40,430.29	236,004.56	6,479.16	6,479.16
Excavation	1	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	1	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	1	E - Generator Sets	65,944.55	384,939.48	10,567.96	10,567.96
Excavation	1	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	1	ER- Graders	53,446.96	287,212.57	7,655.54	7,655.54
Excavation	1	ER -Rubber Tired Dozers	23,471.42	137,261.81	3,500.77	3,500.77
Excavation	1	ER -Excavators	18,821.81	101,144.38	2,695.97	2,695.97
Excavation	1	ER -Trenchers	13,791.49	80,505.36	2,210.16	2,210.16
Excavation	1	ER - Off-Highway Trucks	52,979.90	284,702.69	7,588.64	7,588.64
Excavation	1	ER - Skid Steer Loaders	26,953.53	157,336.37	4,319.44	4,319.44
Excavation	1	ER - Pressure Washers	14,297.18	3,812.64	655.92	654.60
Excavation	1	ER - Plate Compactors	100,886.77	26,903.55	4,628.45	4,619.13
Excavation	2a	E - Excavators	20,085.70	107,936.28	2,877.00	2,877.00
Excavation	2a	E - Rubber Tired Dozers	26,365.84	154,188.44	3,932.47	3,932.47
Excavation	2a	E - Off-Highway Trucks	35,707.92	191,886.72	5,114.67	5,114.67
Excavation	2a	E - Pressure Washers	9,636.15	2,569.68	442.08	441.19
Excavation	2a	E - Pumps	24,692.20	144,136.28	3,957.05	3,957.05
Excavation	2a	E - Bore/Drill Rigs	41,111.09	220,922.21	5,888.60	5,888.60
Excavation	2a	E - Ground anchoring	10,101.58	54,283.74	1,446.91	1,446.91
Excavation	2a	⋮ - Mobile Concrete Pump - Tier 4 Diese	7,095.77	30,748.32	946.10	946.10
Excavation	2a	E - Tractors/Loaders/Backhoes	9,083.20	53,021.56	1,455.63	1,455.63
Excavation	2a	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	2a	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	2a	E - Generator Sets	14,815.32	86,481.77	2,374.23	2,374.23
Excavation	2a	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	2a	ER- Graders	31,215.30	167,744.36	4,471.16	4,471.16
Excavation	2a	ER -Rubber Tired Dozers	13,708.31	80,166.74	2,044.60	2,044.60
Excavation	2a	ER -Excavators	10,992.74	59,072.62	1,574.56	1,574.56
Excavation	2a	ER -Trenchers	8,054.82	47,018.56	1,290.83	1,290.83
Excavation	2a	ER - Off-Highway Trucks	30,942.52	166,278.48	4,432.09	4,432.09
Excavation	2a	ER - Skid Steer Loaders	15,742.01	91,891.14	2,522.74	2,522.74
Excavation	2a	ER - Pressure Washers	8,350.16	2,226.74	383.09	382.31
Excavation	2a	ER - Plate Compactors	58,922.17	15,712.82	2,703.21	2,697.77

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

Excavation	2b	E - Excavators	15,822.11	85,024.66	2,266.30	2,266.30
Excavation	2b	E - Rubber Tired Dozers	20,769.16	121,458.88	3,097.73	3,097.73
Excavation	2b	E - Off-Highway Trucks	28,128.20	151,154.95	4,028.98	4,028.98
Excavation	2b	E - Pressure Washers	7,590.69	2,024.21	348.24	347.54
Excavation	2b	E - Pumps	19,450.79	113,540.48	3,117.09	3,117.09
Excavation	2b	E - Bore/Drill Rigs	32,384.44	174,027.08	4,638.63	4,638.63
Excavation	2b	E - Ground anchoring	7,957.32	42,760.94	1,139.78	1,139.78
Excavation	2b	E - Mobile Concrete Pump - Tier 4 Diese	5,589.55	24,221.37	745.27	745.27
Excavation	2b	E - Tractors/Loaders/Backhoes	7,155.11	41,766.68	1,146.64	1,146.64
Excavation	2b	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	2b	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	2b	E - Generator Sets	11,670.47	68,124.29	1,870.25	1,870.25
Excavation	2b	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	2b	ER- Graders	17,853.56	95,941.22	2,557.28	2,557.28
Excavation	2b	ER -Rubber Tired Dozers	7,840.45	45,851.28	1,169.41	1,169.41
Excavation	2b	ER -Excavators	6,287.28	33,786.53	900.57	900.57
Excavation	2b	ER -Trenchers	4,606.95	26,892.22	738.29	738.29
Excavation	2b	ER - Off-Highway Trucks	17,697.54	95,102.81	2,534.93	2,534.93
Excavation	2b	ER - Skid Steer Loaders	9,003.62	52,557.04	1,442.88	1,442.88
Excavation	2b	ER - Pressure Washers	4,775.87	1,273.58	219.11	218.66
Excavation	2b	ER - Plate Compactors	33,700.47	8,986.93	1,546.10	1,542.99
Excavation	3	E - Excavators	33,241.51	178,632.79	4,761.39	4,761.39
Excavation	3	E - Rubber Tired Dozers	43,635.03	255,179.37	6,508.18	6,508.18
Excavation	3	E - Off-Highway Trucks	59,096.02	317,569.41	8,464.69	8,464.69
Excavation	3	E - Pressure Washers	15,947.68	4,252.78	731.64	730.17
Excavation	3	E - Pumps	40,865.19	238,543.20	6,548.86	6,548.86
Excavation	3	E - Bore/Drill Rigs	68,038.19	365,622.68	9,745.53	9,745.53
Excavation	3	E - Ground anchoring	16,717.95	89,838.72	2,394.62	2,394.62
Excavation	3	E - Mobile Concrete Pump - Tier 4 Diese	11,743.38	50,887.96	1,565.78	1,565.78
Excavation	3	E - Tractors/Loaders/Backhoes	15,032.55	87,749.82	2,409.04	2,409.04
Excavation	3	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	3	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	3	E - Generator Sets	24,519.11	143,125.92	3,929.31	3,929.31
Excavation	3	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	3	ER- Graders	36,901.15	198,298.89	5,285.58	5,285.58
Excavation	3	ER -Rubber Tired Dozers	16,205.27	94,769.06	2,417.02	2,417.02
Excavation	3	ER -Excavators	12,995.06	69,832.66	1,861.36	1,861.36
Excavation	3	ER -Trenchers	9,522.00	55,582.96	1,525.95	1,525.95
Excavation	3	ER - Off-Highway Trucks	36,578.68	196,566.00	5,239.39	5,239.39
Excavation	3	ER - Skid Steer Loaders	18,609.40	108,629.05	2,982.25	2,982.25
Excavation	3	ER - Pressure Washers	9,871.14	2,632.34	452.86	451.95
Excavation	3	ER - Plate Compactors	69,654.80	18,574.90	3,195.60	3,189.17

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

Block	Phase	Start Date
A1	Site Preparation	4/1/27
A1	Building Construction	6/13/2027
A1	Paving	7/13/2029
A1	Arc. Coating	9/6/2029
B1	Site Preparation	10/1/2026
B1	Building Construction	12/10/2026
B1	Paving	12/15/2028
B1	Arc. Coating	2/6/2029
C1	Site Preparation	9/1/2029
C1	Building Construction	11/12/2029
C1	Paving	11/12/2029
C1	Arc. Coating	2/5/2032
C2	Site Preparation	4/1/2029
C2	Building Construction	6/13/2029
C2	Paving	7/13/2031
C2	Arc. Coating	9/6/2031
C3	Site Preparation	1/1/2030
C3	Building Construction	2/28/2030
C3	Paving	11/3/2031
C3	Arc. Coating	12/17/2031
D1	Site Preparation	1/1/2029
D1	Building Construction	2/28/2029
D1	Paving	11/4/2030
D1	Arc. Coating	12/18/2030
D4	Site Preparation	4/1/2029
D4	Building Construction	6/3/2029
D4	Paving	3/28/2031
D4	Arc. Coating	5/14/2031
D5-D6	Site Preparation	10/1/2023
D5-D6	Building Construction	12/3/2023
D5-D6	Paving	9/26/2025
D5-D6	Arc. Coating	11/13/2025
D7	Site Preparation	7/1/2025
D7	Building Construction	9/4/2025
D7	Paving	7/24/2027
D7	Arc. Coating	9/11/2027
D8-D13	Site Preparation	6/1/2023
D8-D13	Building Construction	10/5/2023
D8-D13	Paving	4/24/2027
D8-D13	Arc. Coating	7/28/2027
E1.1	Site Preparation	1/1/2024

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

E1.1	Building Construction	2/21/2024
E1.1	Paving	8/15/2025
E1.1	Arc. Coating	9/22/2025
E1.2	Site Preparation	10/1/2023
E1.2	Building Construction	12/5/2023
E1.2	Paving	10/24/2025
E1.2	Arc. Coating	12/12/2025
F1-F2	Site Preparation	6/1/2024
F1-F2	Building Construction	8/8/2024
F1-F2	Paving	7/20/2026
F1-F2	Arc. Coating	9/9/2026
F3	Site Preparation	3/1/2025
F3	Building Construction	4/28/2025
F3	Paving	1/2/2027
F3	Arc. Coating	2/15/2027
F4	Site Preparation	6/1/2024
F4	Building Construction	8/8/2024
F4	Paving	7/20/2026
F4	Arc. Coating	9/9/2026
F5	Site Preparation	10/1/2022
F5	Building Construction	12/20/2022
F5	Paving	4/1/2025
F5	Arc. Coating	5/31/2025
F6	Site Preparation	7/1/2024
F6	Building Construction	9/2/2024
F6	Paving	6/27/2026
F6	Arc. Coating	8/14/2026
G1	Site Preparation	1/1/2025
G1	Building Construction	3/7/2025
G1	Paving	1/22/2027
G1	Arc. Coating	3/12/2027
H1	Site Preparation	7/1/2024
H1	Building Construction	9/4/2024
H1	Paving	7/24/2026
H1	Arc. Coating	9/11/2026
H2	Site Preparation	1/1/2029
H2	Building Construction	2/25/2029
H2	Paving	10/8/2030
H2	Arc. Coating	11/19/2030
H3	Site Preparation	7/1/2025
H3	Building Construction	9/9/2025
H3	Paving	9/16/2027
H3	Arc. Coating	11/8/2027

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

H4	Site Preparation		2/1/2027
H4	Building Construction		3/29/2027
H4	Paving		11/8/2028
H4	Arc. Coating		12/20/2028
150 SM	Site Preparation		10/1/2024
150 SM	Building Construction		11/28/2024
150 SM	Paving		8/4/2026
150 SM	Arc. Coating		9/17/2026
40 SM	Site Preparation		1/1/2024
40 SM	Building Construction		2/21/2024
40 SM	Paving		8/15/2025
40 SM	Arc. Coating		9/22/2025
LTA B1-1	Paving		7/1/2025
LTA B1-2	Paving		7/8/2025
LTA B1-3	Paving		7/15/2025
LTA B1-4	Paving		8/13/2025
LTA B1-4	Paving		8/24/2025
Excavation		1	7/1/2021
Excavation		2a	7/1/2025
Excavation		2b	1/1/2029
Excavation		3	1/1/2030

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

			Tons			
Block	**Phase**	**Equipment**	**ROG**	**Nox**	**PM10**	**PM2.5**
A1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
A1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
A1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
A1	Site Preparation	Excavator	0.02	0.09	0.00	0.00
A1	Site Preparation	Water Trucks	0.02	0.11	0.00	0.00
A1	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.06	0.00	0.00
A1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
A1	Site Preparation	Off-Highway Trucks	0.03	0.17	0.00	0.00
A1	Site Preparation	Pressure Washer	0.02	0.01	0.00	0.00
A1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
A1	Site Preparation	Rollers	0.00	0.01	0.00	0.00
A1	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00
A1	Site Preparation	Pumps	0.01	0.02	0.00	0.00
A1	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00
A1	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00
A1	Building Construction	Cranes	0.18	0.78	0.02	0.02
A1	Building Construction	Forklifts	0.08	0.47	0.01	0.01
A1	Building Construction	Generator Sets	0.05	0.27	0.01	0.01
A1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
A1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
A1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
A1	Building Construction	Excavators	0.00	0.00	0.00	0.00
A1	Building Construction	Cement and Mortar Mixers	0.05	0.32	0.01	0.01
A1	Building Construction	Concrete Pumps	0.03	0.18	0.00	0.00
A1	Building Construction	Welders	0.00	0.00	0.00	0.00
A1	Paving	Pavers	0.01	0.04	0.00	0.00
A1	Paving	Rollers	0.00	0.02	0.00	0.00
A1	Paving	Off-Highway Trucks	0.02	0.08	0.00	0.00
A1	Paving	Tractors/Loaders/Backhoes	0.00	0.03	0.00	0.00
A1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
A1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
B1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
B1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
B1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
B1	Site Preparation	Excavator	0.01	0.05	0.00	0.00
B1	Site Preparation	Water Trucks	0.02	0.11	0.00	0.00
B1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.03	0.00	0.00
B1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
B1	Site Preparation	Off-Highway Trucks	0.03	0.16	0.00	0.00
B1	Site Preparation	Pressure Washer	0.02	0.01	0.00	0.00
B1	Site Preparation	Pavers	0.00	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project
Criteria Pollutant - OffRoad Emissions

B1	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
B1	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00	
B1	Site Preparation	Pumps	0.01	0.02	0.00	0.00	
B1	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
B1	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
B1	Building Construction	Cranes	0.14	0.63	0.02	0.02	
B1	Building Construction	Forklifts	0.05	0.27	0.01	0.01	
B1	Building Construction	Generator Sets	0.03	0.17	0.00	0.00	
B1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
B1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
B1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
B1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
B1	Building Construction	Cement and Mortar Mixers	0.03	0.21	0.01	0.01	
B1	Building Construction	Concrete Pumps	0.03	0.17	0.00	0.00	
B1	Building Construction	Welders	0.00	0.00	0.00	0.00	
B1	Paving	Pavers	0.00	0.01	0.00	0.00	
B1	Paving	Rollers	0.00	0.01	0.00	0.00	
B1	Paving	Off-Highway Trucks	0.01	0.05	0.00	0.00	
B1	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
B1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
B1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
C1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
C1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
C1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
C1	Site Preparation	Excavator	0.02	0.09	0.00	0.00	
C1	Site Preparation	Water Trucks	0.03	0.17	0.00	0.00	
C1	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.07	0.00	0.00	
C1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
C1	Site Preparation	Off-Highway Trucks	0.04	0.22	0.01	0.01	
C1	Site Preparation	Pressure Washer	0.03	0.01	0.00	0.00	
C1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
C1	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
C1	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00	
C1	Site Preparation	Pumps	0.01	0.04	0.00	0.00	
C1	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
C1	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
C1	Building Construction	Cranes	0.18	0.78	0.02	0.02	
C1	Building Construction	Forklifts	0.10	0.56	0.02	0.02	
C1	Building Construction	Generator Sets	0.06	0.35	0.01	0.01	
C1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
C1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
C1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
C1	Building Construction	Excavators	0.00	0.00	0.00	0.00	

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C1	Building Construction	Cement and Mortar Mixers	0.05	0.32	0.01	0.01	
C1	Building Construction	Concrete Pumps	0.03	0.18	0.00	0.00	
C1	Building Construction	Welders	0.00	0.00	0.00	0.00	
C1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
C1	Paving	Off-Highway Trucks	0.01	0.06	0.00	0.00	
C1	Paving	Pavers	0.00	0.02	0.00	0.00	
C1	Paving	Rollers	0.00	0.02	0.00	0.00	
C1	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
C1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
C2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
C2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
C2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
C2	Site Preparation	Excavator	0.01	0.06	0.00	0.00	
C2	Site Preparation	Water Trucks	0.02	0.11	0.00	0.00	
C2	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.03	0.00	0.00	
C2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
C2	Site Preparation	Off-Highway Trucks	0.03	0.17	0.00	0.00	
C2	Site Preparation	Pressure Washer	0.03	0.01	0.00	0.00	
C2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
C2	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
C2	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00	
C2	Site Preparation	Pumps	0.01	0.02	0.00	0.00	
C2	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
C2	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
C2	Building Construction	Cranes	0.19	0.81	0.02	0.02	
C2	Building Construction	Forklifts	0.05	0.29	0.01	0.01	
C2	Building Construction	Generator Sets	0.03	0.18	0.01	0.01	
C2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
C2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
C2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
C2	Building Construction	Excavators	0.00	0.00	0.00	0.00	
C2	Building Construction	Cement and Mortar Mixers	0.04	0.22	0.01	0.01	
C2	Building Construction	Concrete Pumps	0.03	0.18	0.01	0.01	
C2	Building Construction	Welders	0.00	0.00	0.00	0.00	
C2	Paving	Pavers	0.00	0.01	0.00	0.00	
C2	Paving	Rollers	0.00	0.01	0.00	0.00	
C2	Paving	Off-Highway Trucks	0.01	0.06	0.00	0.00	
C2	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
C2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
C2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
C3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
C3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
C3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	

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C3	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
C3	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
C3	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
C3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
C3	Site Preparation	Off-Highway Trucks	0.02	0.09	0.00	0.00	
C3	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
C3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
C3	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
C3	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
C3	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
C3	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
C3	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
C3	Building Construction	Cranes	0.02	0.10	0.00	0.00	
C3	Building Construction	Forklifts	0.01	0.08	0.00	0.00	
C3	Building Construction	Generator Sets	0.01	0.07	0.00	0.00	
C3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
C3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
C3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
C3	Building Construction	Excavators	0.00	0.00	0.00	0.00	
C3	Building Construction	Cement and Mortar Mixers	0.01	0.09	0.00	0.00	
C3	Building Construction	Concrete Pumps	0.02	0.11	0.00	0.00	
C3	Building Construction	Welders	0.00	0.00	0.00	0.00	
C3	Paving	Pavers	0.00	0.00	0.00	0.00	
C3	Paving	Rollers	0.00	0.00	0.00	0.00	
C3	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
C3	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
C3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
C3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D1	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
D1	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
D1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D1	Site Preparation	Off-Highway Trucks	0.01	0.04	0.00	0.00	
D1	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
D1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D1	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
D1	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
D1	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
D1	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
D1	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	

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D1	Building Construction	Cranes	0.02	0.10	0.00	0.00	
D1	Building Construction	Forklifts	0.01	0.08	0.00	0.00	
D1	Building Construction	Generator Sets	0.01	0.07	0.00	0.00	
D1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D1	Building Construction	Cement and Mortar Mixers	0.01	0.09	0.00	0.00	
D1	Building Construction	Concrete Pumps	0.01	0.07	0.00	0.00	
D1	Building Construction	Welders	0.00	0.00	0.00	0.00	
D1	Paving	Pavers	0.00	0.00	0.00	0.00	
D1	Paving	Rollers	0.00	0.00	0.00	0.00	
D1	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
D1	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D4	Site Preparation	Excavator	0.01	0.04	0.00	0.00	
D4	Site Preparation	Water Trucks	0.02	0.10	0.00	0.00	
D4	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
D4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D4	Site Preparation	Off-Highway Trucks	0.03	0.14	0.00	0.00	
D4	Site Preparation	Pressure Washer	0.02	0.00	0.00	0.00	
D4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D4	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
D4	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
D4	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
D4	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
D4	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
D4	Building Construction	Cranes	0.08	0.34	0.01	0.01	
D4	Building Construction	Forklifts	0.03	0.16	0.00	0.00	
D4	Building Construction	Generator Sets	0.01	0.08	0.00	0.00	
D4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D4	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D4	Building Construction	Cement and Mortar Mixers	0.04	0.28	0.01	0.01	
D4	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
D4	Building Construction	Welders	0.00	0.00	0.00	0.00	
D4	Paving	Pavers	0.00	0.01	0.00	0.00	
D4	Paving	Rollers	0.00	0.00	0.00	0.00	

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D4	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
D4	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
D5-D6	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D5-D6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Off-Highway Trucks	0.01	0.05	0.00	0.00	
D5-D6	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
D5-D6	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
D5-D6	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
D5-D6	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
D5-D6	Building Construction	Cranes	0.03	0.11	0.00	0.00	
D5-D6	Building Construction	Forklifts	0.01	0.08	0.00	0.00	
D5-D6	Building Construction	Generator Sets	0.01	0.08	0.00	0.00	
D5-D6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Cement and Mortar Mixers	0.01	0.09	0.00	0.00	
D5-D6	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
D5-D6	Building Construction	Welders	0.00	0.00	0.00	0.00	
D5-D6	Paving	Pavers	0.00	0.00	0.00	0.00	
D5-D6	Paving	Rollers	0.00	0.00	0.00	0.00	
D5-D6	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
D5-D6	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D5-D6	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D5-D6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D7	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D7	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D7	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D7	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
D7	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
D7	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D7	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D7	Site Preparation	Off-Highway Trucks	0.02	0.10	0.00	0.00	

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D7	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
D7	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D7	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
D7	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
D7	Site Preparation	Pumps	0.01	0.01	0.00	0.00	
D7	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
D7	Site Preparation	Pile Drivers	0.01	0.04	0.00	0.00	
D7	Building Construction	Cranes	0.05	0.23	0.01	0.01	
D7	Building Construction	Forklifts	0.03	0.17	0.00	0.00	
D7	Building Construction	Generator Sets	0.01	0.08	0.00	0.00	
D7	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D7	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D7	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D7	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D7	Building Construction	Cement and Mortar Mixers	0.02	0.10	0.00	0.00	
D7	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
D7	Building Construction	Welders	0.00	0.00	0.00	0.00	
D7	Paving	Pavers	0.00	0.00	0.00	0.00	
D7	Paving	Rollers	0.00	0.00	0.00	0.00	
D7	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
D7	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D7	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D7	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Excavator (Small 150 HP)	0.02	0.12	0.00	0.00	
D8-D13	Site Preparation	Water Trucks	0.02	0.10	0.00	0.00	
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D8-D13	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
D8-D13	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Trench Roller (25 HP)	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Skid-Steer Loaders	0.01	0.13	0.00	0.00	
D8-D13	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Plate Compactors	0.02	0.01	0.00	0.00	
D8-D13	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Cranes (220 HP mobile crane)	0.07	0.36	0.01	0.01	
D8-D13	Building Construction	Forklifts	0.08	0.48	0.01	0.01	
D8-D13	Building Construction	Generator Sets	0.03	0.15	0.00	0.00	
D8-D13	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	

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D8-D13	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
D8-D13	Building Construction	Welders	0.00	0.00	0.00	0.00	
D8-D13	Paving	Pavers	0.00	0.01	0.00	0.00	
D8-D13	Paving	Rollers	0.00	0.01	0.00	0.00	
D8-D13	Paving	Off-Highway Trucks	0.01	0.05	0.00	0.00	
D8-D13	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
D8-D13	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D8-D13	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Excavator	0.01	0.03	0.00	0.00	
E1.1	Site Preparation	Water Trucks	0.01	0.08	0.00	0.00	
E1.1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
E1.1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Off-Highway Trucks	0.02	0.12	0.00	0.00	
E1.1	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
E1.1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
E1.1	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
E1.1	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Pile Drivers	0.01	0.05	0.00	0.00	
E1.1	Building Construction	Cranes	0.06	0.28	0.01	0.01	
E1.1	Building Construction	Forklifts	0.02	0.13	0.00	0.00	
E1.1	Building Construction	Generator Sets	0.01	0.06	0.00	0.00	
E1.1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Cement and Mortar Mixers	0.04	0.23	0.01	0.01	
E1.1	Building Construction	Concrete Pumps	0.02	0.09	0.00	0.00	
E1.1	Building Construction	Welders	0.00	0.00	0.00	0.00	
E1.1	Paving	Pavers	0.00	0.01	0.00	0.00	
E1.1	Paving	Rollers	0.00	0.00	0.00	0.00	
E1.1	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
E1.1	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
E1.1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
E1.1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	

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E1.2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Excavator	0.01	0.08	0.00	0.00	
E1.2	Site Preparation	Water Trucks	0.02	0.10	0.00	0.00	
E1.2	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.05	0.00	0.00	
E1.2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Off-Highway Trucks	0.03	0.15	0.00	0.00	
E1.2	Site Preparation	Pressure Washer	0.02	0.01	0.00	0.00	
E1.2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
E1.2	Site Preparation	Skid-Steer Loaders	0.00	0.04	0.00	0.00	
E1.2	Site Preparation	Pumps	0.01	0.02	0.00	0.00	
E1.2	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
E1.2	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
E1.2	Building Construction	Cranes	0.14	0.59	0.02	0.02	
E1.2	Building Construction	Forklifts	0.06	0.34	0.01	0.01	
E1.2	Building Construction	Generator Sets	0.04	0.24	0.01	0.01	
E1.2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Excavators	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Cement and Mortar Mixers	0.05	0.29	0.01	0.01	
E1.2	Building Construction	Concrete Pumps	0.03	0.16	0.00	0.00	
E1.2	Building Construction	Welders	0.00	0.00	0.00	0.00	
E1.2	Paving	Pavers	0.01	0.03	0.00	0.00	
E1.2	Paving	Rollers	0.00	0.02	0.00	0.00	
E1.2	Paving	Off-Highway Trucks	0.01	0.07	0.00	0.00	
E1.2	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
E1.2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
E1.2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Excavator	0.02	0.11	0.00	0.00	
F1-F2	Site Preparation	Off-Highway Trucks	0.04	0.21	0.01	0.01	
F1-F2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Pile Drivers	0.01	0.08	0.00	0.00	
F1-F2	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
F1-F2	Site Preparation	Pressure Washer	0.03	0.01	0.00	0.00	
F1-F2	Site Preparation	Pumps	0.01	0.04	0.00	0.00	
F1-F2	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
F1-F2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00	
F1-F2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	

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F1-F2	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.07	0.00	0.00	
F1-F2	Site Preparation	Water Trucks	0.03	0.15	0.00	0.00	
F1-F2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Cement and Mortar Mixers	0.05	0.30	0.01	0.01	
F1-F2	Building Construction	Concrete Pumps	0.03	0.17	0.00	0.00	
F1-F2	Building Construction	Cranes	0.20	0.85	0.03	0.03	
F1-F2	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Forklifts	0.11	0.61	0.02	0.02	
F1-F2	Building Construction	Generator Sets	0.06	0.33	0.01	0.01	
F1-F2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Welders	0.00	0.00	0.00	0.00	
F1-F2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F1-F2	Paving	Off-Highway Trucks	0.02	0.10	0.00	0.00	
F1-F2	Paving	Pavers	0.01	0.04	0.00	0.00	
F1-F2	Paving	Rollers	0.00	0.03	0.00	0.00	
F1-F2	Paving	Tractors/Loaders/Backhoes	0.01	0.03	0.00	0.00	
F1-F2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F3	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
F3	Site Preparation	Off-Highway Trucks	0.01	0.04	0.00	0.00	
F3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F3	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
F3	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
F3	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
F3	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
F3	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
F3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F3	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
F3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
F3	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F3	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
F3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F3	Building Construction	Cement and Mortar Mixers	0.01	0.09	0.00	0.00	
F3	Building Construction	Concrete Pumps	0.01	0.07	0.00	0.00	
F3	Building Construction	Cranes	0.02	0.10	0.00	0.00	
F3	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F3	Building Construction	Forklifts	0.01	0.08	0.00	0.00	
F3	Building Construction	Generator Sets	0.01	0.07	0.00	0.00	
F3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F3	Building Construction	Welders	0.00	0.00	0.00	0.00	

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F3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F3	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
F3	Paving	Pavers	0.00	0.00	0.00	0.00	
F3	Paving	Rollers	0.00	0.00	0.00	0.00	
F3	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F4	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
F4	Site Preparation	Off-Highway Trucks	0.02	0.10	0.00	0.00	
F4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F4	Site Preparation	Pile Drivers	0.01	0.04	0.00	0.00	
F4	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
F4	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
F4	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
F4	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
F4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F4	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
F4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
F4	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F4	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
F4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F4	Building Construction	Cement and Mortar Mixers	0.02	0.10	0.00	0.00	
F4	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
F4	Building Construction	Cranes	0.06	0.24	0.01	0.01	
F4	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F4	Building Construction	Forklifts	0.03	0.18	0.00	0.00	
F4	Building Construction	Generator Sets	0.01	0.08	0.00	0.00	
F4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F4	Building Construction	Welders	0.00	0.00	0.00	0.00	
F4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F4	Paving	Off-Highway Trucks	0.00	0.03	0.00	0.00	
F4	Paving	Pavers	0.00	0.00	0.00	0.00	
F4	Paving	Rollers	0.00	0.00	0.00	0.00	
F4	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F5	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F5	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
F5	Site Preparation	Off-Highway Trucks	0.01	0.06	0.00	0.00	
F5	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F5	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
F5	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	

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F5	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
F5	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
F5	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
F5	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F5	Site Preparation	Skid-Steer Loaders	0.00	0.03	0.00	0.00	
F5	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F5	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
F5	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F5	Site Preparation	Water Trucks	0.01	0.06	0.00	0.00	
F5	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F5	Building Construction	Cement and Mortar Mixers	0.02	0.12	0.00	0.00	
F5	Building Construction	Concrete Pumps	0.01	0.05	0.00	0.00	
F5	Building Construction	Cranes	0.03	0.14	0.00	0.00	
F5	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F5	Building Construction	Forklifts	0.02	0.10	0.00	0.00	
F5	Building Construction	Generator Sets	0.02	0.10	0.00	0.00	
F5	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F5	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F5	Building Construction	Welders	0.00	0.00	0.00	0.00	
F5	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F5	Paving	Off-Highway Trucks	0.01	0.03	0.00	0.00	
F5	Paving	Pavers	0.00	0.01	0.00	0.00	
F5	Paving	Rollers	0.00	0.00	0.00	0.00	
F5	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F5	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F6	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
F6	Site Preparation	Off-Highway Trucks	0.01	0.05	0.00	0.00	
F6	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F6	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
F6	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
F6	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
F6	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
F6	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
F6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F6	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
F6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
F6	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F6	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
F6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F6	Building Construction	Cement and Mortar Mixers	0.01	0.09	0.00	0.00	
F6	Building Construction	Concrete Pumps	0.01	0.04	0.00	0.00	

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F6	Building Construction	Cranes	0.03	0.11	0.00	0.00	
F6	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F6	Building Construction	Forklifts	0.01	0.08	0.00	0.00	
F6	Building Construction	Generator Sets	0.01	0.08	0.00	0.00	
F6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F6	Building Construction	Welders	0.00	0.00	0.00	0.00	
F6	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F6	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
F6	Paving	Pavers	0.00	0.00	0.00	0.00	
F6	Paving	Rollers	0.00	0.00	0.00	0.00	
F6	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
G1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
G1	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
G1	Site Preparation	Off-Highway Trucks	0.01	0.05	0.00	0.00	
G1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
G1	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
G1	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
G1	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
G1	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
G1	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
G1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
G1	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
G1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
G1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
G1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
G1	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
G1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
G1	Building Construction	Cement and Mortar Mixers	0.02	0.10	0.00	0.00	
G1	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
G1	Building Construction	Cranes	0.11	0.47	0.01	0.01	
G1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
G1	Building Construction	Forklifts	0.03	0.17	0.00	0.00	
G1	Building Construction	Generator Sets	0.01	0.08	0.00	0.00	
G1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
G1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
G1	Building Construction	Welders	0.00	0.00	0.00	0.00	
G1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
G1	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
G1	Paving	Pavers	0.00	0.00	0.00	0.00	
G1	Paving	Rollers	0.00	0.00	0.00	0.00	
G1	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	

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G1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
H1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
H1	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
H1	Site Preparation	Off-Highway Trucks	0.01	0.05	0.00	0.00	
H1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
H1	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
H1	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
H1	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
H1	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
H1	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
H1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
H1	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
H1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
H1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
H1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H1	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
H1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
H1	Building Construction	Cement and Mortar Mixers	0.02	0.10	0.00	0.00	
H1	Building Construction	Concrete Pumps	0.01	0.04	0.00	0.00	
H1	Building Construction	Cranes	0.05	0.23	0.01	0.01	
H1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
H1	Building Construction	Forklifts	0.03	0.17	0.00	0.00	
H1	Building Construction	Generator Sets	0.01	0.08	0.00	0.00	
H1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
H1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
H1	Building Construction	Welders	0.00	0.00	0.00	0.00	
H1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
H1	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
H1	Paving	Pavers	0.00	0.00	0.00	0.00	
H1	Paving	Rollers	0.00	0.00	0.00	0.00	
H1	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
H2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
H2	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
H2	Site Preparation	Off-Highway Trucks	0.01	0.04	0.00	0.00	
H2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
H2	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
H2	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
H2	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
H2	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
H2	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
H2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	

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H2	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
H2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
H2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
H2	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H2	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
H2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
H2	Building Construction	Cement and Mortar Mixers	0.01	0.08	0.00	0.00	
H2	Building Construction	Concrete Pumps	0.01	0.03	0.00	0.00	
H2	Building Construction	Cranes	0.02	0.10	0.00	0.00	
H2	Building Construction	Excavators	0.00	0.00	0.00	0.00	
H2	Building Construction	Forklifts	0.01	0.07	0.00	0.00	
H2	Building Construction	Generator Sets	0.01	0.07	0.00	0.00	
H2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
H2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
H2	Building Construction	Welders	0.00	0.00	0.00	0.00	
H2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
H2	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
H2	Paving	Pavers	0.00	0.00	0.00	0.00	
H2	Paving	Rollers	0.00	0.00	0.00	0.00	
H2	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
H3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
H3	Site Preparation	Excavator	0.01	0.05	0.00	0.00	
H3	Site Preparation	Off-Highway Trucks	0.02	0.11	0.00	0.00	
H3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
H3	Site Preparation	Pile Drivers	0.01	0.04	0.00	0.00	
H3	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
H3	Site Preparation	Pressure Washer	0.02	0.01	0.00	0.00	
H3	Site Preparation	Pumps	0.01	0.02	0.00	0.00	
H3	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
H3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
H3	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
H3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
H3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
H3	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.03	0.00	0.00	
H3	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
H3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
H3	Building Construction	Cement and Mortar Mixers	0.08	0.52	0.020	0.02	
H3	Building Construction	Concrete Pumps	0.02	0.13	0.00	0.00	
H3	Building Construction	Cranes	0.12	0.50	0.02	0.02	
H3	Building Construction	Excavators	0.00	0.00	0.00	0.00	
H3	Building Construction	Forklifts	0.06	0.36	0.01	0.01	
H3	Building Construction	Generator Sets	0.04	0.26	0.01	0.01	

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H3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
H3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
H3	Building Construction	Welders	0.00	0.00	0.00	0.00	
H3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
H3	Paving	Off-Highway Trucks	0.01	0.05	0.00	0.00	
H3	Paving	Pavers	0.00	0.01	0.00	0.00	
H3	Paving	Rollers	0.00	0.01	0.00	0.00	
H3	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
H3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
H4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
H4	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
H4	Site Preparation	Off-Highway Trucks	0.02	0.08	0.00	0.00	
H4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
H4	Site Preparation	Pile Drivers	0.01	0.03	0.00	0.00	
H4	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
H4	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
H4	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
H4	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
H4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
H4	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
H4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
H4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
H4	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H4	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
H4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
H4	Building Construction	Cement and Mortar Mixers	0.01	0.08	0.00	0.00	
H4	Building Construction	Concrete Pumps	0.01	0.07	0.00	0.00	
H4	Building Construction	Cranes	0.05	0.20	0.01	0.01	
H4	Building Construction	Excavators	0.00	0.00	0.00	0.00	
H4	Building Construction	Forklifts	0.02	0.15	0.00	0.00	
H4	Building Construction	Generator Sets	0.01	0.07	0.00	0.00	
H4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
H4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
H4	Building Construction	Welders	0.00	0.00	0.00	0.00	
H4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
H4	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
H4	Paving	Pavers	0.00	0.00	0.00	0.00	
H4	Paving	Rollers	0.00	0.00	0.00	0.00	
H4	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	

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150 SM	Site Preparation	Excavator (Small 150 HP)	0.01	0.04	0.00	0.00	
150 SM	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
150 SM	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
150 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Pressure Washer	0.01	0.00	0.00	0.00	
150 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Trench Roller (25 HP)	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
150 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Cranes (220 HP mobile crane)	0.02	0.08	0.00	0.00	
150 SM	Building Construction	Forklifts	0.01	0.08	0.00	0.00	
150 SM	Building Construction	Generator Sets	0.01	0.07	0.00	0.00	
150 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Concrete Pumps	0.00	0.02	0.00	0.00	
150 SM	Building Construction	Welders	0.00	0.00	0.00	0.00	
150 SM	Paving	Pavers	0.00	0.00	0.00	0.00	
150 SM	Paving	Rollers	0.00	0.00	0.00	0.00	
150 SM	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
150 SM	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
150 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
150 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Excavator (Small 150 HP)	0.01	0.03	0.00	0.00	
40 SM	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
40 SM	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
40 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Trench Roller (25 HP)	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
40 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	

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40 SM	Building Construction	Cranes (220 HP mobile crane)	0.01	0.07	0.00	0.00	
40 SM	Building Construction	Forklifts	0.01	0.07	0.00	0.00	
40 SM	Building Construction	Generator Sets	0.01	0.06	0.00	0.00	
40 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Concrete Pumps	0.00	0.02	0.00	0.00	
40 SM	Building Construction	Welders	0.00	0.00	0.00	0.00	
40 SM	Paving	Pavers	0.00	0.00	0.00	0.00	
40 SM	Paving	Rollers	0.00	0.00	0.00	0.00	
40 SM	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
40 SM	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
40 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
40 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
LTA B1-1	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
LTA B1-1	Paving	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
LTA B1-1	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
LTA B1-1	Paving	Pressure Washer	0.00	0.00	0.00	0.00	
LTA B1-2	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
LTA B1-2	Paving	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
LTA B1-2	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
LTA B1-2	Paving	Pressure Washer	0.00	0.00	0.00	0.00	
LTA B1-3	Paving	Pile Drivers	0.00	0.02	0.00	0.00	
LTA B1-3	Paving	Generator Sets	0.00	0.01	0.00	0.00	
LTA B1-3	Paving	Cranes (220 HP mobile crane)	0.00	0.01	0.00	0.00	
LTA B1-3	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Pavers	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Generator Sets	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Excavator (Small 150 HP)	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Pavers	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Generator Sets	0.00	0.00	0.00	0.00	
Excavation	1	E - Excavators	0.10	0.53	0.01	0.01	
Excavation	1	E - Rubber Tired Dozers	0.13	0.76	0.02	0.02	
Excavation	1	E - Off-Highway Trucks	0.18	0.94	0.03	0.03	
Excavation	1	E - Pressure Washers	0.05	0.01	0.00	0.00	
Excavation	1	E - Pumps	0.12	0.71	0.02	0.02	
Excavation	1	E - Bore/Drill Rigs	0.20	1.08	0.03	0.03	
Excavation	1	E - Ground anchoring	0.05	0.27	0.01	0.01	

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Excavation	1	⋮ - Mobile Concrete Pump - Tier 4 Diese	0.03	0.15	0.00	0.00	
Excavation	1	E - Tractors/Loaders/Backhoes	0.04	0.26	0.01	0.01	
Excavation	1	E - Aerial Lifts	0.00	0.00	0.00	0.00	
Excavation	1	E - Air Compressors	0.00	0.00	0.00	0.00	
Excavation	1	E - Generator Sets	0.07	0.42	0.01	0.01	
Excavation	1	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
Excavation	1	ER- Graders	0.06	0.32	0.01	0.01	
Excavation	1	ER -Rubber Tired Dozers	0.03	0.15	0.00	0.00	
Excavation	1	ER -Excavators	0.02	0.11	0.00	0.00	
Excavation	1	ER -Trenchers	0.02	0.09	0.00	0.00	
Excavation	1	ER - Off-Highway Trucks	0.06	0.31	0.01	0.01	
Excavation	1	ER - Skid Steer Loaders	0.03	0.17	0.00	0.00	
Excavation	1	ER - Pressure Washers	0.02	0.00	0.00	0.00	
Excavation	1	ER - Plate Compactors	0.11	0.03	0.01	0.01	
Excavation	2a	E - Excavators	0.02	0.12	0.00	0.00	
Excavation	2a	E - Rubber Tired Dozers	0.03	0.17	0.00	0.00	
Excavation	2a	E - Off-Highway Trucks	0.04	0.21	0.01	0.01	
Excavation	2a	E - Pressure Washers	0.01	0.00	0.00	0.00	
Excavation	2a	E - Pumps	0.03	0.16	0.00	0.00	
Excavation	2a	E - Bore/Drill Rigs	0.05	0.24	0.01	0.01	
Excavation	2a	E - Ground anchoring	0.01	0.06	0.00	0.00	
Excavation	2a	⋮ - Mobile Concrete Pump - Tier 4 Diese	0.01	0.03	0.00	0.00	
Excavation	2a	E - Tractors/Loaders/Backhoes	0.01	0.06	0.00	0.00	
Excavation	2a	E - Aerial Lifts	0.00	0.00	0.00	0.00	
Excavation	2a	E - Air Compressors	0.00	0.00	0.00	0.00	
Excavation	2a	E - Generator Sets	0.02	0.10	0.00	0.00	
Excavation	2a	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
Excavation	2a	ER- Graders	0.03	0.18	0.00	0.00	
Excavation	2a	ER -Rubber Tired Dozers	0.02	0.09	0.00	0.00	
Excavation	2a	ER -Excavators	0.01	0.07	0.00	0.00	
Excavation	2a	ER -Trenchers	0.01	0.05	0.00	0.00	
Excavation	2a	ER - Off-Highway Trucks	0.03	0.18	0.00	0.00	
Excavation	2a	ER - Skid Steer Loaders	0.02	0.10	0.00	0.00	
Excavation	2a	ER - Pressure Washers	0.01	0.00	0.00	0.00	
Excavation	2a	ER - Plate Compactors	0.06	0.02	0.00	0.00	

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Excavation	2b	E - Excavators	0.02	0.09	0.00	0.00
Excavation	2b	E - Rubber Tired Dozers	0.02	0.13	0.00	0.00
Excavation	2b	E - Off-Highway Trucks	0.03	0.17	0.00	0.00
Excavation	2b	E - Pressure Washers	0.01	0.00	0.00	0.00
Excavation	2b	E - Pumps	0.02	0.13	0.00	0.00
Excavation	2b	E - Bore/Drill Rigs	0.04	0.19	0.01	0.01
Excavation	2b	E - Ground anchoring	0.01	0.05	0.00	0.00
Excavation	2b	⋮ - Mobile Concrete Pump - Tier 4 Diese	0.01	0.03	0.00	0.00
Excavation	2b	E - Tractors/Loaders/Backhoes	0.01	0.05	0.00	0.00
Excavation	2b	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	2b	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	2b	E - Generator Sets	0.01	0.08	0.00	0.00
Excavation	2b	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	2b	ER- Graders	0.02	0.11	0.00	0.00
Excavation	2b	ER -Rubber Tired Dozers	0.01	0.05	0.00	0.00
Excavation	2b	ER -Excavators	0.01	0.04	0.00	0.00
Excavation	2b	ER -Trenchers	0.01	0.03	0.00	0.00
Excavation	2b	ER - Off-Highway Trucks	0.02	0.10	0.00	0.00
Excavation	2b	ER - Skid Steer Loaders	0.01	0.06	0.00	0.00
Excavation	2b	ER - Pressure Washers	0.01	0.00	0.00	0.00
Excavation	2b	ER - Plate Compactors	0.04	0.01	0.00	0.00
Excavation	3	E - Excavators	0.04	0.20	0.01	0.01
Excavation	3	E - Rubber Tired Dozers	0.05	0.28	0.01	0.01
Excavation	3	E - Off-Highway Trucks	0.07	0.35	0.01	0.01
Excavation	3	E - Pressure Washers	0.02	0.00	0.00	0.00
Excavation	3	E - Pumps	0.05	0.26	0.01	0.01
Excavation	3	E - Bore/Drill Rigs	0.07	0.40	0.01	0.01
Excavation	3	E - Ground anchoring	0.02	0.10	0.00	0.00
Excavation	3	⋮ - Mobile Concrete Pump - Tier 4 Diese	0.01	0.06	0.00	0.00
Excavation	3	E - Tractors/Loaders/Backhoes	0.02	0.10	0.00	0.00
Excavation	3	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	3	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	3	E - Generator Sets	0.03	0.16	0.00	0.00
Excavation	3	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	3	ER- Graders	0.04	0.22	0.01	0.01
Excavation	3	ER -Rubber Tired Dozers	0.02	0.10	0.00	0.00
Excavation	3	ER -Excavators	0.01	0.08	0.00	0.00
Excavation	3	ER -Trenchers	0.01	0.06	0.00	0.00
Excavation	3	ER - Off-Highway Trucks	0.04	0.22	0.01	0.01
Excavation	3	ER - Skid Steer Loaders	0.02	0.12	0.00	0.00
Excavation	3	ER - Pressure Washers	0.01	0.00	0.00	0.00
Excavation	3	ER - Plate Compactors	0.08	0.02	0.00	0.00

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			MT/Phase		
Block	**Phase**	**Start Date**	**CO2**	**CH4**	**CO2e**
A1	Site Preparation	4/1/27	731.99	0.20	737
A1	Building Construction	6/13/2027	2,662.94	0.58	2,677
A1	Paving	7/13/2029	229.35	0.06	231
A1	Arc. Coating	9/6/2029	0.00	0.00	0
B1	Site Preparation	10/1/2026	609.42	0.16	614
B1	Building Construction	12/10/2026	1,983.13	0.43	1,994
B1	Paving	12/15/2028	118.05	0.03	119
B1	Arc. Coating	2/6/2029	0.00	0.00	0
C1	Site Preparation	9/1/2029	922.30	0.25	929
C1	Building Construction	11/12/2029	2,901.01	0.62	2,917
C1	Paving	11/12/2029	152.57	0.04	154
C1	Arc. Coating	2/5/2032	0.00	0.00	0
C2	Site Preparation	4/1/2029	648.29	0.18	653
C2	Building Construction	6/13/2029	2,373.50	0.52	2,387
C2	Paving	7/13/2031	127.28	0.03	128
C2	Arc. Coating	9/6/2031	0.00	0.00	0
C3	Site Preparation	1/1/2030	259.62	0.07	261
C3	Building Construction	2/28/2030	546.24	0.10	549
C3	Paving	11/3/2031	48.78	0.01	49
C3	Arc. Coating	12/17/2031	0.00	0.00	0
D1	Site Preparation	1/1/2029	197.46	0.05	199
D1	Building Construction	2/28/2029	496.70	0.09	499
D1	Paving	11/4/2030	48.85	0.01	49
D1	Arc. Coating	12/18/2030	0.00	0.00	0
D4	Site Preparation	4/1/2029	516.37	0.13	520
D4	Building Construction	6/3/2029	1,070.48	0.24	1,076
D4	Paving	3/28/2031	58.39	0.01	59
D4	Arc. Coating	5/14/2031	0.00	0.00	0
D5-D6	Site Preparation	10/1/2023	200.96	0.05	202
D5-D6	Building Construction	12/3/2023	536.83	0.10	539
D5-D6	Paving	9/26/2025	53.00	0.01	53
D5-D6	Arc. Coating	11/13/2025	0.00	0.00	0
D7	Site Preparation	7/1/2025	337.10	0.09	339
D7	Building Construction	9/4/2025	875.34	0.19	880
D7	Paving	7/24/2027	55.01	0.01	55
D7	Arc. Coating	9/11/2027	0.00	0.00	0
D8-D13	Site Preparation	6/1/2023	353.69	0.09	356
D8-D13	Building Construction	10/5/2023	1,434.66	0.32	1,443
D8-D13	Paving	4/24/2027	105.93	0.03	107
D8-D13	Arc. Coating	7/28/2027	0.00	0.00	0
E1.1	Site Preparation	1/1/2024	417.14	0.11	420

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E1.1	Building Construction	2/21/2024	918.37	0.20	923
E1.1	Paving	8/15/2025	47.17	0.01	47
E1.1	Arc. Coating	9/22/2025	0.00	0.00	0
E1.2	Site Preparation	10/1/2023	659.11	0.18	664
E1.2	Building Construction	12/5/2023	2,088.79	0.44	2,100
E1.2	Paving	10/24/2025	206.51	0.05	208
E1.2	Arc. Coating	12/12/2025	0.00	0.00	0
F1-F2	Site Preparation	6/1/2024	918.48	0.25	925
F1-F2	Building Construction	8/8/2024	3,047.93	0.67	3,065
F1-F2	Paving	7/20/2026	285.06	0.07	287
F1-F2	Arc. Coating	9/9/2026	0.00	0.00	0
F3	Site Preparation	3/1/2025	185.22	0.05	186
F3	Building Construction	4/28/2025	496.70	0.09	499
F3	Paving	1/2/2027	48.85	0.01	49
F3	Arc. Coating	2/15/2027	0.00	0.00	0
F4	Site Preparation	6/1/2024	331.72	0.09	334
F4	Building Construction	8/8/2024	905.90	0.20	911
F4	Paving	7/20/2026	57.02	0.01	57
F4	Arc. Coating	9/9/2026	0.00	0.00	0
F5	Site Preparation	10/1/2022	254.75	0.07	256
F5	Building Construction	12/20/2022	605.84	0.12	609
F5	Paving	4/1/2025	67.19	0.02	68
F5	Arc. Coating	5/31/2025	0.00	0.00	0
F6	Site Preparation	7/1/2024	200.96	0.05	202
F6	Building Construction	9/2/2024	482.52	0.10	485
F6	Paving	6/27/2026	53.00	0.01	53
F6	Arc. Coating	8/14/2026	0.00	0.00	0
G1	Site Preparation	1/1/2025	230.29	0.06	232
G1	Building Construction	3/7/2025	1,294.47	0.29	1,302
G1	Paving	1/22/2027	54.87	0.01	55
G1	Arc. Coating	3/12/2027	0.00	0.00	0
H1	Site Preparation	7/1/2024	230.86	0.06	232
H1	Building Construction	9/4/2024	819.07	0.18	824
H1	Paving	7/24/2026	55.01	0.01	55
H1	Arc. Coating	9/11/2026	0.00	0.00	0
H2	Site Preparation	1/1/2029	177.36	0.05	179
H2	Building Construction	2/25/2029	428.42	0.09	431
H2	Paving	10/8/2030	46.78	0.01	47
H2	Arc. Coating	11/19/2030	0.00	0.00	0
H3	Site Preparation	7/1/2025	420.47	0.12	423
H3	Building Construction	9/9/2025	1,973.94	0.41	1,984
H3	Paving	9/16/2027	118.18	0.03	119
H3	Arc. Coating	11/8/2027	0.00	0.00	0

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H4	Site Preparation	2/1/2027	272.54	0.07	274
H4	Building Construction	3/29/2027	751.10	0.16	755
H4	Paving	11/8/2028	46.84	0.01	47
H4	Arc. Coating	12/20/2028	0.00	0.00	0
150 SM	Site Preparation	10/1/2024	125.46	0.03	126
150 SM	Building Construction	11/28/2024	341.75	0.07	343
150 SM	Paving	8/4/2026	48.85	0.01	49
150 SM	Arc. Coating	9/17/2026	0.00	0.00	0
40 SM	Site Preparation	1/1/2024	109.82	0.03	111
40 SM	Building Construction	2/21/2024	301.23	0.06	303
40 SM	Paving	8/15/2025	42.76	0.01	43
40 SM	Arc. Coating	9/22/2025	0.00	0.00	0
LTA B1-1	Paving	7/1/2025	0.32	0.00	0
LTA B1-2	Paving	7/8/2025	0.32	0.00	0
LTA B1-3	Paving	7/15/2025	45.61	0.01	46
LTA B1-4	Paving	8/13/2025	9.31	0.00	9
LTA B1-4	Paving	8/24/2025	12.02	0.00	12
Excavation	1	7/1/2021	8,887.05	1.95	8,936
Excavation	2a	7/1/2025	2,579.14	0.59	2,594
Excavation	2b	1/1/2029	1,827.38	0.41	1,838
Excavation	3	1/1/2030	3,820.79	0.86	3,842

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			grams		MT		
Block	**Phase**	**Equipment**	**CO2**	**CH4**	**CO2**	**CH4**	
A1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
A1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
A1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
A1	Site Preparation	Excavator	122,513,755.26	31,111.97	122.51	0.03	Excavator
A1	Site Preparation	Water Trucks	156,550,754.87	38,740.84	156.55	0.04	Water Trucks
A1	Site Preparation	Tractors/Loaders/Backhoes	75,754,616.86	20,154.89	75.75	0.02	Tractors/Loaders/Backhoes
A1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
A1	Site Preparation	Off-Highway Trucks	234,826,132.31	58,111.27	234.83	0.06	Off-Highway Trucks
A1	Site Preparation	Pressure Washer	6,485,054.68	4,147.02	6.49	0.00	Pressure Washer
A1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
A1	Site Preparation	Rollers	10,365,534.11	2,767.70	10.37	0.00	Rollers
A1	Site Preparation	Skid-Steer Loaders	8,400,945.36	2,199.87	8.40	0.00	Skid-Steer Loaders
A1	Site Preparation	Pumps	22,020,912.30	14,081.79	22.02	0.01	Pumps
A1	Site Preparation	Plate Compactors	3,990,802.88	2,552.01	3.99	0.00	Plate Compactors
A1	Site Preparation	Pile Drivers	91,083,241.03	22,671.11	91.08	0.02	Pile Drivers
A1	Building Construction	Cranes	1,401,988,246.81	353,665.70	1401.99	0.35	Cranes
A1	Building Construction	Forklifts	597,977,811.32	160,058.41	597.98	0.16	Forklifts
A1	Building Construction	Generator Sets	373,757,067.76	37,278.32	373.76	0.04	Generator Sets
A1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
A1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
A1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
A1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
A1	Building Construction	Cement and Mortar Mixers	40,045,400.12	4,157.46	40.05	0.00	Cement and Mortar Mixers
A1	Building Construction	Concrete Pumps	249,171,458.23	25,888.55	249.17	0.03	Concrete Pumps
A1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
A1	Paving	Pavers	47,273,343.23	12,090.94	47.27	0.01	Pavers
A1	Paving	Rollers	29,153,064.68	7,784.15	29.15	0.01	Rollers
A1	Paving	Off-Highway Trucks	117,413,066.15	29,055.63	117.41	0.03	Off-Highway Trucks
A1	Paving	Tractors/Loaders/Backhoes	35,509,976.65	9,447.60	35.51	0.01	Tractors/Loaders/Backhoes
A1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
A1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
B1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
B1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
B1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
B1	Site Preparation	Excavator	59,112,216.71	15,011.36	59.11	0.02	Excavator
B1	Site Preparation	Water Trucks	151,069,765.64	37,384.49	151.07	0.04	Water Trucks
B1	Site Preparation	Tractors/Loaders/Backhoes	36,551,188.22	9,724.62	36.55	0.01	Tractors/Loaders/Backhoes
B1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
B1	Site Preparation	Off-Highway Trucks	226,604,648.46	56,076.74	226.60	0.06	Off-Highway Trucks
B1	Site Preparation	Pressure Washer	6,258,006.81	4,001.83	6.26	0.00	Pressure Washer
B1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers

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B1	Site Preparation	Rollers	10,002,627.00	2,670.80	10.00	0.00	Rollers
B1	Site Preparation	Skid-Steer Loaders	8,106,820.36	2,122.85	8.11	0.00	Skid-Steer Loaders
B1	Site Preparation	Pumps	21,249,939.44	13,588.77	21.25	0.01	Pumps
B1	Site Preparation	Plate Compactors	2,567,387.41	1,641.78	2.57	0.00	Plate Compactors
B1	Site Preparation	Pile Drivers	87,894,331.06	21,877.38	87.89	0.02	Pile Drivers
B1	Building Construction	Cranes	1,129,031,522.99	284,809.61	1129.03	0.28	Cranes
B1	Building Construction	Forklifts	346,720,292.70	92,805.28	346.72	0.09	Forklifts
B1	Building Construction	Generator Sets	240,791,468.77	24,016.40	240.79	0.02	Generator Sets
B1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
B1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
B1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
B1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
B1	Building Construction	Cement and Mortar Mixers	25,799,085.94	2,678.42	25.80	0.00	Cement and Mortar Mixers
B1	Building Construction	Concrete Pumps	240,791,545.81	25,017.89	240.79	0.03	Concrete Pumps
B1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
B1	Paving	Pavers	12,164,869.07	3,111.37	12.16	0.00	Pavers
B1	Paving	Rollers	7,501,970.25	2,003.10	7.50	0.00	Rollers
B1	Paving	Off-Highway Trucks	75,534,882.82	18,692.25	75.53	0.02	Off-Highway Trucks
B1	Paving	Tractors/Loaders/Backhoes	22,844,492.64	6,077.89	22.84	0.01	Tractors/Loaders/Backhoes
B1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
B1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
C1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
C1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
C1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
C1	Site Preparation	Excavator	122,245,672.64	31,043.89	122.25	0.03	Excavator
C1	Site Preparation	Water Trucks	234,312,289.57	57,984.11	234.31	0.06	Water Trucks
C1	Site Preparation	Tractors/Loaders/Backhoes	94,486,064.79	25,138.48	94.49	0.03	Tractors/Loaders/Backhoes
C1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
C1	Site Preparation	Off-Highway Trucks	312,416,386.09	77,312.15	312.42	0.08	Off-Highway Trucks
C1	Site Preparation	Pressure Washer	8,627,818.91	5,517.26	8.63	0.01	Pressure Washer
C1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
C1	Site Preparation	Rollers	10,342,852.41	2,761.64	10.34	0.00	Rollers
C1	Site Preparation	Skid-Steer Loaders	8,382,562.55	2,195.05	8.38	0.00	Skid-Steer Loaders
C1	Site Preparation	Pumps	36,621,210.83	23,418.29	36.62	0.02	Pumps
C1	Site Preparation	Plate Compactors	3,982,070.27	2,546.43	3.98	0.00	Plate Compactors
C1	Site Preparation	Pile Drivers	90,883,934.16	22,621.50	90.88	0.02	Pile Drivers
C1	Building Construction	Cranes	1,399,041,345.61	352,922.31	1399.04	0.35	Cranes
C1	Building Construction	Forklifts	716,065,074.32	191,666.38	716.07	0.19	Forklifts
C1	Building Construction	Generator Sets	497,295,268.30	49,599.95	497.30	0.05	Generator Sets
C1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
C1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
C1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
C1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators

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C1	Building Construction	Cement and Mortar Mixers	39,961,226.92	4,148.72	39.96	0.00	Cement and Mortar Mixers
C1	Building Construction	Concrete Pumps	248,647,713.70	25,834.13	248.65	0.03	Concrete Pumps
C1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
C1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
C1	Paving	Off-Highway Trucks	78,104,096.52	19,328.04	78.10	0.02	Off-Highway Trucks
C1	Paving	Pavers	31,446,600.31	8,042.99	31.45	0.01	Pavers
C1	Paving	Rollers	19,392,848.27	5,178.08	19.39	0.01	Rollers
C1	Paving	Tractors/Loaders/Backhoes	23,621,516.20	6,284.62	23.62	0.01	Tractors/Loaders/Backhoes
C1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
C2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
C2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
C2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
C2	Site Preparation	Excavator	76,487,321.22	19,423.71	76.49	0.02	Excavator
C2	Site Preparation	Water Trucks	156,379,473.96	38,698.46	156.38	0.04	Water Trucks
C2	Site Preparation	Tractors/Loaders/Backhoes	37,835,867.17	10,066.42	37.84	0.01	Tractors/Loaders/Backhoes
C2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
C2	Site Preparation	Off-Highway Trucks	234,569,210.94	58,047.69	234.57	0.06	Off-Highway Trucks
C2	Site Preparation	Pressure Washer	8,637,279.24	5,523.31	8.64	0.01	Pressure Washer
C2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
C2	Site Preparation	Rollers	10,354,193.26	2,764.67	10.35	0.00	Rollers
C2	Site Preparation	Skid-Steer Loaders	8,391,753.95	2,197.46	8.39	0.00	Skid-Steer Loaders
C2	Site Preparation	Pumps	21,996,819.40	14,066.38	22.00	0.01	Pumps
C2	Site Preparation	Plate Compactors	2,657,624.38	1,699.48	2.66	0.00	Plate Compactors
C2	Site Preparation	Pile Drivers	90,983,587.60	22,646.31	90.98	0.02	Pile Drivers
C2	Building Construction	Cranes	1,455,769,193.75	367,232.49	1455.77	0.37	Cranes
C2	Building Construction	Forklifts	372,549,917.55	99,719.00	372.55	0.10	Forklifts
C2	Building Construction	Generator Sets	258,729,713.05	25,805.55	258.73	0.03	Generator Sets
C2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
C2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
C2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
C2	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
C2	Building Construction	Cement and Mortar Mixers	27,721,040.68	2,877.96	27.72	0.00	Cement and Mortar Mixers
C2	Building Construction	Concrete Pumps	258,729,795.83	26,881.65	258.73	0.03	Concrete Pumps
C2	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
C2	Paving	Pavers	13,116,542.50	3,354.77	13.12	0.00	Pavers
C2	Paving	Rollers	8,088,859.08	2,159.80	8.09	0.00	Rollers
C2	Paving	Off-Highway Trucks	81,444,074.33	20,154.56	81.44	0.02	Off-Highway Trucks
C2	Paving	Tractors/Loaders/Backhoes	24,631,646.82	6,553.37	24.63	0.01	Tractors/Loaders/Backhoes
C2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
C2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
C3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
C3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
C3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers

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C3	Site Preparation	Excavator	24,429,028.33	6,203.67	24.43	0.01	Excavator
C3	Site Preparation	Water Trucks	62,431,892.94	15,449.71	62.43	0.02	Water Trucks
C3	Site Preparation	Tractors/Loaders/Backhoes	7,552,668.99	2,009.42	7.55	0.00	Tractors/Loaders/Backhoes
C3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
C3	Site Preparation	Off-Highway Trucks	124,863,785.89	30,899.43	124.86	0.03	Off-Highway Trucks
C3	Site Preparation	Pressure Washer	1,724,144.73	1,102.54	1.72	0.00	Pressure Washer
C3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
C3	Site Preparation	Rollers	4,133,738.71	1,103.75	4.13	0.00	Rollers
C3	Site Preparation	Skid-Steer Loaders	3,350,267.60	877.30	3.35	0.00	Skid-Steer Loaders
C3	Site Preparation	Pumps	5,854,575.15	3,743.85	5.85	0.00	Pumps
C3	Site Preparation	Plate Compactors	1,061,012.14	678.49	1.06	0.00	Plate Compactors
C3	Site Preparation	Pile Drivers	24,215,785.09	6,027.44	24.22	0.01	Pile Drivers
C3	Building Construction	Cranes	188,233,314.27	47,483.76	188.23	0.05	Cranes
C3	Building Construction	Forklifts	96,342,615.32	25,787.66	96.34	0.03	Forklifts
C3	Building Construction	Generator Sets	100,362,512.68	10,010.10	100.36	0.01	Generator Sets
C3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
C3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
C3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
C3	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
C3	Building Construction	Cement and Mortar Mixers	10,753,126.36	1,116.37	10.75	0.00	Cement and Mortar Mixers
C3	Building Construction	Concrete Pumps	150,543,817.18	15,641.28	150.54	0.02	Concrete Pumps
C3	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
C3	Paving	Pavers	5,027,318.34	1,285.82	5.03	0.00	Pavers
C3	Paving	Rollers	3,100,304.03	827.81	3.10	0.00	Rollers
C3	Paving	Off-Highway Trucks	31,215,946.47	7,724.86	31.22	0.01	Off-Highway Trucks
C3	Paving	Tractors/Loaders/Backhoes	9,440,836.24	2,511.78	9.44	0.00	Tractors/Loaders/Backhoes
C3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
C3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D1	Site Preparation	Excavator	24,462,538.66	6,212.18	24.46	0.01	Excavator
D1	Site Preparation	Water Trucks	62,517,533.40	15,470.91	62.52	0.02	Water Trucks
D1	Site Preparation	Tractors/Loaders/Backhoes	7,563,029.31	2,012.18	7.56	0.00	Tractors/Loaders/Backhoes
D1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D1	Site Preparation	Off-Highway Trucks	62,517,533.40	15,470.91	62.52	0.02	Off-Highway Trucks
D1	Site Preparation	Pressure Washer	1,726,509.82	1,104.06	1.73	0.00	Pressure Washer
D1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D1	Site Preparation	Rollers	4,139,409.13	1,105.26	4.14	0.00	Rollers
D1	Site Preparation	Skid-Steer Loaders	3,354,863.30	878.50	3.35	0.00	Skid-Steer Loaders
D1	Site Preparation	Pumps	5,862,606.12	3,748.98	5.86	0.00	Pumps
D1	Site Preparation	Plate Compactors	1,062,467.58	679.42	1.06	0.00	Plate Compactors
D1	Site Preparation	Pile Drivers	24,249,002.90	6,035.71	24.25	0.01	Pile Drivers

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D1	Building Construction	Cranes	188,478,889.37	47,545.70	188.48	0.05	Cranes
D1	Building Construction	Forklifts	96,468,306.92	25,821.30	96.47	0.03	Forklifts
D1	Building Construction	Generator Sets	100,493,448.77	10,023.16	100.49	0.01	Generator Sets
D1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D1	Building Construction	Cement and Mortar Mixers	10,767,155.23	1,117.83	10.77	0.00	Cement and Mortar Mixers
D1	Building Construction	Concrete Pumps	100,493,480.92	10,441.13	100.49	0.01	Concrete Pumps
D1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D1	Paving	Pavers	5,034,214.52	1,287.58	5.03	0.00	Pavers
D1	Paving	Rollers	3,104,556.85	828.95	3.10	0.00	Rollers
D1	Paving	Off-Highway Trucks	31,258,766.70	7,735.45	31.26	0.01	Off-Highway Trucks
D1	Paving	Tractors/Loaders/Backhoes	9,453,786.64	2,515.23	9.45	0.00	Tractors/Loaders/Backhoes
D1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D4	Site Preparation	Excavator	53,013,337.21	13,462.57	53.01	0.01	Excavator
D4	Site Preparation	Water Trucks	135,483,202.52	33,527.36	135.48	0.03	Water Trucks
D4	Site Preparation	Tractors/Loaders/Backhoes	24,585,025.41	6,540.97	24.59	0.01	Tractors/Loaders/Backhoes
D4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D4	Site Preparation	Off-Highway Trucks	203,224,803.78	50,291.04	203.22	0.05	Off-Highway Trucks
D4	Site Preparation	Pressure Washer	5,612,339.44	3,588.94	5.61	0.00	Pressure Washer
D4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D4	Site Preparation	Rollers	4,485,304.97	1,197.62	4.49	0.00	Rollers
D4	Site Preparation	Skid-Steer Loaders	3,635,201.19	951.91	3.64	0.00	Skid-Steer Loaders
D4	Site Preparation	Pumps	6,352,495.12	4,062.25	6.35	0.00	Pumps
D4	Site Preparation	Plate Compactors	1,151,249.12	736.19	1.15	0.00	Plate Compactors
D4	Site Preparation	Pile Drivers	78,825,868.33	19,620.19	78.83	0.02	Pile Drivers
D4	Building Construction	Cranes	610,376,911.45	153,973.74	610.38	0.15	Cranes
D4	Building Construction	Forklifts	208,270,989.67	55,747.09	208.27	0.06	Forklifts
D4	Building Construction	Generator Sets	108,480,550.23	10,819.79	108.48	0.01	Generator Sets
D4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D4	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D4	Building Construction	Cement and Mortar Mixers	34,868,748.29	3,620.02	34.87	0.00	Cement and Mortar Mixers
D4	Building Construction	Concrete Pumps	108,480,584.94	11,270.97	108.48	0.01	Concrete Pumps
D4	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D4	Paving	Pavers	10,909,763.53	2,790.35	10.91	0.00	Pavers
D4	Paving	Rollers	3,363,978.72	898.21	3.36	0.00	Rollers

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D4	Paving	Off-Highway Trucks	33,870,800.63	8,381.84	33.87	0.01	Off-Highway Trucks
D4	Paving	Tractors/Loaders/Backhoes	10,243,760.59	2,725.40	10.24	0.00	Tractors/Loaders/Backhoes
D4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D5-D6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D5-D6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D5-D6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D5-D6	Site Preparation	Excavator	13,270,089.46	3,369.90	13.27	0.00	Excavator
D5-D6	Site Preparation	Water Trucks	67,827,241.72	16,784.87	67.83	0.02	Water Trucks
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	8,205,368.78	2,183.08	8.21	0.00	Tractors/Loaders/Backhoes
D5-D6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D5-D6	Site Preparation	Off-Highway Trucks	67,827,241.72	16,784.87	67.83	0.02	Off-Highway Trucks
D5-D6	Site Preparation	Pressure Washer	1,873,144.90	1,197.83	1.87	0.00	Pressure Washer
D5-D6	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D5-D6	Site Preparation	Rollers	4,490,975.39	1,199.13	4.49	0.00	Rollers
D5-D6	Site Preparation	Skid-Steer Loaders	3,639,796.90	953.12	3.64	0.00	Skid-Steer Loaders
D5-D6	Site Preparation	Pumps	6,360,526.09	4,067.39	6.36	0.00	Pumps
D5-D6	Site Preparation	Plate Compactors	1,152,704.55	737.12	1.15	0.00	Plate Compactors
D5-D6	Site Preparation	Pile Drivers	26,308,507.26	6,548.33	26.31	0.01	Pile Drivers
D5-D6	Building Construction	Cranes	203,704,545.58	51,386.53	203.70	0.05	Cranes
D5-D6	Building Construction	Forklifts	104,261,186.44	27,907.19	104.26	0.03	Forklifts
D5-D6	Building Construction	Generator Sets	108,611,486.32	10,832.85	108.61	0.01	Generator Sets
D5-D6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D5-D6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D5-D6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D5-D6	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D5-D6	Building Construction	Cement and Mortar Mixers	11,636,944.96	1,208.13	11.64	0.00	Cement and Mortar Mixers
D5-D6	Building Construction	Concrete Pumps	108,611,521.07	11,284.58	108.61	0.01	Concrete Pumps
D5-D6	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D5-D6	Paving	Pavers	5,461,777.95	1,396.94	5.46	0.00	Pavers
D5-D6	Paving	Rollers	3,368,231.54	899.35	3.37	0.00	Rollers
D5-D6	Paving	Off-Highway Trucks	33,913,620.86	8,392.44	33.91	0.01	Off-Highway Trucks
D5-D6	Paving	Tractors/Loaders/Backhoes	10,256,710.98	2,728.85	10.26	0.00	Tractors/Loaders/Backhoes
D5-D6	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D5-D6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D7	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D7	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D7	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D7	Site Preparation	Excavator	27,545,488.74	6,995.09	27.55	0.01	Excavator
D7	Site Preparation	Water Trucks	70,396,455.42	17,420.66	70.40	0.02	Water Trucks
D7	Site Preparation	Tractors/Loaders/Backhoes	17,032,356.42	4,531.54	17.03	0.00	Tractors/Loaders/Backhoes
D7	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D7	Site Preparation	Off-Highway Trucks	140,792,910.84	34,841.33	140.79	0.03	Off-Highway Trucks

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D7	Site Preparation	Pressure Washer	3,888,194.71	2,486.40	3.89	0.00	Pressure Washer
D7	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D7	Site Preparation	Rollers	4,661,088.09	1,244.55	4.66	0.00	Rollers
D7	Site Preparation	Skid-Steer Loaders	3,777,667.99	989.22	3.78	0.00	Skid-Steer Loaders
D7	Site Preparation	Pumps	13,202,910.22	8,442.91	13.20	0.01	Pumps
D7	Site Preparation	Plate Compactors	1,196,367.60	765.05	1.20	0.00	Plate Compactors
D7	Site Preparation	Pile Drivers	54,610,083.25	13,592.75	54.61	0.01	Pile Drivers
D7	Building Construction	Cranes	422,143,597.18	106,489.99	422.14	0.11	Cranes
D7	Building Construction	Forklifts	216,063,869.19	57,832.98	216.06	0.06	Forklifts
D7	Building Construction	Generator Sets	112,539,569.01	11,224.63	112.54	0.01	Generator Sets
D7	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D7	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D7	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D7	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D7	Building Construction	Cement and Mortar Mixers	12,057,810.97	1,251.82	12.06	0.00	Cement and Mortar Mixers
D7	Building Construction	Concrete Pumps	112,539,605.02	11,692.70	112.54	0.01	Concrete Pumps
D7	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D7	Paving	Pavers	5,668,663.48	1,449.85	5.67	0.00	Pavers
D7	Paving	Rollers	3,495,816.07	933.42	3.50	0.00	Rollers
D7	Paving	Off-Highway Trucks	35,198,227.71	8,710.33	35.20	0.01	Off-Highway Trucks
D7	Paving	Tractors/Loaders/Backhoes	10,645,222.76	2,832.21	10.65	0.00	Tractors/Loaders/Backhoes
D7	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D7	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D8-D13	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D8-D13	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D8-D13	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D8-D13	Site Preparation	Excavator (Small 150 HP)	151,082,793.60	38,366.99	151.08	0.04	Excavator (Small 150 HP)
D8-D13	Site Preparation	Water Trucks	135,568,842.98	33,548.55	135.57	0.03	Water Trucks
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	16,400,377.25	4,363.40	16.40	0.00	Tractors/Loaders/Backhoes
D8-D13	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D8-D13	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D8-D13	Site Preparation	Pressure Washer	3,743,924.71	2,394.14	3.74	0.00	Pressure Washer
D8-D13	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D8-D13	Site Preparation	Trench Roller (25 HP)	18,159,468.36	4,973.50	18.16	0.00	Trench Roller (25 HP)
D8-D13	Site Preparation	Skid-Steer Loaders	21,824,994.26	5,715.08	21.82	0.01	Skid-Steer Loaders
D8-D13	Site Preparation	Pumps	0.00	0.00	0.00	0.00	Pumps
D8-D13	Site Preparation	Plate Compactors	6,911,861.00	4,419.95	6.91	0.00	Plate Compactors
D8-D13	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	Pile Drivers
D8-D13	Building Construction	Cranes (220 HP mobile crane)	505,338,983.88	127,476.86	505.34	0.13	Cranes (220 HP mobile crane)
D8-D13	Building Construction	Forklifts	611,049,738.25	163,557.33	611.05	0.16	Forklifts
D8-D13	Building Construction	Generator Sets	212,181,933.20	21,162.91	212.18	0.02	Generator Sets
D8-D13	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D8-D13	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks

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D8-D13	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D8-D13	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D8-D13	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
D8-D13	Building Construction	Concrete Pumps	106,091,000.54	11,022.70	106.09	0.01	Concrete Pumps
D8-D13	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D8-D13	Paving	Pavers	10,916,659.71	2,792.12	10.92	0.00	Pavers
D8-D13	Paving	Rollers	6,732,210.27	1,797.56	6.73	0.00	Rollers
D8-D13	Paving	Off-Highway Trucks	67,784,421.49	16,774.28	67.78	0.02	Off-Highway Trucks
D8-D13	Paving	Tractors/Loaders/Backhoes	20,500,471.57	5,454.25	20.50	0.01	Tractors/Loaders/Backhoes
D8-D13	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D8-D13	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
E1.1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
E1.1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
E1.1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
E1.1	Site Preparation	Excavator	42,826,197.82	10,875.57	42.83	0.01	Excavator
E1.1	Site Preparation	Water Trucks	109,448,503.68	27,084.68	109.45	0.03	Water Trucks
E1.1	Site Preparation	Tractors/Loaders/Backhoes	19,860,722.17	5,284.04	19.86	0.01	Tractors/Loaders/Backhoes
E1.1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
E1.1	Site Preparation	Off-Highway Trucks	164,172,755.52	40,627.02	164.17	0.04	Off-Highway Trucks
E1.1	Site Preparation	Pressure Washer	4,533,862.08	2,899.28	4.53	0.00	Pressure Washer
E1.1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
E1.1	Site Preparation	Rollers	3,623,400.60	967.48	3.62	0.00	Rollers
E1.1	Site Preparation	Skid-Steer Loaders	2,936,654.31	768.99	2.94	0.00	Skid-Steer Loaders
E1.1	Site Preparation	Pumps	5,131,788.10	3,281.64	5.13	0.00	Pumps
E1.1	Site Preparation	Plate Compactors	930,022.99	594.72	0.93	0.00	Plate Compactors
E1.1	Site Preparation	Pile Drivers	63,678,545.97	15,849.94	63.68	0.02	Pile Drivers
E1.1	Building Construction	Cranes	498,394,665.77	125,725.09	498.39	0.13	Cranes
E1.1	Building Construction	Forklifts	170,060,741.72	45,519.50	170.06	0.05	Forklifts
E1.1	Building Construction	Generator Sets	88,578,264.61	8,834.75	88.58	0.01	Generator Sets
E1.1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
E1.1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
E1.1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
E1.1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
E1.1	Building Construction	Cement and Mortar Mixers	28,471,585.05	2,955.88	28.47	0.00	Cement and Mortar Mixers
E1.1	Building Construction	Concrete Pumps	132,867,439.43	13,804.73	132.87	0.01	Concrete Pumps
E1.1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
E1.1	Paving	Pavers	8,813,323.51	2,254.15	8.81	0.00	Pavers
E1.1	Paving	Rollers	2,717,550.45	725.61	2.72	0.00	Rollers
E1.1	Paving	Off-Highway Trucks	27,362,125.92	6,771.17	27.36	0.01	Off-Highway Trucks
E1.1	Paving	Tractors/Loaders/Backhoes	8,275,300.90	2,201.68	8.28	0.00	Tractors/Loaders/Backhoes
E1.1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
E1.1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
E1.2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws

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E1.2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
E1.2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
E1.2	Site Preparation	Excavator	110,315,996.26	28,014.39	110.32	0.03	Excavator
E1.2	Site Preparation	Water Trucks	140,964,191.75	34,883.71	140.96	0.03	Water Trucks
E1.2	Site Preparation	Tractors/Loaders/Backhoes	68,212,308.18	18,148.22	68.21	0.02	Tractors/Loaders/Backhoes
E1.2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
E1.2	Site Preparation	Off-Highway Trucks	211,446,287.63	52,325.57	211.45	0.05	Off-Highway Trucks
E1.2	Site Preparation	Pressure Washer	5,839,387.31	3,734.13	5.84	0.00	Pressure Washer
E1.2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
E1.2	Site Preparation	Rollers	9,333,517.04	2,492.14	9.33	0.00	Rollers
E1.2	Site Preparation	Skid-Steer Loaders	7,564,527.39	1,980.84	7.56	0.00	Skid-Steer Loaders
E1.2	Site Preparation	Pumps	19,828,458.23	12,679.77	19.83	0.01	Pumps
E1.2	Site Preparation	Plate Compactors	3,593,469.11	2,297.93	3.59	0.00	Plate Compactors
E1.2	Site Preparation	Pile Drivers	82,014,778.31	20,413.92	82.01	0.02	Pile Drivers
E1.2	Building Construction	Cranes	1,056,586,868.44	266,534.71	1056.59	0.27	Cranes
E1.2	Building Construction	Forklifts	432,630,504.79	115,800.54	432.63	0.12	Forklifts
E1.2	Building Construction	Generator Sets	338,011,515.30	33,713.08	338.01	0.03	Generator Sets
E1.2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
E1.2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
E1.2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
E1.2	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
E1.2	Building Construction	Cement and Mortar Mixers	36,215,519.50	3,759.84	36.22	0.00	Cement and Mortar Mixers
E1.2	Building Construction	Concrete Pumps	225,341,082.30	23,412.61	225.34	0.02	Concrete Pumps
E1.2	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
E1.2	Paving	Pavers	42,566,697.46	10,887.14	42.57	0.01	Pavers
E1.2	Paving	Rollers	26,250,516.66	7,009.14	26.25	0.01	Rollers
E1.2	Paving	Off-Highway Trucks	105,723,143.81	26,162.79	105.72	0.03	Off-Highway Trucks
E1.2	Paving	Tractors/Loaders/Backhoes	31,974,519.46	8,506.98	31.97	0.01	Tractors/Loaders/Backhoes
E1.2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
E1.2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F1-F2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F1-F2	Site Preparation	Excavator	142,753,992.73	36,251.91	142.75	0.04	Excavator
F1-F2	Site Preparation	Off-Highway Trucks	291,862,676.48	72,225.82	291.86	0.07	Off-Highway Trucks
F1-F2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F1-F2	Site Preparation	Pile Drivers	113,206,303.95	28,177.66	113.21	0.03	Pile Drivers
F1-F2	Site Preparation	Plate Compactors	3,720,091.96	2,378.90	3.72	0.00	Plate Compactors
F1-F2	Site Preparation	Pressure Washer	8,060,199.25	5,154.28	8.06	0.01	Pressure Washer
F1-F2	Site Preparation	Pumps	34,211,920.64	21,877.61	34.21	0.02	Pumps
F1-F2	Site Preparation	Rollers	9,662,401.60	2,579.95	9.66	0.00	Rollers
F1-F2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F1-F2	Site Preparation	Skid-Steer Loaders	7,831,078.17	2,050.64	7.83	0.00	Skid-Steer Loaders
F1-F2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F1-F2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers

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F1-F2	Site Preparation	Tractors/Loaders/Backhoes	88,269,876.32	23,484.63	88.27	0.02	Tractors/Loaders/Backhoes
F1-F2	Site Preparation	Water Trucks	218,897,007.36	54,169.37	218.90	0.05	Water Trucks
F1-F2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F1-F2	Building Construction	Cement and Mortar Mixers	37,436,030.90	3,886.56	37.44	0.00	Cement and Mortar Mixers
F1-F2	Building Construction	Concrete Pumps	232,935,377.92	24,201.65	232.94	0.02	Concrete Pumps
F1-F2	Building Construction	Cranes	1,529,073,361.15	385,724.20	1529.07	0.39	Cranes
F1-F2	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F1-F2	Building Construction	Forklifts	782,618,779.23	209,480.55	782.62	0.21	Forklifts
F1-F2	Building Construction	Generator Sets	465,870,606.80	46,465.67	465.87	0.05	Generator Sets
F1-F2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F1-F2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F1-F2	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
F1-F2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F1-F2	Paving	Off-Highway Trucks	145,931,338.24	36,112.91	145.93	0.04	Off-Highway Trucks
F1-F2	Paving	Pavers	58,755,490.06	15,027.69	58.76	0.02	Pavers
F1-F2	Paving	Rollers	36,234,005.99	9,674.83	36.23	0.01	Rollers
F1-F2	Paving	Tractors/Loaders/Backhoes	44,134,938.16	11,742.32	44.13	0.01	Tractors/Loaders/Backhoes
F1-F2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F3	Site Preparation	Excavator	12,231,269.33	3,106.09	12.23	0.00	Excavator
F3	Site Preparation	Off-Highway Trucks	62,517,533.40	15,470.91	62.52	0.02	Off-Highway Trucks
F3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F3	Site Preparation	Pile Drivers	24,249,002.90	6,035.71	24.25	0.01	Pile Drivers
F3	Site Preparation	Plate Compactors	1,062,467.58	679.42	1.06	0.00	Plate Compactors
F3	Site Preparation	Pressure Washer	1,726,509.82	1,104.06	1.73	0.00	Pressure Washer
F3	Site Preparation	Pumps	5,862,606.12	3,748.98	5.86	0.00	Pumps
F3	Site Preparation	Rollers	4,139,409.13	1,105.26	4.14	0.00	Rollers
F3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F3	Site Preparation	Skid-Steer Loaders	3,354,863.30	878.50	3.35	0.00	Skid-Steer Loaders
F3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
F3	Site Preparation	Tractors/Loaders/Backhoes	7,563,029.31	2,012.18	7.56	0.00	Tractors/Loaders/Backhoes
F3	Site Preparation	Water Trucks	62,517,533.40	15,470.91	62.52	0.02	Water Trucks
F3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F3	Building Construction	Cement and Mortar Mixers	10,767,155.23	1,117.83	10.77	0.00	Cement and Mortar Mixers
F3	Building Construction	Concrete Pumps	100,493,480.92	10,441.13	100.49	0.01	Concrete Pumps
F3	Building Construction	Cranes	188,478,889.37	47,545.70	188.48	0.05	Cranes
F3	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F3	Building Construction	Forklifts	96,468,306.92	25,821.30	96.47	0.03	Forklifts
F3	Building Construction	Generator Sets	100,493,448.77	10,023.16	100.49	0.01	Generator Sets
F3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F3	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders

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F3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F3	Paving	Off-Highway Trucks	31,258,766.70	7,735.45	31.26	0.01	Off-Highway Trucks
F3	Paving	Pavers	5,034,214.52	1,287.58	5.03	0.00	Pavers
F3	Paving	Rollers	3,104,556.85	828.95	3.10	0.00	Rollers
F3	Paving	Tractors/Loaders/Backhoes	9,453,786.64	2,515.23	9.45	0.00	Tractors/Loaders/Backhoes
F3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F4	Site Preparation	Excavator	28,550,798.55	7,250.38	28.55	0.01	Excavator
F4	Site Preparation	Off-Highway Trucks	145,931,338.24	36,112.91	145.93	0.04	Off-Highway Trucks
F4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F4	Site Preparation	Pile Drivers	56,603,151.98	14,088.83	56.60	0.01	Pile Drivers
F4	Site Preparation	Plate Compactors	1,240,030.65	792.97	1.24	0.00	Plate Compactors
F4	Site Preparation	Pressure Washer	2,015,049.81	1,288.57	2.02	0.00	Pressure Washer
F4	Site Preparation	Pumps	6,842,384.13	4,375.52	6.84	0.00	Pumps
F4	Site Preparation	Rollers	4,831,200.80	1,289.98	4.83	0.00	Rollers
F4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F4	Site Preparation	Skid-Steer Loaders	3,915,539.08	1,025.32	3.92	0.00	Skid-Steer Loaders
F4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
F4	Site Preparation	Tractors/Loaders/Backhoes	8,826,987.63	2,348.46	8.83	0.00	Tractors/Loaders/Backhoes
F4	Site Preparation	Water Trucks	72,965,669.12	18,056.46	72.97	0.02	Water Trucks
F4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F4	Building Construction	Cement and Mortar Mixers	12,478,676.97	1,295.52	12.48	0.00	Cement and Mortar Mixers
F4	Building Construction	Concrete Pumps	116,467,688.96	12,100.82	116.47	0.01	Concrete Pumps
F4	Building Construction	Cranes	436,878,103.18	110,206.92	436.88	0.11	Cranes
F4	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F4	Building Construction	Forklifts	223,605,365.49	59,851.59	223.61	0.06	Forklifts
F4	Building Construction	Generator Sets	116,467,651.70	11,616.42	116.47	0.01	Generator Sets
F4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F4	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
F4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F4	Paving	Off-Highway Trucks	36,482,834.56	9,028.23	36.48	0.01	Off-Highway Trucks
F4	Paving	Pavers	5,875,549.01	1,502.77	5.88	0.00	Pavers
F4	Paving	Rollers	3,623,400.60	967.48	3.62	0.00	Rollers
F4	Paving	Tractors/Loaders/Backhoes	11,033,734.54	2,935.58	11.03	0.00	Tractors/Loaders/Backhoes
F4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F5	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F5	Site Preparation	Excavator	16,822,184.12	4,271.94	16.82	0.00	Excavator
F5	Site Preparation	Off-Highway Trucks	85,983,018.54	21,277.79	85.98	0.02	Off-Highway Trucks
F5	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F5	Site Preparation	Pile Drivers	33,350,683.44	8,301.17	33.35	0.01	Pile Drivers
F5	Site Preparation	Plate Compactors	1,461,256.78	934.43	1.46	0.00	Plate Compactors

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F5	Site Preparation	Pressure Washer	2,374,542.27	1,518.46	2.37	0.00	Pressure Washer
F5	Site Preparation	Pumps	8,063,091.16	5,156.13	8.06	0.01	Pumps
F5	Site Preparation	Rollers	5,693,105.17	1,520.11	5.69	0.00	Rollers
F5	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F5	Site Preparation	Skid-Steer Loaders	4,614,085.96	1,208.24	4.61	0.00	Skid-Steer Loaders
F5	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F5	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
F5	Site Preparation	Tractors/Loaders/Backhoes	10,401,755.38	2,767.44	10.40	0.00	Tractors/Loaders/Backhoes
F5	Site Preparation	Water Trucks	85,983,018.54	21,277.79	85.98	0.02	Water Trucks
F5	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F5	Building Construction	Cement and Mortar Mixers	14,611,064.71	1,516.90	14.61	0.00	Cement and Mortar Mixers
F5	Building Construction	Concrete Pumps	68,184,990.47	7,084.32	68.18	0.01	Concrete Pumps
F5	Building Construction	Cranes	255,766,466.82	64,519.68	255.77	0.06	Cranes
F5	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F5	Building Construction	Forklifts	130,907,806.72	35,039.59	130.91	0.04	Forklifts
F5	Building Construction	Generator Sets	136,369,937.32	13,601.46	136.37	0.01	Generator Sets
F5	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F5	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F5	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
F5	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F5	Paving	Off-Highway Trucks	42,991,509.27	10,638.90	42.99	0.01	Off-Highway Trucks
F5	Paving	Pavers	6,923,769.02	1,770.87	6.92	0.00	Pavers
F5	Paving	Rollers	4,269,828.87	1,140.09	4.27	0.00	Rollers
F5	Paving	Tractors/Loaders/Backhoes	13,002,194.22	3,459.30	13.00	0.00	Tractors/Loaders/Backhoes
F5	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F6	Site Preparation	Excavator	13,270,089.46	3,369.90	13.27	0.00	Excavator
F6	Site Preparation	Off-Highway Trucks	67,827,241.72	16,784.87	67.83	0.02	Off-Highway Trucks
F6	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F6	Site Preparation	Pile Drivers	26,308,507.26	6,548.33	26.31	0.01	Pile Drivers
F6	Site Preparation	Plate Compactors	1,152,704.55	737.12	1.15	0.00	Plate Compactors
F6	Site Preparation	Pressure Washer	1,873,144.90	1,197.83	1.87	0.00	Pressure Washer
F6	Site Preparation	Pumps	6,360,526.09	4,067.39	6.36	0.00	Pumps
F6	Site Preparation	Rollers	4,490,975.39	1,199.13	4.49	0.00	Rollers
F6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F6	Site Preparation	Skid-Steer Loaders	3,639,796.90	953.12	3.64	0.00	Skid-Steer Loaders
F6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
F6	Site Preparation	Tractors/Loaders/Backhoes	8,205,368.78	2,183.08	8.21	0.00	Tractors/Loaders/Backhoes
F6	Site Preparation	Water Trucks	67,827,241.72	16,784.87	67.83	0.02	Water Trucks
F6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F6	Building Construction	Cement and Mortar Mixers	11,636,944.96	1,208.13	11.64	0.00	Cement and Mortar Mixers
F6	Building Construction	Concrete Pumps	54,305,760.54	5,642.29	54.31	0.01	Concrete Pumps

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F6	Building Construction	Cranes	203,704,545.58	51,386.53	203.70	0.05	Cranes
F6	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F6	Building Construction	Forklifts	104,261,186.44	27,907.19	104.26	0.03	Forklifts
F6	Building Construction	Generator Sets	108,611,486.32	10,832.85	108.61	0.01	Generator Sets
F6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F6	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
F6	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F6	Paving	Off-Highway Trucks	33,913,620.86	8,392.44	33.91	0.01	Off-Highway Trucks
F6	Paving	Pavers	5,461,777.95	1,396.94	5.46	0.00	Pavers
F6	Paving	Rollers	3,368,231.54	899.35	3.37	0.00	Rollers
F6	Paving	Tractors/Loaders/Backhoes	10,256,710.98	2,728.85	10.26	0.00	Tractors/Loaders/Backhoes
F6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
G1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
G1	Site Preparation	Excavator	27,478,468.08	6,978.07	27.48	0.01	Excavator
G1	Site Preparation	Off-Highway Trucks	70,225,174.51	17,378.28	70.23	0.02	Off-Highway Trucks
G1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
G1	Site Preparation	Pile Drivers	27,238,606.00	6,779.84	27.24	0.01	Pile Drivers
G1	Site Preparation	Plate Compactors	1,193,456.73	763.18	1.19	0.00	Plate Compactors
G1	Site Preparation	Pressure Washer	1,939,367.19	1,240.17	1.94	0.00	Pressure Washer
G1	Site Preparation	Pumps	6,585,393.18	4,211.18	6.59	0.00	Pumps
G1	Site Preparation	Rollers	4,649,747.25	1,241.53	4.65	0.00	Rollers
G1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
G1	Site Preparation	Skid-Steer Loaders	3,768,476.58	986.81	3.77	0.00	Skid-Steer Loaders
G1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
G1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
G1	Site Preparation	Tractors/Loaders/Backhoes	16,990,915.16	4,520.52	16.99	0.00	Tractors/Loaders/Backhoes
G1	Site Preparation	Water Trucks	70,225,174.51	17,378.28	70.23	0.02	Water Trucks
G1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
G1	Building Construction	Cement and Mortar Mixers	12,029,753.23	1,248.91	12.03	0.00	Cement and Mortar Mixers
G1	Building Construction	Concrete Pumps	112,277,732.75	11,665.49	112.28	0.01	Concrete Pumps
G1	Building Construction	Cranes	842,322,593.55	212,484.38	842.32	0.21	Cranes
G1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
G1	Building Construction	Forklifts	215,561,102.77	57,698.41	215.56	0.06	Forklifts
G1	Building Construction	Generator Sets	112,277,696.83	11,198.51	112.28	0.01	Generator Sets
G1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
G1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
G1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
G1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
G1	Paving	Off-Highway Trucks	35,112,587.25	8,689.14	35.11	0.01	Off-Highway Trucks
G1	Paving	Pavers	5,654,871.11	1,446.33	5.65	0.00	Pavers
G1	Paving	Rollers	3,487,310.44	931.15	3.49	0.00	Rollers
G1	Paving	Tractors/Loaders/Backhoes	10,619,321.97	2,825.32	10.62	0.00	Tractors/Loaders/Backhoes

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G1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
H1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
H1	Site Preparation	Excavator	27,545,488.74	6,995.09	27.55	0.01	Excavator
H1	Site Preparation	Off-Highway Trucks	70,396,455.42	17,420.66	70.40	0.02	Off-Highway Trucks
H1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
H1	Site Preparation	Pile Drivers	27,305,041.62	6,796.37	27.31	0.01	Pile Drivers
H1	Site Preparation	Plate Compactors	1,196,367.60	765.05	1.20	0.00	Plate Compactors
H1	Site Preparation	Pressure Washer	1,944,097.35	1,243.20	1.94	0.00	Pressure Washer
H1	Site Preparation	Pumps	6,601,455.11	4,221.45	6.60	0.00	Pumps
H1	Site Preparation	Rollers	4,661,088.09	1,244.55	4.66	0.00	Rollers
H1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
H1	Site Preparation	Skid-Steer Loaders	3,777,667.99	989.22	3.78	0.00	Skid-Steer Loaders
H1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
H1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
H1	Site Preparation	Tractors/Loaders/Backhoes	17,032,356.42	4,531.54	17.03	0.00	Tractors/Loaders/Backhoes
H1	Site Preparation	Water Trucks	70,396,455.42	17,420.66	70.40	0.02	Water Trucks
H1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
H1	Building Construction	Cement and Mortar Mixers	12,057,810.97	1,251.82	12.06	0.00	Cement and Mortar Mixers
H1	Building Construction	Concrete Pumps	56,269,802.51	5,846.35	56.27	0.01	Concrete Pumps
H1	Building Construction	Cranes	422,143,597.18	106,489.99	422.14	0.11	Cranes
H1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
H1	Building Construction	Forklifts	216,063,869.19	57,832.98	216.06	0.06	Forklifts
H1	Building Construction	Generator Sets	112,539,569.01	11,224.63	112.54	0.01	Generator Sets
H1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
H1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
H1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
H1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
H1	Paving	Off-Highway Trucks	35,198,227.71	8,710.33	35.20	0.01	Off-Highway Trucks
H1	Paving	Pavers	5,668,663.48	1,449.85	5.67	0.00	Pavers
H1	Paving	Rollers	3,495,816.07	933.42	3.50	0.00	Rollers
H1	Paving	Tractors/Loaders/Backhoes	10,645,222.76	2,832.21	10.65	0.00	Tractors/Loaders/Backhoes
H1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
H2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
H2	Site Preparation	Excavator	11,711,859.26	2,974.19	11.71	0.00	Excavator
H2	Site Preparation	Off-Highway Trucks	59,862,679.24	14,813.92	59.86	0.01	Off-Highway Trucks
H2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
H2	Site Preparation	Pile Drivers	23,219,250.72	5,779.40	23.22	0.01	Pile Drivers
H2	Site Preparation	Plate Compactors	1,017,349.09	650.57	1.02	0.00	Plate Compactors
H2	Site Preparation	Pressure Washer	1,653,192.28	1,057.17	1.65	0.00	Pressure Washer
H2	Site Preparation	Pumps	5,613,646.13	3,589.78	5.61	0.00	Pumps
H2	Site Preparation	Rollers	3,963,626.01	1,058.33	3.96	0.00	Rollers
H2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers

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H2	Site Preparation	Skid-Steer Loaders	3,212,396.50	841.20	3.21	0.00	Skid-Steer Loaders
H2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
H2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
H2	Site Preparation	Tractors/Loaders/Backhoes	7,241,859.57	1,926.73	7.24	0.00	Tractors/Loaders/Backhoes
H2	Site Preparation	Water Trucks	59,862,679.24	14,813.92	59.86	0.01	Water Trucks
H2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
H2	Building Construction	Cement and Mortar Mixers	10,332,260.36	1,072.68	10.33	0.00	Cement and Mortar Mixers
H2	Building Construction	Concrete Pumps	48,217,230.42	5,009.70	48.22	0.01	Concrete Pumps
H2	Building Construction	Cranes	180,866,061.27	45,625.29	180.87	0.05	Cranes
H2	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
H2	Building Construction	Forklifts	92,571,867.16	24,778.35	92.57	0.02	Forklifts
H2	Building Construction	Generator Sets	96,434,429.99	9,618.32	96.43	0.01	Generator Sets
H2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
H2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
H2	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
H2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
H2	Paving	Off-Highway Trucks	29,931,339.62	7,406.96	29.93	0.01	Off-Highway Trucks
H2	Paving	Pavers	4,820,432.81	1,232.91	4.82	0.00	Pavers
H2	Paving	Rollers	2,972,719.51	793.74	2.97	0.00	Rollers
H2	Paving	Tractors/Loaders/Backhoes	9,052,324.46	2,408.42	9.05	0.00	Tractors/Loaders/Backhoes
H2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
H3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
H3	Site Preparation	Excavator	59,179,237.36	15,028.38	59.18	0.02	Excavator
H3	Site Preparation	Off-Highway Trucks	151,241,046.56	37,426.88	151.24	0.04	Off-Highway Trucks
H3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
H3	Site Preparation	Pile Drivers	58,662,656.33	14,601.45	58.66	0.01	Pile Drivers
H3	Site Preparation	Plate Compactors	2,570,298.28	1,643.64	2.57	0.00	Plate Compactors
H3	Site Preparation	Pressure Washer	6,265,102.06	4,006.37	6.27	0.00	Pressure Washer
H3	Site Preparation	Pumps	21,274,032.34	13,604.18	21.27	0.01	Pumps
H3	Site Preparation	Rollers	5,006,983.93	1,336.91	5.01	0.00	Rollers
H3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
H3	Site Preparation	Skid-Steer Loaders	4,058,005.88	1,062.63	4.06	0.00	Skid-Steer Loaders
H3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
H3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
H3	Site Preparation	Tractors/Loaders/Backhoes	36,592,629.48	9,735.65	36.59	0.01	Tractors/Loaders/Backhoes
H3	Site Preparation	Water Trucks	75,620,523.28	18,713.44	75.62	0.02	Water Trucks
H3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
H3	Building Construction	Cement and Mortar Mixers	64,567,859.18	6,703.34	64.57	0.01	Cement and Mortar Mixers
H3	Building Construction	Concrete Pumps	180,790,063.56	18,783.82	180.79	0.02	Concrete Pumps
H3	Building Construction	Cranes	904,207,518.79	228,095.48	904.21	0.23	Cranes
H3	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
H3	Building Construction	Forklifts	462,796,490.02	123,874.95	462.80	0.12	Forklifts
H3	Building Construction	Generator Sets	361,580,011.43	36,063.78	361.58	0.04	Generator Sets

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H3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
H3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
H3	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
H3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
H3	Paving	Off-Highway Trucks	75,620,523.28	18,713.44	75.62	0.02	Off-Highway Trucks
H3	Paving	Pavers	12,178,661.44	3,114.89	12.18	0.00	Pavers
H3	Paving	Rollers	7,510,475.89	2,005.37	7.51	0.00	Rollers
H3	Paving	Tractors/Loaders/Backhoes	22,870,393.42	6,084.78	22.87	0.01	Tractors/Loaders/Backhoes
H3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
H4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
H4	Site Preparation	Excavator	23,457,228.85	5,956.89	23.46	0.01	Excavator
H4	Site Preparation	Off-Highway Trucks	119,896,639.40	29,670.23	119.90	0.03	Off-Highway Trucks
H4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
H4	Site Preparation	Pile Drivers	46,504,937.07	11,575.33	46.50	0.01	Pile Drivers
H4	Site Preparation	Plate Compactors	1,018,804.53	651.50	1.02	0.00	Plate Compactors
H4	Site Preparation	Pressure Washer	1,655,557.36	1,058.68	1.66	0.00	Pressure Washer
H4	Site Preparation	Pumps	5,621,677.10	3,594.91	5.62	0.00	Pumps
H4	Site Preparation	Rollers	3,969,296.43	1,059.84	3.97	0.00	Rollers
H4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
H4	Site Preparation	Skid-Steer Loaders	3,216,992.21	842.40	3.22	0.00	Skid-Steer Loaders
H4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
H4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
H4	Site Preparation	Tractors/Loaders/Backhoes	7,252,219.89	1,929.49	7.25	0.00	Tractors/Loaders/Backhoes
H4	Site Preparation	Water Trucks	59,948,319.70	14,835.12	59.95	0.01	Water Trucks
H4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
H4	Building Construction	Cement and Mortar Mixers	10,346,289.22	1,074.14	10.35	0.00	Cement and Mortar Mixers
H4	Building Construction	Concrete Pumps	96,565,396.97	10,033.00	96.57	0.01	Concrete Pumps
H4	Building Construction	Cranes	362,223,272.74	91,374.48	362.22	0.09	Cranes
H4	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
H4	Building Construction	Forklifts	185,395,117.54	49,624.00	185.40	0.05	Forklifts
H4	Building Construction	Generator Sets	96,565,366.08	9,631.37	96.57	0.01	Generator Sets
H4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
H4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
H4	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
H4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
H4	Paving	Off-Highway Trucks	29,974,159.85	7,417.56	29.97	0.01	Off-Highway Trucks
H4	Paving	Pavers	4,827,329.00	1,234.67	4.83	0.00	Pavers
H4	Paving	Rollers	2,976,972.32	794.88	2.98	0.00	Rollers
H4	Paving	Tractors/Loaders/Backhoes	9,065,274.86	2,411.86	9.07	0.00	Tractors/Loaders/Backhoes
H4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
150 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
150 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
150 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers

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150 SM	Site Preparation	Excavator (Small 150 HP)	46,447,858.21	11,795.28	46.45	0.01	Excavator (Small 150 HP)
150 SM	Site Preparation	Water Trucks	62,517,533.40	15,470.91	62.52	0.02	Water Trucks
150 SM	Site Preparation	Tractors/Loaders/Backhoes	7,563,029.31	2,012.18	7.56	0.00	Tractors/Loaders/Backhoes
150 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
150 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
150 SM	Site Preparation	Pressure Washer	1,726,509.82	1,104.06	1.73	0.00	Pressure Washer
150 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
150 SM	Site Preparation	Trench Roller (25 HP)	2,791,411.22	764.51	2.79	0.00	Trench Roller (25 HP)
150 SM	Site Preparation	Skid-Steer Loaders	3,354,863.30	878.50	3.35	0.00	Skid-Steer Loaders
150 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00	Pumps
150 SM	Site Preparation	Plate Compactors	1,062,467.58	679.42	1.06	0.00	Plate Compactors
150 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	Pile Drivers
150 SM	Building Construction	Cranes (220 HP mobile crane)	119,669,136.11	30,187.75	119.67	0.03	Cranes (220 HP mobile crane)
150 SM	Building Construction	Forklifts	96,468,306.92	25,821.30	96.47	0.03	Forklifts
150 SM	Building Construction	Generator Sets	100,493,448.77	10,023.16	100.49	0.01	Generator Sets
150 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
150 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
150 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
150 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
150 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
150 SM	Building Construction	Concrete Pumps	25,123,370.23	2,610.28	25.12	0.00	Concrete Pumps
150 SM	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
150 SM	Paving	Pavers	5,034,214.52	1,287.58	5.03	0.00	Pavers
150 SM	Paving	Rollers	3,104,556.85	828.95	3.10	0.00	Rollers
150 SM	Paving	Off-Highway Trucks	31,258,766.70	7,735.45	31.26	0.01	Off-Highway Trucks
150 SM	Paving	Tractors/Loaders/Backhoes	9,453,786.64	2,515.23	9.45	0.00	Tractors/Loaders/Backhoes
150 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
150 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
40 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
40 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
40 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
40 SM	Site Preparation	Excavator (Small 150 HP)	40,657,782.74	10,324.91	40.66	0.01	Excavator (Small 150 HP)
40 SM	Site Preparation	Water Trucks	54,724,251.84	13,542.34	54.72	0.01	Water Trucks
40 SM	Site Preparation	Tractors/Loaders/Backhoes	6,620,240.72	1,761.35	6.62	0.00	Tractors/Loaders/Backhoes
40 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
40 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
40 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	Pile Drivers
40 SM	Site Preparation	Pressure Washer	1,511,287.36	966.43	1.51	0.00	Pressure Washer
40 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
40 SM	Site Preparation	Trench Roller (25 HP)	2,443,440.78	669.21	2.44	0.00	Trench Roller (25 HP)
40 SM	Site Preparation	Skid-Steer Loaders	2,936,654.31	768.99	2.94	0.00	Skid-Steer Loaders
40 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00	Pumps
40 SM	Site Preparation	Plate Compactors	930,022.99	594.72	0.93	0.00	Plate Compactors

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40 SM	Building Construction	Cranes (220 HP mobile crane)	105,480,352.54	26,608.48	105.48	0.03	Cranes (220 HP mobile crane)
40 SM	Building Construction	Forklifts	85,030,370.86	22,759.75	85.03	0.02	Forklifts
40 SM	Building Construction	Generator Sets	88,578,264.61	8,834.75	88.58	0.01	Generator Sets
40 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
40 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
40 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
40 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
40 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
40 SM	Building Construction	Concrete Pumps	22,144,573.24	2,300.79	22.14	0.00	Concrete Pumps
40 SM	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
40 SM	Paving	Pavers	4,406,661.75	1,127.08	4.41	0.00	Pavers
40 SM	Paving	Rollers	2,717,550.45	725.61	2.72	0.00	Rollers
40 SM	Paving	Off-Highway Trucks	27,362,125.92	6,771.17	27.36	0.01	Off-Highway Trucks
40 SM	Paving	Tractors/Loaders/Backhoes	8,275,300.90	2,201.68	8.28	0.00	Tractors/Loaders/Backhoes
40 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
40 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
LTA B1-1	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
LTA B1-1	Paving	Cement and Mortar Mixers	175,360.83	18.21	0.18	0.00	Cement and Mortar Mixers
LTA B1-1	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
LTA B1-1	Paving	Pressure Washer	147,817.62	94.53	0.15	0.00	Pressure Washer
LTA B1-2	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
LTA B1-2	Paving	Cement and Mortar Mixers	175,360.83	18.21	0.18	0.00	Cement and Mortar Mixers
LTA B1-2	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
LTA B1-2	Paving	Pressure Washer	147,817.62	94.53	0.15	0.00	Pressure Washer
LTA B1-3	Paving	Pile Drivers	23,252,468.54	5,787.67	23.25	0.01	Pile Drivers
LTA B1-3	Paving	Generator Sets	9,165,526.27	914.16	9.17	0.00	Generator Sets
LTA B1-3	Paving	Cranes (220 HP mobile crane)	13,188,292.42	3,326.88	13.19	0.00	Cranes (220 HP mobile crane)
LTA B1-3	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
LTA B1-4	Paving	Tractors/Loaders/Backhoes	2,590,078.53	689.10	2.59	0.00	Tractors/Loaders/Backhoes
LTA B1-4	Paving	Pavers	3,448,092.14	881.91	3.45	0.00	Pavers
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
LTA B1-4	Paving	Generator Sets	3,273,402.24	326.49	3.27	0.00	Generator Sets
LTA B1-4	Paving	Excavator (Small 150 HP)	5,302,266.92	1,346.49	5.30	0.00	Excavator (Small 150 HP)
LTA B1-4	Paving	Pavers	3,448,092.14	881.91	3.45	0.00	Pavers
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
LTA B1-4	Paving	Generator Sets	3,273,402.24	326.49	3.27	0.00	Generator Sets
Excavation	1	E - Excavators	822,135,694.37	206,214.81	822.14	0.21	E - Excavators
Excavation	1	E - Rubber Tired Dozers	990,242,364.22	257,394.22	990.24	0.26	E - Rubber Tired Dozers
Excavation	1	E - Off-Highway Trucks	1,331,687,798.30	329,546.23	1331.69	0.33	E - Off-Highway Trucks
Excavation	1	E - Pressure Washers	14,589,599.21	9,329.66	14.59	0.01	E - Pressure Washers
Excavation	1	E - Pumps	996,178,455.40	103,501.49	996.18	0.10	E - Pumps
Excavation	1	E - Bore/Drill Rigs	1,508,845,181.93	354,647.05	1508.85	0.35	E - Bore/Drill Rigs
Excavation	1	E - Ground anchoring	370,744,816.13	87,141.85	370.74	0.09	E - Ground anchoring

Downtown West San Jose Mixed Use Project
GHG - OffRoad Emissions

Excavation	1	⋮ - Mobile Concrete Pump - Tier 4 Diese	299,152,737.16	14,739.20	299.15	0.01	E - Mobile Concrete Pump - Tier 4 Diesel
Excavation	1	E - Tractors/Loaders/Backhoes	334,792,749.78	89,073.26	334.79	0.09	E - Tractors/Loaders/Backhoes
Excavation	1	E - Aerial Lifts	0.00	0.00	0.00	0.00	E - Aerial Lifts
Excavation	1	E - Air Compressors	0.00	0.00	0.00	0.00	E - Air Compressors
Excavation	1	E - Generator Sets	597,706,882.01	59,614.94	597.71	0.06	E - Generator Sets
Excavation	1	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	E - Sweepers/Scrubbers
Excavation	1	ER- Graders	447,002,603.62	118,404.13	447.00	0.12	ER- Graders
Excavation	1	ER -Rubber Tired Dozers	198,048,472.84	51,478.84	198.05	0.05	ER -Rubber Tired Dozers
Excavation	1	ER -Excavators	157,273,787.26	40,880.26	157.27	0.04	ER -Excavators
Excavation	1	ER -Trenchers	113,946,252.73	30,854.39	113.95	0.03	ER -Trenchers
Excavation	1	ER - Off-Highway Trucks	443,895,932.77	109,848.74	443.90	0.11	ER - Off-Highway Trucks
Excavation	1	ER - Skid Steer Loaders	221,622,304.97	58,033.91	221.62	0.06	ER - Skid Steer Loaders
Excavation	1	ER - Pressure Washers	4,863,199.74	3,109.89	4.86	0.00	ER - Pressure Washers
Excavation	1	ER - Plate Compactors	34,316,732.51	21,944.64	34.32	0.02	ER - Plate Compactors
Excavation	2a	E - Excavators	184,703,703.64	46,328.90	184.70	0.05	E - Excavators
Excavation	2a	E - Rubber Tired Dozers	222,471,099.87	57,827.03	222.47	0.06	E - Rubber Tired Dozers
Excavation	2a	E - Off-Highway Trucks	299,181,351.84	74,036.94	299.18	0.07	E - Off-Highway Trucks
Excavation	2a	E - Pressure Washers	3,277,747.25	2,096.03	3.28	0.00	E - Pressure Washers
Excavation	2a	E - Pumps	223,804,721.60	23,252.98	223.80	0.02	E - Pumps
Excavation	2a	E - Bore/Drill Rigs	338,982,111.14	79,676.17	338.98	0.08	E - Bore/Drill Rigs
Excavation	2a	E - Ground anchoring	83,292,747.31	19,577.57	83.29	0.02	E - Ground anchoring
Excavation	2a	⋮ - Mobile Concrete Pump - Tier 4 Diese	67,208,635.86	3,311.36	67.21	0.00	E - Mobile Concrete Pump - Tier 4 Diesel
Excavation	2a	E - Tractors/Loaders/Backhoes	75,215,638.08	20,011.49	75.22	0.02	E - Tractors/Loaders/Backhoes
Excavation	2a	E - Aerial Lifts	0.00	0.00	0.00	0.00	E - Aerial Lifts
Excavation	2a	E - Air Compressors	0.00	0.00	0.00	0.00	E - Air Compressors
Excavation	2a	E - Generator Sets	134,282,790.00	13,393.29	134.28	0.01	E - Generator Sets
Excavation	2a	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	E - Sweepers/Scrubbers
Excavation	2a	ER- Graders	261,068,541.90	69,153.05	261.07	0.07	ER- Graders
Excavation	2a	ER -Rubber Tired Dozers	115,668,735.74	30,065.84	115.67	0.03	ER -Rubber Tired Dozers
Excavation	2a	ER -Excavators	91,854,584.26	23,875.81	91.85	0.02	ER -Excavators
Excavation	2a	ER -Trenchers	66,549,460.37	18,020.28	66.55	0.02	ER -Trenchers
Excavation	2a	ER - Off-Highway Trucks	259,254,113.92	64,156.34	259.25	0.06	ER - Off-Highway Trucks
Excavation	2a	ER - Skid Steer Loaders	129,436,856.84	33,894.27	129.44	0.03	ER - Skid Steer Loaders
Excavation	2a	ER - Pressure Washers	2,840,315.59	1,816.31	2.84	0.00	ER - Pressure Washers
Excavation	2a	ER - Plate Compactors	20,042,432.07	12,816.60	20.04	0.01	ER - Plate Compactors

Excavation	2b	E - Excavators	145,496,667.18	36,494.67	145.50	0.04	E - Excavators
Excavation	2b	E - Rubber Tired Dozers	175,247,182.04	45,552.09	175.25	0.05	E - Rubber Tired Dozers
Excavation	2b	E - Off-Highway Trucks	235,674,156.60	58,321.12	235.67	0.06	E - Off-Highway Trucks
Excavation	2b	E - Pressure Washers	2,581,980.17	1,651.11	2.58	0.00	E - Pressure Washers
Excavation	2b	E - Pumps	176,297,716.02	18,317.08	176.30	0.02	E - Pumps
Excavation	2b	E - Bore/Drill Rigs	267,026,412.75	62,763.32	267.03	0.06	E - Bore/Drill Rigs
Excavation	2b	E - Ground anchoring	65,612,204.28	15,421.84	65.61	0.02	E - Ground anchoring
Excavation	2b	- Mobile Concrete Pump - Tier 4 Diese	52,942,265.53	2,608.46	52.94	0.00	E - Mobile Concrete Pump - Tier 4 Diesel
Excavation	2b	E - Tractors/Loaders/Backhoes	59,249,622.20	15,763.65	59.25	0.02	E - Tractors/Loaders/Backhoes
Excavation	2b	E - Aerial Lifts	0.00	0.00	0.00	0.00	E - Aerial Lifts
Excavation	2b	E - Air Compressors	0.00	0.00	0.00	0.00	E - Air Compressors
Excavation	2b	E - Generator Sets	105,778,595.77	10,550.30	105.78	0.01	E - Generator Sets
Excavation	2b	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	E - Sweepers/Scrubbers
Excavation	2b	ER- Graders	149,317,891.00	39,552.02	149.32	0.04	ER- Graders
Excavation	2b	ER -Rubber Tired Dozers	66,156,617.52	17,196.12	66.16	0.02	ER -Rubber Tired Dozers
Excavation	2b	ER -Excavators	52,536,137.45	13,655.75	52.54	0.01	ER -Excavators
Excavation	2b	ER -Trenchers	38,062,897.19	10,306.68	38.06	0.01	ER -Trenchers
Excavation	2b	ER - Off-Highway Trucks	148,280,130.73	36,694.15	148.28	0.04	ER - Off-Highway Trucks
Excavation	2b	ER - Skid Steer Loaders	74,031,280.60	19,385.79	74.03	0.02	ER - Skid Steer Loaders
Excavation	2b	ER - Pressure Washers	1,624,515.66	1,038.83	1.62	0.00	ER - Pressure Washers
Excavation	2b	ER - Plate Compactors	11,463,248.94	7,330.44	11.46	0.01	ER - Plate Compactors
Excavation	3	E - Excavators	305,681,634.70	76,673.57	305.68	0.08	E - Excavators
Excavation	3	E - Rubber Tired Dozers	368,186,063.09	95,702.80	368.19	0.10	E - Rubber Tired Dozers
Excavation	3	E - Off-Highway Trucks	495,140,286.30	122,529.93	495.14	0.12	E - Off-Highway Trucks
Excavation	3	E - Pressure Washers	5,424,618.55	3,468.90	5.42	0.00	E - Pressure Washers
Excavation	3	E - Pumps	370,393,185.43	38,483.31	370.39	0.04	E - Pumps
Excavation	3	E - Bore/Drill Rigs	561,009,897.60	131,862.77	561.01	0.13	E - Bore/Drill Rigs
Excavation	3	E - Ground anchoring	137,848,146.27	32,400.57	137.85	0.03	E - Ground anchoring
Excavation	3	- Mobile Concrete Pump - Tier 4 Diese	111,229,202.61	5,480.24	111.23	0.01	E - Mobile Concrete Pump - Tier 4 Diesel
Excavation	3	E - Tractors/Loaders/Backhoes	124,480,661.45	33,118.69	124.48	0.03	E - Tractors/Loaders/Backhoes
Excavation	3	E - Aerial Lifts	0.00	0.00	0.00	0.00	E - Aerial Lifts
Excavation	3	E - Air Compressors	0.00	0.00	0.00	0.00	E - Air Compressors
Excavation	3	E - Generator Sets	222,235,840.16	22,165.68	222.24	0.02	E - Generator Sets
Excavation	3	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	E - Sweepers/Scrubbers
Excavation	3	ER- Graders	308,622,010.37	81,749.23	308.62	0.08	ER- Graders
Excavation	3	ER -Rubber Tired Dozers	136,737,722.21	35,542.31	136.74	0.04	ER -Rubber Tired Dozers
Excavation	3	ER -Excavators	108,585,838.22	28,224.77	108.59	0.03	ER -Excavators
Excavation	3	ER -Trenchers	78,671,402.15	21,302.66	78.67	0.02	ER -Trenchers
Excavation	3	ER - Off-Highway Trucks	306,477,085.50	75,842.38	306.48	0.08	ER - Off-Highway Trucks
Excavation	3	ER - Skid Steer Loaders	153,013,697.80	40,068.09	153.01	0.04	ER - Skid Steer Loaders
Excavation	3	ER - Pressure Washers	3,357,677.27	2,147.15	3.36	0.00	ER - Pressure Washers
Excavation	3	ER - Plate Compactors	23,693,148.30	15,151.14	23.69	0.02	ER - Plate Compactors

Downtown West San Jose Mixed Use Project
Dust From Material Movement

Summary Emissions

		PM10 Emissions - With 55% reduction for watering 2x per day (tons/phase)				
Block	**Phase/Year**	**Total Red**	**Total**	**Grading**	**Truck Loading**	**Bulldozing**
A1		0.00	0.00	0.00		0.00
B1		0.00	0.00	0.00		0.00
C1		0.00	0.00	0.00		0.00
C2		0.00	0.00	0.00		0.00
C3		0.00	0.00	0.00		0.00
D1		0.00	0.00	0.00		0.00
D4		0.00	0.00	0.00		0.00
D5-6		0.00	0.00	0.00		0.00
D7		0.00	0.00	0.00		0.00
D8-13		0.00	0.00	0.00		0.00
E1.1		0.00	0.00	0.00		0.00
E1.2		0.00	0.00	0.00		0.00
F1-F2		0.00	0.00	0.00		0.00
F3		0.00	0.00	0.00		0.00
F4		0.00	0.00	0.00		0.00
F5		0.00	0.00	0.00		0.00
F6		0.00	0.00	0.00		0.00
G1		0.00	0.00	0.00		0.00
H1		0.00	0.00	0.00		0.00
H2		0.00	0.00	0.00		0.00
H3		0.00	0.00	0.00		0.00
H4		0.00	0.00	0.00		0.00
150 SM		0.00	0.00	0.00		0.00
40 SM		0.00	0.00	0.00		0.00
LTA		0.00	0.00	0.00		0.00
Excavation	1 - 2021	0.15	0.34	0.332290118	9.75E-03	
	1 - 2022	0.31	0.68	0.664580235	1.95E-02	
	1 - 2023	0.31	0.68	0.664580235	1.95E-02	
	1 - 2024	0.15	0.34	0.332290118	9.75E-03	
	2a - 2025	0.15	0.34	0.332694118	3.75E-03	
	2a - 2026	0.30	0.67	0.665388235	7.50E-03	
	2a - 2027	0.08	0.17	0.166347059	1.88E-03	
	2b - 2029	0.30	0.68	0.67	1.03E-02	
	3 - 2030	0.42	0.93	0.917686325	1.05E-02	
	3 - 2031	0.21	0.46	0.458843162	5.25E-03	

Downtown West San Jose Mixed Use Proiect
Dust From Material Movement

		PM2.5 Emissions - With 55% reduction for watering 2x per day (tons/phase)				
Block	**Phase**	**Total Red**	**Total**	**Grading**	**Truck Loading**	**Bulldozing**
A1		0.00	0.00	0.00		0.00
B1		0.00	0.00	0.00		0.00
C1		0.00	0.00	0.00		0.00
C2		0.00	0.00	0.00		0.00
C3		0.00	0.00	0.00		0.00
D1		0.00	0.00	0.00		0.00
D4		0.00	0.00	0.00		0.00
D5-6		0.00	0.00	0.00		0.00
D7		0.00	0.00	0.00		0.00
D8-13		0.00	0.00	0.00		0.00
E1.1		0.00	0.00	0.00		0.00
E1.2		0.00	0.00	0.00		0.00
F1-F2		0.00	0.00	0.00		0.00
F3		0.00	0.00	0.00		0.00
F4		0.00	0.00	0.00		0.00
F5		0.00	0.00	0.00		0.00
F6		0.00	0.00	0.00		0.00
G1		0.00	0.00	0.00		0.00
H1		0.00	0.00	0.00		0.00
H2		0.00	0.00	0.00		0.00
H3		0.00	0.00	0.00		0.00
H4		0.00	0.00	0.00		0.00
150 SM		0.00	0.00	0.00		0.00
40 SM		0.00	0.00	0.00		0.00
LTA		0.00	0.00	0.00		0.00
Excavation	1 - 2021	0.02	0.04	0.035879539	1.48E-03	
	1 - 2022	0.03	0.07	0.071759079	2.95E-03	
	1 - 2023	0.03	0.07	0.071759079	2.95E-03	
	1 - 2024	0.02	0.04	0.035879539	1.48E-03	
	2a - 2025	0.02	0.04	0.035923162	5.68E-04	
	2a - 2026	0.03	0.07	0.071846324	1.14E-03	
	2a - 2027	0.01	0.02	0.017961581	2.84E-04	
	2b - 2029	0.03	0.07	0.071911758	1.57E-03	
	3 - 2030	0.05	0.10	0.0990886	1.59E-03	
	3 - 2031	0.02	0.05	0.0495443	7.95E-04	

Downtown West San Jose Mixed Use Proiect
Dust From Material Movement

Grading

Equipment Type	**Acres per day**
Crawler tractor	0.5
Graders	0.5
Rubber Tired Dozers	0.5
Scrapers	1

Emission Factor (PM10) $EF_{PM15} = (0.051 \times (S)^{2.0}) \times F_{PM10}$

Emission Factor (PM2.5) $EF_{TSP} = (0.04 \times (S)^{2.5}) \times F_{PM2.5}$

EF =			Emission Facotr lb/VMT
S=		7.1	mean vehicle speed
$F_{PM2.5}$ =		0.031	$PM_{2.5}$ Scaling Factor
F_{PM10} =		0.6	PM_{10} Scaling Factor
EF_{PM10} =	0.051	50.41	0.6
	2.57091		
	1.542546	lbs/VMT	
$EF_{PM2.5}$ =	0.04	134.3216048	0.031
	5.37286419		
	0.16655879	lbs/VMT	

Emissions E = EF x VMT

VMT = (AS/Wb) x 43560 (sqft/acre)/ 5,280 (ft/mile)

E =			Emissions
EF_{PM10} =		1.542546	
$EF_{PM2.5}$=		0.16655879	Emission Facotr lb/VMT
VMT =			Vehicle Miles Traveled
AS=		varies	acreage of the grading site
Wb=		12	width of the blade (ft)

Downtown West San Jose Mixed Use Project

Dust From Material Movement

	Phase	days	# Equipment	acres/day	acres	VMT	PM10 lbs/phase	PM2.5 lbs/phase	PM10 tons/phase	PM2.5 tons/phase
	A1	63	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	B1	60	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	C1	63	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	C2	63	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	C3	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D1	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D4	54	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D5-6	54	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D7	56	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D8-13	109	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	E1.1	44	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	E1.2	56	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F1-F2	58	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F3	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F4	58	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F5	69	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F6	54	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	G1	56	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	H1	56	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	H2	48	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	H3	61	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	H4	48	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	150 SM	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	40 SM	44	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	LTA	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Excavation	1	940	8	4	3760.00	2585.00	3987.48	430.55	1.99	0.22
Excavation	2	549	8	4	2196.00	1509.75	2328.86	251.46	1.16	0.13
Excavation	3	314	8	4	1256.00	863.50	1331.99	143.82	0.67	0.07
Excavation	4	649	8	4	2596.00	1784.75	2753.06	297.27	1.38	0.15

Downtown West San Jose Mixed Use Proiect
Dust From Material Movement

Bulldozing

$EF_{TSP} = ((C_{TSP} * S^{1.2})/M^{1.3}) * EF_{PM2.5}$

$EF_{PM15} = ((C_{PM15} * S^{1.5})/M^{1.4}) * EF_{PM10}$

$E = EFxHr$

Where:

EF =		Emission Facotr lb/VMT
CTSP	5.7	arbitrary coefficient used by AP-42
s	6.9	material silt content (%)
M	7.9	material moisture content (%)
$F_{PM2.5}$ =	0.105	PM2.5 Scaling Factor
F_{PM10} =	0.75	PM10 Scaling Factor

Where:

E =		Emissions (lbs/day)
$EF_{PM2.5}$ =	0.41	Emission Factor PM2.5
EF_{PM10} =	4.29	Emission Factor PM10
Hr =	Varies	Hours of Operation (per day)

Dozer Emissions

Block	Hrs/ day	PM10 (lbs/day)	PM2.5 (lbs/day)	Phase	Days	PM10 (tons/phase)	PM2.5 (tons/phase)
A1	0			2a	63	0.00	0.00
B1	0			2a	60	0.00	0.00
C1	0			3	63	0.00	0.00
C2	0	0.00	0.00	3	63	0.00	0.00
C3	0			3	50	0.00	0.00
D1	0			2b	50	0.00	0.00
D4	0			2b	54	0.00	0.00
D5-6	0			1	54	0.00	0.00
D7	0			1	56	0.00	0.00
D8-13	0			1	109	0.00	0.00
E1.1	0			1	44	0.00	0.00
E1.2	0			1	56	0.00	0.00
F1-F2	0			1	58	0.00	0.00
F3	0			1	50	0.00	0.00
F4	0			1	58	0.00	0.00
F5	0			1	69	0.00	0.00
F6	0			1	54	0.00	0.00
G1	0			1	56	0.00	0.00
H1	0			1	56	0.00	0.00
H2	0			2b	48	0.00	0.00
H3	0			1	61	0.00	0.00
H4	0			2a	48	0.00	0.00
150 SM	0			1	50	0.00	0.00
40 SM	0			1	44	0.00	0.00
LTA	0			1	50	0.00	0.00

Downtown West San Jose Mixed Use Proiect
Dust From Material Movement

Truck Loading - Soils

$EF = k * 0.0032 * ((U/5)^{1.3})/(M/2)^{1.4}))$

Where:

EF =		Emission Factor (lbs/ton)
k_{PM10}=	0.35	particle size multiplier
$k_{PM2.5}$=	0.053	particle size multiplier
U =	4.92	windspeed (mph)
	2.2	m/s
M =	12	moisture content (%)

$E = EF \times TP$

Where:

E =		Emissions (lbs)
EF_{PM10}=	8.93E-05	Emission Factor (lbs/ton)
$EF_{PM2.5}$=	1.35E-05	Emission Factor (lbs/ton)
TP	Varies	Tons of material
	1.2641662	tons per cubic yard default

Loading Emissions

Phase	Years	Months	Total CY	Total Tons	PM10 (lbs/phase)	PM10 (lbs/phase)	PM10 (tons/phase)	PM2.5 (tons/phase)	
1		36	873,825	1,310,738					
	2021	6		218,456	19.51	2.95	9.75E-03	1.48E-03	0.166666667
	2022	12		436,913	39.02	5.91	1.95E-02	2.95E-03	0.333333333
	2023	12		436,913	39.02	5.91	1.95E-02	2.95E-03	0.333333333
	2024	6		218,456	19.51	2.95	9.75E-03	1.48E-03	0.166666667
2a	2a	21	196,078	294,117					
	2025	6		84,033	7.50	1.14	3.75E-03	5.68E-04	0.285714286
	2026	12		168,067	15.01	2.27	7.50E-03	1.14E-03	0.571428571
	2027	3		42,017	3.75	0.57	1.88E-03	2.84E-04	0.142857143
2b	2029	12	154,316	231,474	20.67	3.13	1.03E-02	1.57E-03	1
3		18	235,290	352,935					
	2030	12		235,290	21.01	3.18	1.05E-02	1.59E-03	0.666666667
	2031	6		117,645	10.51	1.59	5.25E-03	7.95E-04	0.333333333

Downtown West San Jose Mixed Use Proiect
Architectural Coating

Summary Emissions

	tons/phase	
Block	**VOC AC**	**VOC Paving**
A1	6.43	0.0000
B1	4.14	0.0000
C1	9.19	0.0267
C2	3.54	0.0431
C3	4.33	0.0075
D1	2.31	0.0188
D4	3.90	0.0258
D5-6	0.29	0.0258
D7	3.04	0.0174
D8-13	0.29	0.0000
E1.1	6.84	0.0328
E1.2	5.84	0.0703
F1-F2	9.80	0.0680
F3	4.70	0.0117
F4	3.65	0.0234
F5	0.45	0.0019
F6	2.78	0.0164
G1	4.72	0.0056
H1	3.35	0.0094
H2	2.60	0.0141
H3	9.48	0.0657
H4	4.58	0.0314
150 SM	0.09	0.0000
40 SM	0.06	0.0000
LTA	0.00	0.0000

Architectural Coating

$E_{AC} = EF_{AC} * (F * A)$

Where:

E_{AC} =			emissions (lb VOC)
EF_{AC} =			emission Factor (lb/sq.ft)
		0.0069	Exterior
		0.0046	Interior
		0.0069	Parking
A =			building sq.ft
	R	2.7	x residential building area
	NR	2	x non-residential building area
		A * 0.06	Parking (area * 6%)
F =		75%	indoor
		25%	exterior

$EF_{AC} = C_{VOC}/454$ (g/lb) * 3.785 (l/Gal) / 180 (sqft)

Where:

EF_{AC} =		emission Factor (lb/dq.ft
C_{VOC} =		VOC content (g/L)
	150	exterior
	100	interior

Downtown West San Jose Mixed Use Proiect
Architectural Coating

150 Parking

Block	NRes Sqft	Res sqft	Exterior	Interior	Multiplier	Parking
A1	1,233,500	0	308,375	925,125	NR	0
B1	795,000	0	198,750	596,250	NR	0
C1	5,200		1,300	3,900	NR	128,250
		975800	243,950	731,850	R	
C2	680,000	0	170,000	510,000	NR	207,000
C3	66,000		16,500	49,500	NR	36,000
		139400	34,850	104,550	R	
D1	14,000		3,500	10,500	NR	90,000
		410000	102,500	307,500	R	
D4	749,000	0	187,250	561,750	NR	123,750
D5-6	56,500	0	14,125	42,375	NR	123,750
D7	584,000	0	146,000	438,000	NR	83,250
D8-13	56,400	0	14,100	42,300	NR	0
E1.1	43,000		10,750	32,250	NR	157,500
		697000	174,250	522,750	R	
E1.2	1,120,000	0	280,000	840,000	NR	337,500
F1-F2	1,881,000	0	470,250	1,410,750	NR	326,250
F3	902,000	0	225,500	676,500	NR	56,250
F4	132,000		33,000	99,000	NR	112,500
		291100	72,775	218,325	R	
F5	87,000	0	21,750	65,250	NR	9,000
F6	13,000		3,250	9,750	NR	78,750
		287000	71,750	215,250	R	
G1	905,500	0	226,375	679,125	NR	27,000
H1	6,500		1,625	4,875	NR	45,000
		352600	88,150	264,450	R	
H2	9,000		2,250	6,750	NR	67,500
		270600	67,650	202,950	R	
H3	96,500		24,125	72,375	NR	315,000
		938900	234,725	704,175	R	
H4	16,500		4,125	12,375	NR	150,750
		475600	118,900	356,700	R	
150 SM	17,200	0	4,300	12,900	NR	0
40 SM	11,700	0	2,925	8,775	NR	0
LTA	0	0	0	0	NR	0

Downtown West San Jose Mixed Use Proiect
Architectural Coating

VOC Emissions - Building Coating

Block	Exterior	Interior	lbs/year	tons/year
A1	4,285	8,570	12,855	6.43
E1.1	2,762	5,523	8,285	4.14
C1	4,594	13,782	18,377	9.19
C2	2,362	4,724	7,086	3.54
C3	883	7,774	8,657	4.33
D1	1,971	2,649	4,620	2.31
D4	2,602	5,204	7,806	3.90
D5-6	196	393	589	0.29
D7	2,029	4,057	6,086	3.04
D8-13	196	392	588	0.29
E1.1	3,418	10,254	13,672	6.84
E1.2	3,891	7,781	11,672	5.84
F1-F2	6,534	13,068	19,602	9.80
F3	3,133	6,267	9,400	4.70
F4	1,824	5,471	7,295	3.65
F5	302	604	907	0.45
F6	1,391	4,173	5,564	2.78
G1	3,145	6,291	9,436	4.72
H1	1,676	5,028	6,704	3.35
H2	1,300	3,901	5,201	2.60
H3	4,738	14,215	18,953	9.48
H4	2,288	6,863	9,151	4.58
150 SM	60	119	179	0.09
40 SM	41	81	122	0.06
LTA	0	0	0	0.00

Downtown West San Jose Mixed Use Proiect
Architectural Coating

VOC Emissions - Paving

Block	Paving	tons/year
A1	0	0.0000
E1.1	0	0.0000
C1	53	0.0267
C2	86	0.0431
C3	15	0.0075
D1	38	0.0188
D4	52	0.0258
D5-6	52	0.0258
D7	35	0.0174
D8-13	0	0.0000
E1.1	66	0.0328
E1.2	141	0.0703
F1-F2	136	0.0680
F3	23	0.0117
F4	47	0.0234
F5	4	0.0019
F6	33	0.0164
G1	11	0.0056
H1	19	0.0094
H2	28	0.0141
H3	131	0.0657
H4	63	0.0314
150 SM	0	0.0000
40 SM	0	0.0000
LTA	0	0.0000

Electricity Emissions

Phase/Block	Phase Name	MT by Phase
A1	Site Preparation	10.57
A1	Building Construction	149.47
A1	Paving	4.41
A1	Arc. Coating	4.72
B1	Site Preparation	10.77
B1	Building Construction	108.88
B1	Paving	6.03
B1	Arc. Coating	1.82
C1	Site Preparation	14.32
C1	Building Construction	138.37
C1	Paving	35.71
C1	Arc. Coating	3.84
C2	Site Preparation	13.31
C2	Building Construction	98.52
C2	Paving	5.36
C2	Arc. Coating	1.72
C3	Site Preparation	1.12
C3	Building Construction	13.46
C3	Paving	1.03
C3	Arc. Coating	0.66
D1	Site Preparation	1.98
D1	Building Construction	15.93
D1	Paving	2.20
D1	Arc. Coating	0.71
D4	Site Preparation	5.99
D4	Building Construction	46.54
D4	Paving	3.35
D4	Arc. Coating	0.72
D5-D6	Site Preparation	2.95
D5-D6	Building Construction	23.67
D5-D6	Paving	3.51
D5-D6	Arc. Coating	1.02
D7	Site Preparation	4.99
D7	Building Construction	66.90
D7	Paving	2.98
D7	Arc. Coating	0.96
D8-D13	Site Preparation	5.90
D8-D13	Building Construction	205.65
D8-D13	Paving	5.73
D8-D13	Arc. Coating	1.84
E1.1	Site Preparation	6.35
E1.1	Building Construction	88.54

E1.1	Paving	3.86
E1.1	Arc. Coating	0.83
E1.2	Site Preparation	11.63
E1.2	Building Construction	172.43
E1.2	Paving	4.97
E1.2	Arc. Coating	5.32
F1-F2	Site Preparation	11.50
F1-F2	Building Construction	202.00
F1-F2	Paving	6.51
F1-F2	Arc. Coating	5.23
F3	Site Preparation	2.47
F3	Building Construction	19.91
F3	Paving	2.64
F3	Arc. Coating	0.85
F4	Site Preparation	3.03
F4	Building Construction	63.21
F4	Paving	3.26
F4	Arc. Coating	1.05
F5	Site Preparation	3.91
F5	Building Construction	31.07
F5	Paving	4.04
F5	Arc. Coating	1.30
F6	Site Preparation	3.09
F6	Building Construction	24.75
F6	Paving	3.19
F6	Arc. Coating	1.02
G1	Site Preparation	4.98
G1	Building Construction	42.32
G1	Paving	2.97
G1	Arc. Coating	0.95
H1	Site Preparation	5.24
H1	Building Construction	44.54
H1	Paving	3.14
H1	Arc. Coating	1.01
H2	Site Preparation	1.90
H2	Building Construction	15.29
H2	Paving	2.11
H2	Arc. Coating	0.68
H3	Site Preparation	13.72
H3	Building Construction	122.26
H3	Paving	3.20
H3	Arc. Coating	4.11
H4	Site Preparation	2.14
H4	Building Construction	44.92
H4	Paving	2.39
H4	Arc. Coating	0.77
150 SM	Site Preparation	4.65

150 SM	Building Construction	57.74
150 SM	Paving	2.79
150 SM	Arc. Coating	0.90
40 SM	Site Preparation	4.07
40 SM	Building Construction	50.90
40 SM	Paving	2.57
40 SM	Arc. Coating	0.83
LTA B1-1	Paving	0.13
LTA B1-2	Paving	0.13
LTA B1-3	Paving	0.08
LTA B1-4	Paving	0.05
LTA B1-4	Paving	0.05
Excavation	1	52.43
Excavation	2a	9.82
Excavation	2b	6.19
Excavation	3	12.18

kW/hp	lbs/MT
0.7457	2204.622622

Start Year	Phase/Block	Phase Name	Equipment	HP	HP Class	KW	Load Factor	Total Hours	Total kWh	Total MWh	Lbs	MT
2027	A1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,504	90,855	91	19,461	8.83
2027	A1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	376	17,947	18	3,844	1.74
2027	A1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2027	A1	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	31,318	1,471,289	1,471	315,150	142.95
2027	A1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Welders	46	25-49	34.3022	1.00	1,957	67,142	67	14,382	6.52
2029	A1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	A1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	A1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	A1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	A1	Paving	Concrete Saw	81	75-119	60.4017	1.00	846	51,106	51	9,731	4.41
2029	A1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	940	54,681	55	10,411	4.72
2026	B1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,452	87,674	88	19,823	8.99
2026	B1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	363	17,318	17	3,916	1.78
2026	B1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2026	B1	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	18,915	888,630	889	200,919	91.14
2026	B1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Welders	46	25-49	34.3022	1.00	5,044	173,024	173	39,121	17.74
2028	B1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2028	B1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2028	B1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2028	B1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2028	B1	Paving	Concrete Saw	81	75-119	60.4017	1.00	1,089	65,756	66	13,302	6.03
2029	B1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	363	21,107	21	4,019	1.82
2029	C1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	2,251	135,985	136	25,891	11.74
2029	C1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	625	29,846	30	5,683	2.58
2029	C1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00

2029	C1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	C1	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	31,252	1,468,196	1,468	279,545	126.80
2029	C1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Welders	46	25-49	34.3022	1.00	3,907	134,002	134	25,514	11.57
2031	C1	Paving	Concrete Saw	81	75-119	60.4017	1.00	7,813	471,920	472	78,716	35.71
2031	C1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2031	C1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2031	C1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2031	C1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2032	C1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	938	54,562	55	8,457	3.84
2029	C2	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	2,254	136,134	136	25,920	11.76
2029	C2	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	376	17,927	18	3,413	1.55
2029	C2	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	C2	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	20,325	954,830	955	181,800	82.46
2029	C2	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Welders	46	25-49	34.3022	1.00	5,420	185,914	186	35,398	16.06
2031	C2	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2031	C2	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2031	C2	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2031	C2	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2031	C2	Paving	Concrete Saw	81	75-119	60.4017	1.00	1,174	70,900	71	11,826	5.36
2031	C2	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	391	22,758	23	3,796	1.72
2030	C3	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	150	9,058	9	1,617	0.73
2030	C3	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	100	4,771	5	852	0.39
2030	C3	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00

2030	C3	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2030	C3	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,154	148,153	148	26,445	12.00
2030	C3	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Welders	46	25-49	34.3022	1.00	526	18,029	18	3,218	1.46
2031	C3	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2031	C3	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2031	C3	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2031	C3	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2031	C3	Paving	Concrete Saw	81	75-119	60.4017	1.00	225	13,587	14	2,266	1.03
2031	C3	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	150	8,723	9	1,455	0.66
2029	D1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	300	18,141	18	3,454	1.57
2029	D1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	100	4,778	5	910	0.41
2029	D1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	D1	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,158	148,347	148	28,245	12.81
2029	D1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Welders	46	25-49	34.3022	1.00	1,053	36,106	36	6,874	3.12
2030	D1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2030	D1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2030	D1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	D1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2030	D1	Paving	Concrete Saw	81	75-119	60.4017	1.00	451	27,212	27	4,857	2.20
2030	D1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	150	8,735	9	1,559	0.71
2029	D4	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	976	58,971	59	11,228	5.09
2029	D4	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	217	10,354	10	1,971	0.89
2029	D4	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	D4	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00

2029	D4	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	10,226	480,411	480	91,470	41.49
2029	D4	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Welders	46	25-49	34.3022	1.00	1,704	58,463	58	11,131	5.05
2031	D4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2031	D4	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2031	D4	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2031	D4	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2031	D4	Paving	Concrete Saw	81	75-119	60.4017	1.00	732	44,229	44	7,377	3.35
2031	D4	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	163	9,465	9	1,579	0.72
2023	D5-D6	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	326	19,682	20	5,153	2.34
2023	D5-D6	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	109	5,184	5	1,357	0.62
2023	D5-D6	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2023	D5-D6	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,413	160,330	160	41,974	19.04
2023	D5-D6	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Welders	46	25-49	34.3022	1.00	1,138	39,022	39	10,216	4.63
2023	D5-D6	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2023	D5-D6	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2023	D5-D6	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D5-D6	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D5-D6	Paving	Concrete Saw	81	75-119	60.4017	1.00	489	29,523	30	7,729	3.51
2025	D5-D6	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	163	9,477	9	2,255	1.02
2025	D7	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	676	40,855	41	9,723	4.41
2025	D7	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	113	5,380	5	1,280	0.58
2025	D7	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	D7	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	10,609	498,387	498	118,616	53.80
2025	D7	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Welders	46	25-49	34.3022	1.00	3,536	121,300	121	28,869	13.09
2027	D7	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	D7	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	D7	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00

2027	D7	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	D7	Paving	Concrete Saw	81	75-119	60.4017	1.00	507	30,641	31	6,563	2.98
2027	D7	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	169	9,835	10	2,107	0.96
2023	D8-D13	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	651	39,339	39	10,299	4.67
2023	D8-D13	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	217	10,361	10	2,712	1.23
2023	D8-D13	Site Preparation	Excavator (Small 150 HP)	150	120-174	111.855	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Trench Roller (25 HP)	25	25-49	18.6425	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2023	D8-D13	Building Construction	Cranes (220 HP mobile crane)	220	175-299	164.054	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	33,336	1,566,095	1,566	410,004	185.97
2023	D8-D13	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	13,334	89,491	89	23,429	10.63
2023	D8-D13	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Welders	46	25-49	34.3022	1.00	2,222	76,233	76	19,958	9.05
2027	D8-D13	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	D8-D13	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	D8-D13	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	D8-D13	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	D8-D13	Paving	Concrete Saw	81	75-119	60.4017	1.00	977	59,009	59	12,640	5.73
2027	D8-D13	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	326	18,941	19	4,057	1.84
2024	E1.1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	789	47,639	48	11,905	5.40
2024	E1.1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	175	8,365	8	2,090	0.95
2024	E1.1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	E1.1	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	13,917	653,788	654	163,382	74.11
2024	E1.1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Welders	46	25-49	34.3022	1.00	3,711	127,298	127	31,812	14.43
2025	E1.1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	E1.1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	E1.1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	E1.1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	E1.1	Paving	Concrete Saw	81	75-119	60.4017	1.00	592	35,730	36	8,504	3.86
2025	E1.1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	131	7,646	8	1,820	0.83
2023	E1.2	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,354	81,809	82	21,418	9.71
2023	E1.2	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	339	16,160	16	4,231	1.92
2023	E1.2	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00

2023	E1.2	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2023	E1.2	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	28,323	1,330,577	1,331	348,345	158.01
2023	E1.2	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Welders	46	25-49	34.3022	1.00	3,540	121,442	121	31,793	14.42
2025	E1.2	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	E1.2	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	E1.2	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	E1.2	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	E1.2	Paving	Concrete Saw	81	75-119	60.4017	1.00	762	46,018	46	10,952	4.97
2025	E1.2	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	847	49,237	49	11,718	5.32
2024	F1-F2	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,402	84,692	85	21,165	9.60
2024	F1-F2	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	351	16,729	17	4,181	1.90
2024	F1-F2	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	36,597	1,719,274	1,719	429,647	194.88
2024	F1-F2	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Welders	46	25-49	34.3022	1.00	1,830	62,767	63	15,686	7.11
2026	F1-F2	Paving	Concrete Saw	81	75-119	60.4017	1.00	1,052	63,519	64	14,362	6.51
2026	F1-F2	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	F1-F2	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	F1-F2	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	F1-F2	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	F1-F2	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	876	50,972	51	11,525	5.23
2025	F3	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	300	18,141	18	4,318	1.96
2025	F3	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	F3	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	100	4,778	5	1,137	0.52

2025	F3	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,158	148,347	148	35,306	16.01
2025	F3	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Welders	46	25-49	34.3022	1.00	1,053	36,106	36	8,593	3.90
2027	F3	Paving	Concrete Saw	81	75-119	60.4017	1.00	451	27,212	27	5,829	2.64
2027	F3	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	F3	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	F3	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	F3	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	F3	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	150	8,735	9	1,871	0.85
2024	F4	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	351	21,173	21	5,291	2.40
2024	F4	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	F4	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	117	5,576	6	1,394	0.63
2024	F4	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	10,979	515,782	516	128,894	58.47
2024	F4	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Welders	46	25-49	34.3022	1.00	1,220	41,845	42	10,457	4.74
2026	F4	Paving	Concrete Saw	81	75-119	60.4017	1.00	526	31,760	32	7,181	3.26
2026	F4	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	F4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	F4	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	F4	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	F4	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	175	10,194	10	2,305	1.05
2022	F5	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	413	24,950	25	6,829	3.10
2022	F5	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2022	F5	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	138	6,571	7	1,799	0.82
2022	F5	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	4,285	201,307	201	55,098	24.99
2022	F5	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00

2022	F5	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Welders	46	25-49	34.3022	1.00	1,428	48,995	49	13,410	6.08
2025	F5	Paving	Concrete Saw	81	75-119	60.4017	1.00	620	37,426	37	8,907	4.04
2025	F5	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F5	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	F5	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	F5	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	F5	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	207	12,013	12	2,859	1.30
2022	F6	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	326	19,682	20	5,387	2.44
2022	F6	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2022	F6	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	109	5,184	5	1,419	0.64
2022	F6	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,413	160,330	160	43,882	19.90
2022	F6	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Welders	46	25-49	34.3022	1.00	1,138	39,022	39	10,680	4.84
2025	F6	Paving	Concrete Saw	81	75-119	60.4017	1.00	489	29,523	30	7,026	3.19
2025	F6	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F6	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	F6	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	F6	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	F6	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	163	9,477	9	2,255	1.02
2025	G1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	675	40,756	41	9,700	4.40
2025	G1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	G1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	112	5,367	5	1,277	0.58
2025	G1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	7,056	331,485	331	78,893	35.79
2025	G1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Welders	46	25-49	34.3022	1.00	1,764	60,509	61	14,401	6.53
2027	G1	Paving	Concrete Saw	81	75-119	60.4017	1.00	506	30,567	31	6,547	2.97
2027	G1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	G1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	G1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00

2027	G1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	G1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	169	9,812	10	2,102	0.95
2024	H1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	676	40,855	41	10,210	4.63
2024	H1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	H1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	113	5,380	5	1,344	0.61
2024	H1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	7,072	332,258	332	83,031	37.66
2024	H1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Welders	46	25-49	34.3022	1.00	1,768	60,650	61	15,156	6.87
2026	H1	Paving	Concrete Saw	81	75-119	60.4017	1.00	507	30,641	31	6,928	3.14
2026	H1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	H1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	H1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	H1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	H1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	169	9,835	10	2,224	1.01
2029	H2	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	288	17,371	17	3,307	1.50
2029	H2	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	H2	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	96	4,575	5	871	0.40
2029	H2	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,030	142,355	142	27,104	12.29
2029	H2	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Welders	46	25-49	34.3022	1.00	1,010	34,647	35	6,597	2.99
2030	H2	Paving	Concrete Saw	81	75-119	60.4017	1.00	431	26,056	26	4,651	2.11
2030	H2	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	H2	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2030	H2	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2030	H2	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2030	H2	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	144	8,364	8	1,493	0.68
2025	H3	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,816	109,717	110	26,113	11.84
2025	H3	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	H3	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00

2025	H3	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	363	17,338	17	4,126	1.87
2025	H3	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	22,723	1,067,515	1,068	254,069	115.24
2025	H3	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Welders	46	25-49	34.3022	1.00	1,894	64,955	65	15,459	7.01
2027	H3	Paving	Concrete Saw	81	75-119	60.4017	1.00	545	32,915	33	7,050	3.20
2027	H3	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	H3	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	H3	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	H3	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	H3	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	727	42,261	42	9,052	4.11
2027	H4	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	288	17,396	17	3,726	1.69
2027	H4	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2027	H4	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	96	4,582	5	981	0.45
2027	H4	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	9,103	427,644	428	91,601	41.55
2027	H4	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Cranes	231	175-299	172.2567	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Welders	46	25-49	34.3022	1.00	1,011	34,694	35	7,432	3.37
2028	H4	Paving	Concrete Saw	81	75-119	60.4017	1.00	432	26,094	26	5,279	2.39
2028	H4	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2028	H4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2028	H4	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2028	H4	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2028	H4	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	144	8,376	8	1,694	0.77
2024	150 SM	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	601	36,282	36	9,067	4.11
2024	150 SM	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	100	4,778	5	1,194	0.54
2024	150 SM	Site Preparation	Excavator (Small 150 HP)	150	120-174	111.855	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Trench Roller (25 HP)	25	25-49	18.6425	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00

2024	150 SM	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	150 SM	Building Construction	Cranes (220 HP mobile crane)	220	175-299	164.054	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	9,473	445,040	445	111,215	50.45
2024	150 SM	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	4,210	28,256	28	7,061	3.20
2024	150 SM	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Welders	46	25-49	34.3022	1.00	1,053	36,106	36	9,023	4.09
2026	150 SM	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	150 SM	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	150 SM	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	150 SM	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	150 SM	Paving	Concrete Saw	81	75-119	60.4017	1.00	451	27,212	27	6,153	2.79
2026	150 SM	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	150	8,735	9	1,975	0.90
2024	40 SM	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	526	31,760	32	7,937	3.60
2024	40 SM	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	88	4,182	4	1,045	0.47
2024	40 SM	Site Preparation	Excavator (Small 150 HP)	150	120-174	111.855	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	40 SM	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Trench Roller (25 HP)	25	25-49	18.6425	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Cranes (220 HP mobile crane)	220	175-299	164.054	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Forklifts	89	75-119	66.3673	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	8,350	392,273	392	98,029	44.47
2024	40 SM	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	3,711	24,906	25	6,224	2.82
2024	40 SM	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Welders	46	25-49	34.3022	1.00	928	31,825	32	7,953	3.61
2025	40 SM	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	40 SM	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	40 SM	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	40 SM	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	40 SM	Paving	Concrete Saw	81	75-119	60.4017	1.00	394	23,820	24	5,669	2.57
2025	40 SM	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	131	7,646	8	1,820	0.83
2025	LTA B1-1	Paving	Concrete/Industrial Saws	81	75-119	60.4017	1.00	13	777	1	185	0.08
2025	LTA B1-1	Paving	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2025	LTA B1-1	Paving	Sweepers/Scrubbers	64	50-74	47.7248	1.00	9	409	0	97	0.04
2025	LTA B1-1	Paving	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2025	LTA B1-2	Paving	Concrete/Industrial Saws	81	75-119	60.4017	1.00	13	777	1	185	0.08
2025	LTA B1-2	Paving	Cement and Mortar Mixers	9	<25	6.7113	1.00	0	0	0	0	0.00
2025	LTA B1-2	Paving	Sweepers/Scrubbers	64	50-74	47.7248	1.00	9	409	0	97	0.04
2025	LTA B1-2	Paving	Pressure Washer	13	<25	9.6941	1.00	0	0	0	0	0.00
2025	LTA B1-3	Paving	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	LTA B1-3	Paving	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	LTA B1-3	Paving	Cranes (220 HP mobile crane)	220	175-299	164.054	1.00	0	0	0	0	0.00
2025	LTA B1-3	Paving	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	116	779	1	185	0.08
2025	LTA B1-4	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	LTA B1-4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	LTA B1-4	Paving	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	69	460	0	110	0.05
2025	LTA B1-4	Paving	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	LTA B1-4	Paving	Excavator (Small 150 HP)	150	120-174	111.855	1.00	0	0	0	0	0.00
2025	LTA B1-4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	LTA B1-4	Paving	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	69	460	0	110	0.05
2025	LTA B1-4	Paving	Generator Sets	84	75-119	62.6388	1.00	0	0	0	0	0.00
2021	Excavation	1	E - Excavators	270	175-299	201.339	0.38	0	0	0	0	0.00
2021	Excavation	1	E - Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00

2021	Excavation	1	E - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2021	Excavation	1	E - Pressure Washers	13	<25	9.6941	0.30	0	0	0	0	0.00
2021	Excavation	1	E - Pumps	84	75-119	62.6388	0.74	0	0	0	0	0.00
2021	Excavation	1	E - Bore/Drill Rigs	350	300-599	260.995	0.50	0	0	0	0	0.00
2021	Excavation	1	E - Ground anchoring	215	175-299	160.3255	0.30	0	0	0	0	0.00
2021	Excavation	1	lobile Concrete Pump - Tier 4 I	350	300-599	260.995	0.40	0	0	0	0	0.00
2021	Excavation	1	E - Tractors/Loaders/Backhoes	103	75-119	76.8071	0.37	0	0	0	0	0.00
2021	Excavation	1	E - Aerial Lifts	63	50-74	46.9791	0.31	5,640	82,138	82	23,459	10.64
2021	Excavation	1	E - Air Compressors	78	75-119	58.1646	0.48	5,640	157,463	157	44,971	20.40
2021	Excavation	1	E - Generator Sets	84	75-119	62.6388	0.74	0	0	0	0	0.00
2021	Excavation	1	E - Sweepers/Scrubbers	64	50-74	47.7248	0.46	7,520	165,090	165	47,150	21.39
2021	Excavation	1	ER- Graders	187	175-299	139.4459	0.41	0	0	0	0	0.00
2021	Excavation	1	ER -Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2021	Excavation	1	ER -Excavators	270	175-299	201.339	0.20	0	0	0	0	0.00
2021	Excavation	1	ER -Trenchers	78	75-119	58.1646	0.50	0	0	0	0	0.00
2021	Excavation	1	ER - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2021	Excavation	1	ER - Skid Steer Loaders	103	75-119	76.8071	0.37	0	0	0	0	0.00
2021	Excavation	1	ER - Pressure Washers	13	<25	9.6941	0.30	0	0	0	0	0.00
2021	Excavation	1	ER - Plate Compactors	8	<25	5.9656	0.43	0	0	0	0	0.00
2025	Excavation	2a	E - Excavators	270	175-299	201.339	0.38	0	0	0	0	0.00
2025	Excavation	2a	E - Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2025	Excavation	2a	E - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2025	Excavation	2a	E - Pressure Washers	13	<25	9.6941	0.30	0	0	0	0	0.00
2025	Excavation	2a	E - Pumps	84	75-119	62.6388	0.74	0	0	0	0	0.00
2025	Excavation	2a	E - Bore/Drill Rigs	350	300-599	260.995	0.50	0	0	0	0	0.00
2025	Excavation	2a	E - Ground anchoring	215	175-299	160.3255	0.30	0	0	0	0	0.00
2025	Excavation	2a	lobile Concrete Pump - Tier 4 I	350	300-599	260.995	0.40	0	0	0	0	0.00
2025	Excavation	2a	E - Tractors/Loaders/Backhoes	103	75-119	76.8071	0.37	0	0	0	0	0.00
2025	Excavation	2a	E - Aerial Lifts	63	50-74	46.9791	0.31	1,267	18,453	18	4,392	1.99
2025	Excavation	2a	E - Air Compressors	78	75-119	58.1646	0.48	1,267	35,376	35	8,420	3.82
2025	Excavation	2a	E - Generator Sets	84	75-119	62.6388	0.74	0	0	0	0	0.00
2025	Excavation	2a	E - Sweepers/Scrubbers	64	50-74	47.7248	0.46	1,689	37,090	37	8,827	4.00
2025	Excavation	2a	ER- Graders	187	175-299	139.4459	0.41	0	0	0	0	0.00
2025	Excavation	2a	ER -Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2025	Excavation	2a	ER -Excavators	270	175-299	201.339	0.20	0	0	0	0	0.00
2025	Excavation	2a	ER -Trenchers	78	75-119	58.1646	0.50	0	0	0	0	0.00
2025	Excavation	2a	ER - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2025	Excavation	2a	ER - Skid Steer Loaders	103	75-119	76.8071	0.37	0	0	0	0	0.00
2025	Excavation	2a	ER - Pressure Washers	13	<25	9.6941	0.30	0	0	0	0	0.00
2025	Excavation	2a	ER - Plate Compactors	8	<25	5.9656	0.43	0	0	0	0	0.00
2029	Excavation	2b	E - Excavators	270	175-299	201.339	0.38	0	0	0	0	0.00
2029	Excavation	2b	E - Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2029	Excavation	2b	E - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2029	Excavation	2b	E - Pressure Washers	13	<25	9.6941	0.30	0	0	0	0	0.00
2029	Excavation	2b	E - Pumps	84	75-119	62.6388	0.74	0	0	0	0	0.00
2029	Excavation	2b	E - Bore/Drill Rigs	350	300-599	260.995	0.50	0	0	0	0	0.00
2029	Excavation	2b	E - Ground anchoring	215	175-299	160.3255	0.30	0	0	0	0	0.00
2029	Excavation	2b	lobile Concrete Pump - Tier 4 I	350	300-599	260.995	0.40	0	0	0	0	0.00
2029	Excavation	2b	E - Tractors/Loaders/Backhoes	103	75-119	76.8071	0.37	0	0	0	0	0.00
2029	Excavation	2b	E - Aerial Lifts	63	50-74	46.9791	0.31	998	14,536	15	2,768	1.26
2029	Excavation	2b	E - Air Compressors	78	75-119	58.1646	0.48	998	27,867	28	5,306	2.41
2029	Excavation	2b	E - Generator Sets	84	75-119	62.6388	0.74	0	0	0	0	0.00
2029	Excavation	2b	E - Sweepers/Scrubbers	64	50-74	47.7248	0.46	1,331	29,217	29	5,563	2.52
2029	Excavation	2b	ER- Graders	187	175-299	139.4459	0.41	0	0	0	0	0.00
2029	Excavation	2b	ER -Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2029	Excavation	2b	ER -Excavators	270	175-299	201.339	0.20	0	0	0	0	0.00
2029	Excavation	2b	ER -Trenchers	78	75-119	58.1646	0.50	0	0	0	0	0.00
2029	Excavation	2b	ER - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2029	Excavation	2b	ER - Skid Steer Loaders	103	75-119	76.8071	0.37	0	0	0	0	0.00
2029	Excavation	2b	ER - Pressure Washers	13	<25	9.6941	0.30	0	0	0	0	0.00
2029	Excavation	2b	ER - Plate Compactors	8	<25	5.9656	0.43	0	0	0	0	0.00
2030	Excavation	3	E - Excavators	270	175-299	201.339	0.38	0	0	0	0	0.00
2030	Excavation	3	E - Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2030	Excavation	3	E - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2030	Excavation	3	E - Pressure Washers	13	<25	9.6941	0.30	0	0	0	0	0.00
2030	Excavation	3	E - Pumps	84	75-119	62.6388	0.74	0	0	0	0	0.00
2030	Excavation	3	E - Bore/Drill Rigs	350	300-599	260.995	0.50	0	0	0	0	0.00
2030	Excavation	3	E - Ground anchoring	215	175-299	160.3255	0.30	0	0	0	0	0.00
2030	Excavation	3	lobile Concrete Pump - Tier 4 I	350	300-599	260.995	0.40	0	0	0	0	0.00
2030	Excavation	3	E - Tractors/Loaders/Backhoes	103	75-119	76.8071	0.37	0	0	0	0	0.00

2030	Excavation	3	E - Aerial Lifts	63	50-74	46.9791	0.31	2,097	30,540	31	5,451	2.47
2030	Excavation	3	E - Air Compressors	78	75-119	58.1646	0.48	2,097	58,547	59	10,451	4.74
2030	Excavation	3	E - Generator Sets	84	75-119	62.6388	0.74	0	0	0	0	0.00
2030	Excavation	3	E - Sweepers/Scrubbers	64	50-74	47.7248	0.46	2,796	61,383	61	10,957	4.97
2030	Excavation	3	ER- Graders	187	175-299	139.4459	0.41	0	0	0	0	0.00
2030	Excavation	3	ER -Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2030	Excavation	3	ER -Excavators	270	175-299	201.339	0.20	0	0	0	0	0.00
2030	Excavation	3	ER -Trenchers	78	75-119	58.1646	0.50	0	0	0	0	0.00
2030	Excavation	3	ER - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2030	Excavation	3	ER - Skid Steer Loaders	103	75-119	76.8071	0.37	0	0	0	0	0.00
2030	Excavation	3	ER - Pressure Washers	13	<25	9.6941	0.30	0	0	0	0	0.00
2030	Excavation	3	ER - Plate Compactors	8	<25	5.9656	0.43	0	0	0	0	0.00

CalEEMod Default Emission Factors by Tier and Horsepower Class (g/bhp-hr)

Tier	HP	ROG	NO_x	CO	SO_2	PM10	PM2.5
Tier 3	<25						
	25-49	0.29	4.63	4.1	0.1234	0.28	0.28
	50-74	0.12	2.74	3.7	0.005	0.192	0.192
	75-119	0.12	2.74	3.7	0.006	0.192	0.192
	120-174	0.12	2.32	3.7	0.005	0.112	0.112
	175-299	0.12	2.32	2.6	0.005	0.088	0.088
	300-599	0.12	2.32	2.6	0.005	0.088	0.088
	600-750	0.12	2.32	2.6		0.088	0.088
	751-2000	0.12	2.32	2.6		0.088	0.088
Tier 3 w/DPF	<25						
	25-49	0.29	4.63	4.1	0.1234	0.042	0.042
	50-74	0.12	2.74	3.7	0.005	0.0288	0.0288
	75-119	0.12	2.74	3.7	0.006	0.0288	0.0288
	120-174	0.12	2.32	3.7	0.005	0.0168	0.0168
	175-299	0.12	2.32	2.6	0.005	0.0132	0.0132
	300-599	0.12	2.32	2.6	0.005	0.0132	0.0132
	600-750	0.12	2.32	2.6		0.0132	0.0132
	751-2000	0.12	2.32	2.6		0.0132	0.0132
Tier 4 Interim	<25						
	25-49	0.12	4.55	4.1	0.1234	0.128	0.128
	50-74	0.12	2.74	3.7	0.005	0.112	0.112
	75-119	0.11	2.14	3.7	0.006	0.008	0.008
	120-174	0.06	2.15	3.7	0.005	0.008	0.008
	175-299	0.08	1.29	2.6	0.005	0.008	0.008
	300-599	0.08	1.29	2.6	0.005	0.008	0.008
	600-750	0.08	1.29	2.6		0.008	0.008
	751-2000	0.12	2.24	2.6		0.048	0.048
Tier 4 Final	<25						
	25-49	0.12	2.75	4.1	0.1234	0.008	0.008
	50-74	0.12	2.74	3.7	0.005	0.008	0.008
	75-119	0.06	0.26	3.7	0.006	0.008	0.008
	120-174	0.06	0.26	3.7	0.005	0.008	0.008
	175-299	0.06	0.26	2.6	0.005	0.008	0.008
	300-599	0.06	0.26	2.6	0.005	0.008	0.008
	600-750	0.06	0.26	2.6		0.008	0.008
	751-2000	0.06	2.24	2.6		0.016	0.016

Load Factors

Equipment		LF	HP				
Aerial Lifts		1	63				
Air Compressors		1	78				
Bore/Drill Rigs		0.5	470				
Cement and Mortar Mixers		1	9				

Cement and Mortar Mixers - E	1	9	
Concrete/Industrial Saws	1	81	
Concrete Saw	1	81	
Concrete Pumps	1	84	
Cranes	1	231	
Cranes (220 HP mobile crane)	1	220	
crawler tractor	1	212	
crushing/Proc. Equipment	1	85	
Dumpers/Tenders	1	16	
Excavator	1	158	
Excavator (Small 150 HP)	1	150	
Excavators	1	158	
Forklifts	1	89	
Generator Sets	1	84	
Graders	1	187	
Off-Highway Tractors	1	124	
Off-Highway Trucks	1	402	
Other Construction Equipment	1	172	
Other General Industrial Equipment	1	88	
Other Material Handling Equipment	1	168	
Pavers	1	130	
Paving Equipment	1	132	
Pile Drivers	0.5	470	
Plate Compactors	1	8	
Pressure Washer	1	13	
Pumps	1	84	
Rollers	1	80	
Rough Terraine Forklifts	1	100	
Rubber Tired Dozers	1	247	
Rubber Tired Loaders	1	203	
Scrappers	1	367	
Signal Boards	1	6	
Skid-Steer Loaders	1	65	
Surfacing Equipment	1	263	
Sweepers/Scrubbers	1	64	
Tractors/Loaders/Backhoes	1	97	
Trench Roller (25 HP)	1	25	
Trenchers	1	78	
Water Trucks	1	402	
Welders	1	46	
E - Excavators	0.38	270	
E - Rubber Tired Dozers	0.4	170	
E - Off-Highway Trucks	0.38	300	
E - Pressure Washers	0.3	13	
E - Pumps	0.74	84	
E - Bore/Drill Rigs	0.5	350	470
E - Ground anchoring	0.3	215	
E - Mobile Concrete Pump - Tier 4 Diesel	0.4	350	
E - Tractors/Loaders/Backhoes	0.37	103	

E - Aerial Lifts	0.31	63
E - Air Compressors	0.48	78
E - Generator Sets	0.74	84
E - Sweepers/Scrubbers	0.46	64
ER- Graders	0.41	187
ER -Rubber Tired Dozers	0.4	170
ER -Excavators	0.2	270
ER -Trenchers	0.5	78
ER - Off-Highway Trucks	0.38	300
ER - Skid Steer Loaders	0.37	103
ER - Pressure Washers	0.3	13
ER - Plate Compactors	0.43	8

	HP	ROG	CO	Nox	SO2	PM10	PM2.5	CO2	CH4	% T3	%T3/DPF	%T4I	%T4F
Aerial Lifts	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	515.3354	0.132909091	1.00%	1.00%	3.00%	95.00%
Air Compressors	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2991	0.070590909	1.00%	1.00%	3.00%	95.00%
Cement and Mortar Mixers	<25	0.661	3.47	4.142	0.008	0.161	0.161	568.299	0.059				
Cement and Mortar Mixers - E	<25	0.661	3.47	4.142	0.008	0.161	0.161	568.299	0.059				
Concrete Pumps	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2992	0.059045455	1.00%	1.00%	3.00%	95.00%
Concrete Saw	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2992	0.062727273	1.00%	1.00%	3.00%	95.00%
Concrete/Industrial Saws	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2992	0.062727273	1.00%	1.00%	3.00%	95.00%
Cranes	175-299	0.06	2.6	0.26	0.005	0.008	0.008	516.7826	0.130363636	0.00%	0.00%	0.00%	100.00%
Cranes (220 HP mobile crane)	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	516.7826	0.130363636	1.00%	1.00%	3.00%	95.00%
Excavator	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	515.4982	0.130909091	1.00%	1.00%	3.00%	95.00%
Excavators	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	515.4982	0.130909091	1.00%	1.00%	3.00%	95.00%
Excavator (Small 150 HP)	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	515.4982	0.130909091	1.00%	1.00%	3.00%	95.00%
Forklifts	75-119	0.0627	3.7	0.366	0.005	0.010048	0.010048	514.8884	0.137818182	1.00%	1.00%	3.00%	95.00%
Generator Sets	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.299	0.056681818	1.00%	1.00%	3.00%	95.00%
Off-Highway Trucks	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	517.7957	0.128136364	1.00%	1.00%	3.00%	95.00%
Pavers	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	515.7403	0.131909091	1.00%	1.00%	3.00%	95.00%
Pile Drivers	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	515.3473	0.128272727	1.00%	1.00%	3.00%	95.00%
Plate Compactors	<25	3.89994	3.469	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				
Pressure Washer	<25	3.89994	3.546	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				
Pumps	75-119	0.25191		0.69		0.05964	0.05952	697.1326	0.445797731	1.00%	1.00%	3.00%	95.00%
Rollers	75-119	0.0627	3.7	0.366	0.005	0.010048	0.010048	516.8355	0.138	1.00%	1.00%	3.00%	95.00%
Rubber Tired Dozers	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	516.8355	0.138	1.00%	1.00%	3.00%	95.00%
Skid-Steer Loaders	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	515.5436	0.135	1.00%	1.00%	3.00%	95.00%
Surfacing Equipment	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	515.5436	0.135	1.00%	1.00%	3.00%	95.00%
Sweepers/Scrubbers	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	516.8631	0.136909091	1.00%	1.00%	3.00%	95.00%
Tractors/Loaders/Backhoes	75-119	0.0627	3.7	0.366	0.005	0.010048	0.010048	519.2025	0.138136364	1.00%	1.00%	3.00%	95.00%
Trench Roller (25 HP)	25-49	0.1234	0.1234	0.1234	0.1234	0.1234	0.1234	557.6449	0.152727273	1.00%	1.00%	3.00%	95.00%
Water Trucks	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	517.7957	0.128136364	1.00%	1.00%	3.00%	95.00%
Welders	25-49	0.1234	0.1234	0.1234	0.1234	0.1234	0.1234	568.2992	0.142545455	1.00%	1.00%	3.00%	95.00%
E - Excavators	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	568.2992	0.142545455	1.00%	1.00%	3.00%	95.00%
E - Rubber Tired Dozers	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	516.3967	0.134227273	1.00%	1.00%	3.00%	95.00%
E - Off-Highway Trucks	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	517.7957	0.128136364	1.00%	1.00%	3.00%	95.00%
E - Pressure Washers	<25	3.89994	3.546	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				
E - Pumps	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2992	0.059045455	1.00%	1.00%	3.00%	95.00%
E - Bore/Drill Rigs	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	509.5728	0.119772727	1.00%	1.00%	3.00%	95.00%
E - Ground anchoring	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	509.5728	0.119772727	1.00%	1.00%	3.00%	95.00%
E - Mobile Concrete Pump - Tier 4 Diesel	300-599	0.06	2.6	0.26	0.005	0.008	0.008	568.2993	0.028	0.00%	0.00%	0.00%	100.00%
E - Tractors/Loaders/Backhoes	75-119	0.0627	3.663	0.366	0.005	0.010048	0.010048	519.2025	0.138136364	1.00%	1.00%	3.00%	95.00%
E - Aerial Lifts	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	515.3354	0.132909091	1.00%	1.00%	3.00%	95.00%
E - Air Compressors	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2991	0.070590909	1.00%	1.00%	3.00%	95.00%
E - Generator Sets	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.299	0.056681818	1.00%	1.00%	3.00%	95.00%
E - Sweepers/Scrubbers	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	516.8631	0.136909091	1.00%	1.00%	3.00%	95.00%
ER- Graders	175-299	0.0618	2.574	0.3321	0.005	0.008852	0.008852	516.8631	0.136909091	1.00%	1.00%	3.00%	95.00%
ER -Rubber Tired Dozers	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	516.3967	0.134227273	1.00%	1.00%	3.00%	95.00%
ER -Excavators	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	516.3967	0.134227273	1.00%	1.00%	3.00%	95.00%
ER -Trenchers	75-119	0.0627	3.7	0.366	0.005	0.010048	0.010048	518.0317	0.140272727	1.00%	1.00%	3.00%	95.00%
ER - Off-Highway Trucks	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	517.7957	0.128136364	1.00%	1.00%	3.00%	95.00%
ER - Skid Steer Loaders	75-119	0.0627	3.7	0.366	0.005	0.010048	0.010048	515.5436	0.135	1.00%	1.00%	3.00%	95.00%
ER - Pressure Washers	<25	3.89994	3.546	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				
ER - Plate Compactors	<25	3.89994	3.469	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				

Pressure Washer:	Fuel is gasoline. Emission factors determined on "<25 hp" tab
Plate Compactor:	Fuel is gasoline. Emission factors determined on "<25 hp" tab
Pump:	Fuel is gasoline. Emission factors determined on ">25 hp gasoline" tab

				Usage Hours				Equipment Usage Dates		Duration					
Block #	Phase	Equipment	#	Weekday	Saturday	EQ Tier	Start Year	Start	End	Total Days per Machine	Working days (Mon-Sat)	Total Number of Hours	Total Number of Hours - Diesel Equipment	Total numer of electric hours	HP (CalEEMod Default)
A1	Site Preparation	Concrete/Industrial Saws	4	6.0	6.0	Electric-N/A	2027	April 1, 2027	June 13, 2027	73 days	63 days	1,504 hrs	0 hrs	1,504 hrs	75-119
A1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
A1	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2027	April 1, 2027	June 13, 2027	73 days	63 days	376 hrs	0 hrs	376 hrs	50-74
A1	Site Preparation	Excavator	4	6.0	6.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	1,504 hrs	1,504 hrs	0 hrs	120-174
A1	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	752 hrs	752 hrs	0 hrs	300-599
A1	Site Preparation	Tractors/Loaders/Backhoes	4	6.0	6.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	1,504 hrs	1,504 hrs	0 hrs	75-119
A1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
A1	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	1,128 hrs	1,128 hrs	0 hrs	300-599
A1	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	376 hrs	376 hrs	0 hrs	<25
A1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	0 hrs	0 hrs	0 hrs	120-174
A1	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	251 hrs	251 hrs	0 hrs	75-119
A1	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	251 hrs	251 hrs	0 hrs	50-74
A1	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	376 hrs	376 hrs	0 hrs	75-119
A1	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	376 hrs	376 hrs	0 hrs	<25
A1	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	752 hrs	752 hrs	0 hrs	300-599
A1	Building Construction	Cranes	6	3.0	3.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	11,744 hrs	11,744 hrs	0 hrs	175-299
A1	Building Construction	Forklifts	5	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	13,049 hrs	13,049 hrs	0 hrs	75-119
A1	Building Construction	Generator Sets	3	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	7,829 hrs	7,829 hrs	0 hrs	75-119
A1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	0 hrs	0 hrs	0 hrs	75-119
A1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	0 hrs	0 hrs	0 hrs	300-599
A1	Building Construction	Aerial Lifts	8	6.0	6.0	Electric-N/A	2027	June 13, 2027	July 13, 2029	761 days	652 days	31,318 hrs	0 hrs	31,318 hrs	50-74
A1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	0 hrs	0 hrs	0 hrs	120-174
A1	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	7,829 hrs	7,829 hrs	0 hrs	<25
A1	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	5,220 hrs	5,220 hrs	0 hrs	75-119
A1	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2027	June 13, 2027	July 13, 2029	761 days	652 days	1,957 hrs	0 hrs	1,957 hrs	25-49
A1	Paving	Pavers	3	5.0	5.0	Diesel-Tier 4f	2029	July 13, 2029	September 6, 2029	55 days	47 days	705 hrs	705 hrs	0 hrs	120-174
A1	Paving	Rollers	3	5.0	5.0	Diesel-Tier 4f	2029	July 13, 2029	September 6, 2029	55 days	47 days	705 hrs	705 hrs	0 hrs	75-119
A1	Paving	Off-Highway Trucks	3	4.0	4.0	Diesel-Tier 4f	2029	July 13, 2029	September 6, 2029	55 days	47 days	564 hrs	564 hrs	0 hrs	300-599
A1	Paving	Tractors/Loaders/Backhoes	3	5.0	5.0	Diesel-Tier 4f	2029	July 13, 2029	September 6, 2029	55 days	47 days	705 hrs	705 hrs	0 hrs	75-119
A1	Paving	Concrete Saw	3	6.0	6.0	Electric-N/A	2029	July 13, 2029	September 6, 2029	55 days	47 days	846 hrs	0 hrs	846 hrs	75-119
A1	Arc. Coating	Air Compressors	5	4.0	4.0	Electric-N/A	2029	September 6, 2029	October 31, 2029	55 days	47 days	940 hrs	0 hrs	940 hrs	75-119
B1	Site Preparation	Concrete/Industrial Saws	4	6.0	6.0	Electric-N/A	2026	October 1, 2026	December 10, 2026	71 days	60 days	1,452 hrs	0 hrs	1,452 hrs	75-119
B1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	0 hrs	0 hrs	0 hrs	175-299
B1	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2026	October 1, 2026	December 10, 2026	71 days	60 days	363 hrs	0 hrs	363 hrs	50-74
B1	Site Preparation	Excavator	4	3.0	3.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	726 hrs	726 hrs	0 hrs	120-174
B1	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	726 hrs	726 hrs	0 hrs	300-599
B1	Site Preparation	Tractors/Loaders/Backhoes	4	3.0	3.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	726 hrs	726 hrs	0 hrs	75-119
B1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	0 hrs	0 hrs	0 hrs	175-299
B1	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	1,089 hrs	1,089 hrs	0 hrs	300-599
B1	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	363 hrs	363 hrs	0 hrs	<25
B1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	0 hrs	0 hrs	0 hrs	120-174
B1	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	242 hrs	242 hrs	0 hrs	75-119
B1	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	242 hrs	242 hrs	0 hrs	50-74
B1	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	363 hrs	363 hrs	0 hrs	75-119
B1	Site Preparation	Plate Compactors	2	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	242 hrs	242 hrs	0 hrs	<25
B1	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	726 hrs	726 hrs	0 hrs	300-599
B1	Building Construction	Cranes	5	3.0	3.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	9,458 hrs	9,458 hrs	0 hrs	175-299
B1	Building Construction	Forklifts	3	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	7,566 hrs	7,566 hrs	0 hrs	75-119
B1	Building Construction	Generator Sets	2	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	5,044 hrs	5,044 hrs	0 hrs	75-119
B1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	0 hrs	0 hrs	0 hrs	75-119
B1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	0 hrs	0 hrs	0 hrs	300-599
B1	Building Construction	Aerial Lifts	5	6.0	6.0	Electric-N/A	2026	December 10, 2026	December 15, 2028	736 days	631 days	18,915 hrs	0 hrs	18,915 hrs	50-74
B1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	0 hrs	0 hrs	0 hrs	120-174
B1	Building Construction	Cement and Mortar Mixers	2	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	5,044 hrs	5,044 hrs	0 hrs	<25
B1	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	5,044 hrs	5,044 hrs	0 hrs	75-119
B1	Building Construction	Welders	8	1.00	1.00	Electric-N/A	2026	December 10, 2026	December 15, 2028	736 days	631 days	5,044 hrs	0 hrs	5,044 hrs	25-49
B1	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2028	December 15, 2028	February 6, 2029	53 days	45 days	181 hrs	181 hrs	0 hrs	120-174
B1	Paving	Rollers	2	2.0	2.0	Diesel-Tier 4f	2028	December 15, 2028	February 6, 2029	53 days	45 days	181 hrs	181 hrs	0 hrs	75-119
B1	Paving	Off-Highway Trucks	2	4.0	4.0	Diesel-Tier 4f	2028	December 15, 2028	February 6, 2029	53 days	45 days	363 hrs	363 hrs	0 hrs	300-599
B1	Paving	Tractors/Loaders/Backhoes	2	5.0	5.0	Diesel-Tier 4f	2028	December 15, 2028	February 6, 2029	53 days	45 days	454 hrs	454 hrs	0 hrs	75-119
B1	Paving	Concrete Saw	4	6.0	6.0	Electric-N/A	2028	December 15, 2028	February 6, 2029	53 days	45 days	1,089 hrs	0 hrs	1,089 hrs	75-119

B1	Arc. Coating	Air Compressors	2	4.0	4.0	Electric-N/A	2029	February 6, 2029	March 31, 2029	53 days	45 days	363 hrs	0 hrs	363 hrs	75-119
C1	Site Preparation	Concrete/Industrial Saws	6	6.0	6.0	Electric-N/A	2029	September 1, 2029	November 12, 2029	73 days	63 days	2,251 hrs	0 hrs	2,251 hrs	75-119
C1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
C1	Site Preparation	Sweepers/Scrubbers	5	2.0	2.0	Electric-N/A	2029	September 1, 2029	November 12, 2029	73 days	63 days	625 hrs	0 hrs	625 hrs	50-74
C1	Site Preparation	Excavator	4	6.0	6.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	1,501 hrs	1,501 hrs	0 hrs	120-174
C1	Site Preparation	Water Trucks	3	6.0	6.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	1,126 hrs	1,126 hrs	0 hrs	300-599
C1	Site Preparation	Tractors/Loaders/Backhoes	5	6.0	6.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	1,876 hrs	1,876 hrs	0 hrs	75-119
C1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
C1	Site Preparation	Off-Highway Trucks	4	6.0	6.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	1,501 hrs	1,501 hrs	0 hrs	300-599
C1	Site Preparation	Pressure Washer	4	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	500 hrs	500 hrs	0 hrs	<25
C1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	120-174
C1	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	75-119
C1	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	50-74
C1	Site Preparation	Pumps	5	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	625 hrs	625 hrs	0 hrs	75-119
C1	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	375 hrs	375 hrs	0 hrs	<25
C1	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	750 hrs	750 hrs	0 hrs	300-599
C1	Building Construction	Cranes	6	3.0	3.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	11,720 hrs	11,720 hrs	0 hrs	175-299
C1	Building Construction	Forklifts	6	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	15,626 hrs	15,626 hrs	0 hrs	75-119
C1	Building Construction	Generator Sets	4	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	10,417 hrs	10,417 hrs	0 hrs	75-119
C1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	0 hrs	0 hrs	0 hrs	75-119
C1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	0 hrs	0 hrs	0 hrs	300-599
C1	Building Construction	Aerial Lifts	8	6.0	6.0	Electric-N/A	2029	November 12, 2029	December 12, 2031	760 days	651 days	31,252 hrs	0 hrs	31,252 hrs	50-74
C1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	0 hrs	0 hrs	0 hrs	120-174
C1	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	7,813 hrs	7,813 hrs	0 hrs	<25
C1	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	5,209 hrs	5,209 hrs	0 hrs	75-119
C1	Building Construction	Welders	6	1.00	1.00	Electric-N/A	2029	November 12, 2029	December 12, 2031	760 days	651 days	3,907 hrs	0 hrs	3,907 hrs	25-49
C1	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2031	November 12, 2029	December 12, 2031	760 days	651 days	7,813 hrs	0 hrs	7,813 hrs	75-119
C1	Paving	Off-Highway Trucks	2	4.0	4.0	Diesel-Tier 4f	2031	December 12, 2031	February 5, 2032	55 days	47 days	375 hrs	375 hrs	0 hrs	300-599
C1	Paving	Pavers	2	5.0	5.0	Diesel-Tier 4f	2031	December 12, 2031	February 5, 2032	55 days	47 days	469 hrs	469 hrs	0 hrs	120-174
C1	Paving	Rollers	2	5.0	5.0	Diesel-Tier 4f	2031	December 12, 2031	February 5, 2032	55 days	47 days	469 hrs	469 hrs	0 hrs	75-119
C1	Paving	Tractors/Loaders/Backhoes	2	5.0	5.0	Diesel-Tier 4f	2031	December 12, 2031	February 5, 2032	55 days	47 days	469 hrs	469 hrs	0 hrs	75-119
C1	Arc. Coating	Air Compressors	5	4.0	4.0	Electric-N/A	2032	February 5, 2032	March 31, 2032	55 days	47 days	938 hrs	0 hrs	938 hrs	75-119
C2	Site Preparation	Concrete/Industrial Saws	6	6.0	6.0	Electric-N/A	2029	April 1, 2029	June 13, 2029	73 days	63 days	2,254 hrs	0 hrs	2,254 hrs	75-119
C2	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
C2	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2029	April 1, 2029	June 13, 2029	73 days	63 days	376 hrs	0 hrs	376 hrs	50-74
C2	Site Preparation	Excavator	5	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	939 hrs	939 hrs	0 hrs	120-174
C2	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	751 hrs	751 hrs	0 hrs	300-599
C2	Site Preparation	Tractors/Loaders/Backhoes	4	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	751 hrs	751 hrs	0 hrs	75-119
C2	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
C2	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	1,127 hrs	1,127 hrs	0 hrs	300-599
C2	Site Preparation	Pressure Washer	4	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	501 hrs	501 hrs	0 hrs	<25
C2	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	120-174
C2	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	75-119
C2	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	50-74
C2	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	376 hrs	376 hrs	0 hrs	75-119
C2	Site Preparation	Plate Compactors	2	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	<25
C2	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	751 hrs	751 hrs	0 hrs	300-599
C2	Building Construction	Cranes	6	3.0	3.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	12,195 hrs	12,195 hrs	0 hrs	175-299
C2	Building Construction	Forklifts	3	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	8,130 hrs	8,130 hrs	0 hrs	75-119
C2	Building Construction	Generator Sets	2	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	5,420 hrs	5,420 hrs	0 hrs	75-119
C2	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	0 hrs	0 hrs	0 hrs	75-119
C2	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	0 hrs	0 hrs	0 hrs	300-599
C2	Building Construction	Aerial Lifts	5	6.0	6.0	Electric-N/A	2029	June 13, 2029	July 13, 2031	790 days	677 days	20,325 hrs	0 hrs	20,325 hrs	50-74
C2	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	0 hrs	0 hrs	0 hrs	120-174
C2	Building Construction	Cement and Mortar Mixers	2	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	5,420 hrs	5,420 hrs	0 hrs	<25
C2	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	5,420 hrs	5,420 hrs	0 hrs	75-119
C2	Building Construction	Welders	8	1.00	1.00	Electric-N/A	2029	June 13, 2029	July 13, 2031	790 days	677 days	5,420 hrs	0 hrs	5,420 hrs	25-49
C2	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2031	July 13, 2031	September 6, 2031	57 days	49 days	196 hrs	196 hrs	0 hrs	120-174
C2	Paving	Rollers	2	2.0	2.0	Diesel-Tier 4f	2031	July 13, 2031	September 6, 2031	57 days	49 days	196 hrs	196 hrs	0 hrs	75-119
C2	Paving	Off-Highway Trucks	2	4.0	4.0	Diesel-Tier 4f	2031	July 13, 2031	September 6, 2031	57 days	49 days	391 hrs	391 hrs	0 hrs	300-599
C2	Paving	Tractors/Loaders/Backhoes	2	5.0	5.0	Diesel-Tier 4f	2031	July 13, 2031	September 6, 2031	57 days	49 days	489 hrs	489 hrs	0 hrs	75-119
C2	Paving	Concrete Saw	4	6.0	6.0	Electric-N/A	2031	July 13, 2031	September 6, 2031	57 days	49 days	1,174 hrs	0 hrs	1,174 hrs	75-119
C2	Arc. Coating	Air Compressors	2	4.0	4.0	Electric-N/A	2031	September 6, 2031	October 31, 2031	57 days	49 days	391 hrs	0 hrs	391 hrs	75-119
C3	Site Preparation	Concrete/Industrial Saws	1	3.0	3.0	Electric-N/A	2030	January 1, 2030	February 28, 2030	58 days	50 days	150 hrs	0 hrs	150 hrs	75-119
C3	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
C3	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	0 hrs	100 hrs	50-74
C3	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	300 hrs	300 hrs	0 hrs	120-174
C3	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
C3	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	150 hrs	150 hrs	0 hrs	75-119
C3	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
C3	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	600 hrs	600 hrs	0 hrs	300-599
C3	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
C3	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	0 hrs	0 hrs	0 hrs	120-174
C3	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	100 hrs	0 hrs	75-119
C3	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	100 hrs	0 hrs	50-74

C3	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	100 hrs	0 hrs	75-119
C3	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
C3	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	200 hrs	200 hrs	0 hrs	300-599
C3	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	1,577 hrs	1,577 hrs	0 hrs	175-299
C3	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	2,102 hrs	2,102 hrs	0 hrs	75-119
C3	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	2,102 hrs	2,102 hrs	0 hrs	75-119
C3	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	0 hrs	0 hrs	0 hrs	75-119
C3	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	0 hrs	0 hrs	0 hrs	300-599
C3	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2030	February 28, 2030	November 3, 2031	613 days	526 days	3,154 hrs	0 hrs	3,154 hrs	50-74
C3	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	0 hrs	0 hrs	0 hrs	120-174
C3	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	2,102 hrs	2,102 hrs	0 hrs	<25
C3	Building Construction	Concrete Pumps	3	2.0	2.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	3,154 hrs	3,154 hrs	0 hrs	75-119
C3	Building Construction	Welders	1	1.00	1.00	Electric-N/A	2030	February 28, 2030	November 3, 2031	613 days	526 days	526 hrs	0 hrs	526 hrs	25-49
C3	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2031	November 3, 2031	December 17, 2031	44 days	37 days	75 hrs	75 hrs	0 hrs	120-174
C3	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2031	November 3, 2031	December 17, 2031	44 days	37 days	75 hrs	75 hrs	0 hrs	75-119
C3	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2031	November 3, 2031	December 17, 2031	44 days	37 days	150 hrs	150 hrs	0 hrs	300-599
C3	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2031	November 3, 2031	December 17, 2031	44 days	37 days	187 hrs	187 hrs	0 hrs	75-119
C3	Paving	Concrete Saw	1	6.0	6.0	Electric-N/A	2031	November 3, 2031	December 17, 2031	44 days	37 days	225 hrs	0 hrs	225 hrs	75-119
C3	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2031	December 17, 2031	January 30, 2032	44 days	37 days	150 hrs	0 hrs	150 hrs	75-119
D1	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2029	January 1, 2029	February 28, 2029	58 days	50 days	300 hrs	0 hrs	300 hrs	75-119
D1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
D1	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	0 hrs	100 hrs	50-74
D1	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	300 hrs	300 hrs	0 hrs	120-174
D1	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
D1	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	150 hrs	150 hrs	0 hrs	75-119
D1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
D1	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
D1	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
D1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	0 hrs	0 hrs	0 hrs	120-174
D1	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	100 hrs	0 hrs	75-119
D1	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	100 hrs	0 hrs	50-74
D1	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	100 hrs	0 hrs	75-119
D1	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
D1	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	200 hrs	200 hrs	0 hrs	300-599
D1	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	1,579 hrs	1,579 hrs	0 hrs	175-299
D1	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
D1	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
D1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	0 hrs	0 hrs	0 hrs	75-119
D1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	0 hrs	0 hrs	0 hrs	300-599
D1	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2029	February 28, 2029	November 4, 2030	614 days	526 days	3,158 hrs	0 hrs	3,158 hrs	50-74
D1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	0 hrs	0 hrs	0 hrs	120-174
D1	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	<25
D1	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
D1	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2029	February 28, 2029	November 4, 2030	614 days	526 days	1,053 hrs	0 hrs	1,053 hrs	25-49
D1	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2030	November 4, 2030	December 18, 2030	44 days	38 days	75 hrs	75 hrs	0 hrs	120-174
D1	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2030	November 4, 2030	December 18, 2030	44 days	38 days	75 hrs	75 hrs	0 hrs	75-119
D1	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2030	November 4, 2030	December 18, 2030	44 days	38 days	150 hrs	150 hrs	0 hrs	300-599
D1	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2030	November 4, 2030	December 18, 2030	44 days	38 days	188 hrs	188 hrs	0 hrs	75-119
D1	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2030	November 4, 2030	December 18, 2030	44 days	38 days	451 hrs	0 hrs	451 hrs	75-119
D1	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2030	December 18, 2030	January 31, 2031	44 days	38 days	150 hrs	0 hrs	150 hrs	75-119
D4	Site Preparation	Concrete/Industrial Saws	3	6.0	6.0	Electric-N/A	2029	April 1, 2029	June 3, 2029	63 days	54 days	976 hrs	0 hrs	976 hrs	75-119
D4	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
D4	Site Preparation	Sweepers/Scrubbers	2	2.0	2.0	Electric-N/A	2029	April 1, 2029	June 3, 2029	63 days	54 days	217 hrs	0 hrs	217 hrs	50-74
D4	Site Preparation	Excavator	4	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	651 hrs	651 hrs	0 hrs	120-174
D4	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	651 hrs	651 hrs	0 hrs	300-599
D4	Site Preparation	Tractors/Loaders/Backhoes	3	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	488 hrs	488 hrs	0 hrs	75-119
D4	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
D4	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	976 hrs	976 hrs	0 hrs	300-599
D4	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	325 hrs	325 hrs	0 hrs	<25
D4	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	0 hrs	0 hrs	0 hrs	120-174
D4	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	108 hrs	108 hrs	0 hrs	75-119
D4	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	108 hrs	108 hrs	0 hrs	50-74
D4	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	108 hrs	108 hrs	0 hrs	75-119
D4	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	108 hrs	108 hrs	0 hrs	<25
D4	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	651 hrs	651 hrs	0 hrs	300-599
D4	Building Construction	Cranes	3	3.0	3.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	5,113 hrs	5,113 hrs	0 hrs	175-299
D4	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	4,545 hrs	4,545 hrs	0 hrs	75-119
D4	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	2,272 hrs	2,272 hrs	0 hrs	75-119
D4	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	0 hrs	0 hrs	0 hrs	75-119
D4	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	0 hrs	0 hrs	0 hrs	300-599
D4	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2029	June 3, 2029	March 28, 2031	663 days	568 days	10,226 hrs	0 hrs	10,226 hrs	50-74
D4	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	0 hrs	0 hrs	0 hrs	120-174
D4	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	6,817 hrs	6,817 hrs	0 hrs	<25
D4	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	2,272 hrs	2,272 hrs	0 hrs	75-119
D4	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2029	June 3, 2029	March 28, 2031	663 days	568 days	1,704 hrs	0 hrs	1,704 hrs	25-49

D4	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2031	March 28, 2031	May 14, 2031	47 days	41 days	163 hrs	163 hrs	0 hrs	120-174
D4	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2031	March 28, 2031	May 14, 2031	47 days	41 days	81 hrs	81 hrs	0 hrs	75-119
D4	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2031	March 28, 2031	May 14, 2031	47 days	41 days	163 hrs	163 hrs	0 hrs	300-599
D4	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2031	March 28, 2031	May 14, 2031	47 days	41 days	203 hrs	203 hrs	0 hrs	75-119
D4	Paving	Concrete Saw	3	6.0	6.0	Electric-N/A	2031	March 28, 2031	May 14, 2031	47 days	41 days	732 hrs	0 hrs	732 hrs	75-119
D4	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2031	May 14, 2031	July 1, 2031	47 days	41 days	163 hrs	0 hrs	163 hrs	75-119
D5-D6	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2023	October 1, 2023	December 3, 2023	63 days	54 days	326 hrs	0 hrs	326 hrs	75-119
D5-D6	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
D5-D6	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	0 hrs	109 hrs	50-74
D5-D6	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	163 hrs	163 hrs	0 hrs	120-174
D5-D6	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	326 hrs	326 hrs	0 hrs	300-599
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	163 hrs	163 hrs	0 hrs	75-119
D5-D6	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
D5-D6	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	326 hrs	326 hrs	0 hrs	300-599
D5-D6	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	109 hrs	0 hrs	<25
D5-D6	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	0 hrs	0 hrs	0 hrs	120-174
D5-D6	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	109 hrs	0 hrs	75-119
D5-D6	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	109 hrs	0 hrs	50-74
D5-D6	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	109 hrs	0 hrs	75-119
D5-D6	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	109 hrs	0 hrs	<25
D5-D6	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	217 hrs	217 hrs	0 hrs	300-599
D5-D6	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	1,706 hrs	1,706 hrs	0 hrs	175-299
D5-D6	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	2,275 hrs	2,275 hrs	0 hrs	75-119
D5-D6	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	2,275 hrs	2,275 hrs	0 hrs	75-119
D5-D6	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	0 hrs	0 hrs	0 hrs	75-119
D5-D6	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	0 hrs	0 hrs	0 hrs	300-599
D5-D6	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2023	December 3, 2023	September 26, 2025	664 days	569 days	3,413 hrs	0 hrs	3,413 hrs	50-74
D5-D6	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	0 hrs	0 hrs	0 hrs	120-174
D5-D6	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	2,275 hrs	2,275 hrs	0 hrs	<25
D5-D6	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	2,275 hrs	2,275 hrs	0 hrs	75-119
D5-D6	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2023	December 3, 2023	September 26, 2025	664 days	569 days	1,138 hrs	0 hrs	1,138 hrs	25-49
D5-D6	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2023	September 26, 2025	November 13, 2025	48 days	41 days	81 hrs	81 hrs	0 hrs	120-174
D5-D6	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2023	September 26, 2025	November 13, 2025	48 days	41 days	81 hrs	81 hrs	0 hrs	75-119
D5-D6	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2023	September 26, 2025	November 13, 2025	48 days	41 days	163 hrs	163 hrs	0 hrs	300-599
D5-D6	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2023	September 26, 2025	November 13, 2025	48 days	41 days	204 hrs	204 hrs	0 hrs	75-119
D5-D6	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2023	September 26, 2025	November 13, 2025	48 days	41 days	489 hrs	0 hrs	489 hrs	75-119
D5-D6	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	November 13, 2025	December 31, 2025	48 days	41 days	163 hrs	0 hrs	163 hrs	75-119
D7	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2025	July 1, 2025	September 4, 2025	66 days	56 days	676 hrs	0 hrs	676 hrs	75-119
D7	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
D7	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	July 1, 2025	September 4, 2025	66 days	56 days	113 hrs	0 hrs	113 hrs	50-74
D7	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	338 hrs	338 hrs	0 hrs	120-174
D7	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	338 hrs	338 hrs	0 hrs	300-599
D7	Site Preparation	Tractors/Loaders/Backhoes	2	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	338 hrs	338 hrs	0 hrs	75-119
D7	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
D7	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	676 hrs	676 hrs	0 hrs	300-599
D7	Site Preparation	Pressure Washer	2	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	225 hrs	225 hrs	0 hrs	<25
D7	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	120-174
D7	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	113 hrs	113 hrs	0 hrs	75-119
D7	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	113 hrs	113 hrs	0 hrs	50-74
D7	Site Preparation	Pumps	2	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	225 hrs	225 hrs	0 hrs	75-119
D7	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	113 hrs	113 hrs	0 hrs	<25
D7	Site Preparation	Pile Drivers	2	4.0	4.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	451 hrs	451 hrs	0 hrs	300-599
D7	Building Construction	Cranes	2	3.0	3.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	3,536 hrs	3,536 hrs	0 hrs	175-299
D7	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	4,715 hrs	4,715 hrs	0 hrs	75-119
D7	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	2,357 hrs	2,357 hrs	0 hrs	75-119
D7	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	0 hrs	0 hrs	0 hrs	75-119
D7	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	0 hrs	0 hrs	0 hrs	300-599
D7	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2025	September 4, 2025	July 24, 2027	688 days	589 days	10,609 hrs	0 hrs	10,609 hrs	50-74
D7	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	0 hrs	0 hrs	0 hrs	120-174
D7	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	2,357 hrs	2,357 hrs	0 hrs	<25
D7	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	2,357 hrs	2,357 hrs	0 hrs	75-119
D7	Building Construction	Welders	6	1.00	1.00	Electric-N/A	2025	September 4, 2025	July 24, 2027	688 days	589 days	3,536 hrs	0 hrs	3,536 hrs	25-49
D7	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2027	July 24, 2027	September 11, 2027	49 days	42 days	85 hrs	85 hrs	0 hrs	120-174
D7	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	July 24, 2027	September 11, 2027	49 days	42 days	85 hrs	85 hrs	0 hrs	75-119
D7	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2027	July 24, 2027	September 11, 2027	49 days	42 days	169 hrs	169 hrs	0 hrs	300-599
D7	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2027	July 24, 2027	September 11, 2027	49 days	42 days	211 hrs	211 hrs	0 hrs	75-119
D7	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	July 24, 2027	September 11, 2027	49 days	42 days	507 hrs	0 hrs	507 hrs	75-119
D7	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2027	September 11, 2027	October 31, 2027	49 days	42 days	169 hrs	0 hrs	169 hrs	75-119
D8-D13	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2023	June 1, 2023	October 5, 2023	127 days	109 days	651 hrs	0 hrs	651 hrs	75-119
D8-D13	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	175-299
D8-D13	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2023	June 1, 2023	October 5, 2023	127 days	109 days	217 hrs	0 hrs	217 hrs	50-74
D8-D13	Site Preparation	Excavator (Small 150 HP)	3	6.0	6.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	1,954 hrs	1,954 hrs	0 hrs	120-174
D8-D13	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	651 hrs	651 hrs	0 hrs	300-599
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	326 hrs	326 hrs	0 hrs	75-119
D8-D13	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	175-299

D8-D13	Site Preparation	Off-Highway Trucks	0	6.0	6.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	300-599
D8-D13	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	217 hrs	217 hrs	0 hrs	<25
D8-D13	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	120-174
D8-D13	Site Preparation	Trench Roller (25 HP)	3	4.0	4.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	1,303 hrs	1,303 hrs	0 hrs	25-49
D8-D13	Site Preparation	Skid-Steer Loaders	3	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	651 hrs	651 hrs	0 hrs	50-74
D8-D13	Site Preparation	Pumps	0	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	75-119
D8-D13	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	651 hrs	651 hrs	0 hrs	<25
D8-D13	Site Preparation	Pile Drivers	0	4.0	4.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	300-599
D8-D13	Building Construction	Cranes (220 HP mobile crane)	2	2.0	2.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	4,445 hrs	4,445 hrs	0 hrs	175-299
D8-D13	Building Construction	Forklifts	3	4.0	4.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	13,334 hrs	13,334 hrs	0 hrs	75-119
D8-D13	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	4,445 hrs	4,445 hrs	0 hrs	75-119
D8-D13	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	0 hrs	0 hrs	0 hrs	75-119
D8-D13	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	0 hrs	0 hrs	0 hrs	300-599
D8-D13	Building Construction	Aerial Lifts	5	6.0	6.0	Electric-N/A	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	33,336 hrs	0 hrs	33,336 hrs	50-74
D8-D13	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	0 hrs	0 hrs	0 hrs	120-174
D8-D13	Building Construction	Cement and Mortar Mixers - E	3	4.0	4.0	Electric-N/A	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	13,334 hrs	0 hrs	13,334 hrs	<25
D8-D13	Building Construction	Concrete Pumps	2	1.0	1.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	2,222 hrs	2,222 hrs	0 hrs	75-119
D8-D13	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	2,222 hrs	0 hrs	2,222 hrs	25-49
D8-D13	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2027	April 24, 2027	July 28, 2027	95 days	81 days	163 hrs	163 hrs	0 hrs	120-174
D8-D13	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	April 24, 2027	July 28, 2027	95 days	81 days	163 hrs	163 hrs	0 hrs	75-119
D8-D13	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2027	April 24, 2027	July 28, 2027	95 days	81 days	326 hrs	326 hrs	0 hrs	300-599
D8-D13	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2027	April 24, 2027	July 28, 2027	95 days	81 days	407 hrs	407 hrs	0 hrs	75-119
D8-D13	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	April 24, 2027	July 28, 2027	95 days	81 days	977 hrs	0 hrs	977 hrs	75-119
D8-D13	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2027	July 28, 2027	October 31, 2027	95 days	81 days	326 hrs	0 hrs	326 hrs	75-119
E1.1	Site Preparation	Concrete/Industrial Saws	3	6.0	6.0	Electric-N/A	2024	January 1, 2024	February 21, 2024	51 days	44 days	789 hrs	0 hrs	789 hrs	75-119
E1.1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	175-299
E1.1	Site Preparation	Sweepers/Scrubbers	2	2.0	2.0	Electric-N/A	2024	January 1, 2024	February 21, 2024	51 days	44 days	175 hrs	0 hrs	175 hrs	50-74
E1.1	Site Preparation	Excavator	4	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	526 hrs	0 hrs	120-174
E1.1	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	526 hrs	0 hrs	300-599
E1.1	Site Preparation	Tractors/Loaders/Backhoes	3	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	394 hrs	394 hrs	0 hrs	75-119
E1.1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	175-299
E1.1	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	789 hrs	789 hrs	0 hrs	300-599
E1.1	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	263 hrs	263 hrs	0 hrs	<25
E1.1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	120-174
E1.1	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	75-119
E1.1	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	50-74
E1.1	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	75-119
E1.1	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	<25
E1.1	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	526 hrs	0 hrs	300-599
E1.1	Building Construction	Cranes	3	3.0	3.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	4,175 hrs	4,175 hrs	0 hrs	175-299
E1.1	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	3,711 hrs	3,711 hrs	0 hrs	75-119
E1.1	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	1,856 hrs	1,856 hrs	0 hrs	75-119
E1.1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	75-119
E1.1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	300-599
E1.1	Building Construction	Aerial Lifts	5	6.0	6.0	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	13,917 hrs	0 hrs	13,917 hrs	50-74
E1.1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	120-174
E1.1	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	5,567 hrs	5,567 hrs	0 hrs	<25
E1.1	Building Construction	Concrete Pumps	3	2.0	2.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	2,783 hrs	2,783 hrs	0 hrs	75-119
E1.1	Building Construction	Welders	8	1.00	1.00	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	3,711 hrs	0 hrs	3,711 hrs	25-49
E1.1	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	131 hrs	131 hrs	0 hrs	120-174
E1.1	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	66 hrs	66 hrs	0 hrs	75-119
E1.1	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	131 hrs	131 hrs	0 hrs	300-599
E1.1	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	164 hrs	164 hrs	0 hrs	75-119
E1.1	Paving	Concrete Saw	3	6.0	6.0	Electric-N/A	2025	August 15, 2025	September 22, 2025	38 days	33 days	592 hrs	0 hrs	592 hrs	75-119
E1.1	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	September 22, 2025	October 31, 2025	38 days	33 days	131 hrs	0 hrs	131 hrs	75-119
E1.2	Site Preparation	Concrete/Industrial Saws	4	6.0	6.0	Electric-N/A	2023	October 1, 2023	December 5, 2023	66 days	56 days	1,354 hrs	0 hrs	1,354 hrs	75-119
E1.2	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
E1.2	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2023	October 1, 2023	December 5, 2023	66 days	56 days	339 hrs	0 hrs	339 hrs	50-74
E1.2	Site Preparation	Excavator	4	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	1,354 hrs	1,354 hrs	0 hrs	120-174
E1.2	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	677 hrs	677 hrs	0 hrs	300-599
E1.2	Site Preparation	Tractors/Loaders/Backhoes	4	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	1,354 hrs	1,354 hrs	0 hrs	75-119
E1.2	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
E1.2	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	1,016 hrs	1,016 hrs	0 hrs	300-599
E1.2	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	339 hrs	339 hrs	0 hrs	<25
E1.2	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	0 hrs	0 hrs	0 hrs	120-174
E1.2	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	226 hrs	226 hrs	0 hrs	75-119
E1.2	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	226 hrs	226 hrs	0 hrs	50-74
E1.2	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	339 hrs	339 hrs	0 hrs	75-119
E1.2	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	339 hrs	339 hrs	0 hrs	<25
E1.2	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	677 hrs	677 hrs	0 hrs	300-599
E1.2	Building Construction	Cranes	5	3.0	3.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	8,851 hrs	8,851 hrs	0 hrs	175-299
E1.2	Building Construction	Forklifts	4	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	9,441 hrs	9,441 hrs	0 hrs	75-119
E1.2	Building Construction	Generator Sets	3	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	7,081 hrs	7,081 hrs	0 hrs	75-119
E1.2	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	0 hrs	0 hrs	0 hrs	75-119
E1.2	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	0 hrs	0 hrs	0 hrs	300-599

E1.2	Building Construction	Aerial Lifts	8	6.0	6.0	Electric-N/A	2023	December 5, 2023	October 24, 2025	688 days	590 days	28,323 hrs	0 hrs	28,323 hrs	50-74
E1.2	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	0 hrs	0 hrs	0 hrs	120-174
E1.2	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	7,081 hrs	7,081 hrs	0 hrs	<25
E1.2	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	4,720 hrs	4,720 hrs	0 hrs	75-119
E1.2	Building Construction	Welders	6	1.00	1.00	Electric-N/A	2023	December 5, 2023	October 24, 2025	688 days	590 days	3,540 hrs	0 hrs	3,540 hrs	25-49
E1.2	Paving	Pavers	3	5.0	5.0	Diesel-Tier 4f	2025	October 24, 2025	December 12, 2025	49 days	42 days	635 hrs	635 hrs	0 hrs	120-174
E1.2	Paving	Rollers	3	5.0	5.0	Diesel-Tier 4f	2025	October 24, 2025	December 12, 2025	49 days	42 days	635 hrs	635 hrs	0 hrs	75-119
E1.2	Paving	Off-Highway Trucks	3	4.0	4.0	Diesel-Tier 4f	2025	October 24, 2025	December 12, 2025	49 days	42 days	508 hrs	508 hrs	0 hrs	300-599
E1.2	Paving	Tractors/Loaders/Backhoes	3	5.0	5.0	Diesel-Tier 4f	2025	October 24, 2025	December 12, 2025	49 days	42 days	635 hrs	635 hrs	0 hrs	75-119
E1.2	Paving	Concrete Saw	3	6.0	6.0	Electric-N/A	2025	October 24, 2025	December 12, 2025	49 days	42 days	762 hrs	0 hrs	762 hrs	75-119
E1.2	Arc. Coating	Air Compressors	5	4.0	4.0	Electric-N/A	2025	December 12, 2025	January 31, 2026	49 days	42 days	847 hrs	0 hrs	847 hrs	75-119
F1-F2	Site Preparation	Concrete/Industrial Saws	4	6.0	6.0	Electric-N/A	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,402 hrs	0 hrs	1,402 hrs	75-119
F1-F2	Site Preparation	Excavator	5	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,753 hrs	1,753 hrs	0 hrs	120-174
F1-F2	Site Preparation	Off-Highway Trucks	4	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,402 hrs	1,402 hrs	0 hrs	300-599
F1-F2	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	120-174
F1-F2	Site Preparation	Pile Drivers	4	4.0	4.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	935 hrs	935 hrs	0 hrs	300-599
F1-F2	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	351 hrs	0 hrs	<25
F1-F2	Site Preparation	Pressure Washer	4	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	467 hrs	467 hrs	0 hrs	<25
F1-F2	Site Preparation	Pumps	5	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	584 hrs	584 hrs	0 hrs	75-119
F1-F2	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	234 hrs	234 hrs	0 hrs	75-119
F1-F2	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	175-299
F1-F2	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	234 hrs	234 hrs	0 hrs	50-74
F1-F2	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	175-299
F1-F2	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	0 hrs	351 hrs	50-74
F1-F2	Site Preparation	Tractors/Loaders/Backhoes	5	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,753 hrs	1,753 hrs	0 hrs	75-119
F1-F2	Site Preparation	Water Trucks	3	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,052 hrs	1,052 hrs	0 hrs	300-599
F1-F2	Building Construction	Aerial Lifts	10	6.0	6.0	Electric-N/A	2024	August 8, 2024	July 20, 2026	712 days	610 days	36,597 hrs	0 hrs	36,597 hrs	50-74
F1-F2	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	7,319 hrs	7,319 hrs	0 hrs	<25
F1-F2	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	4,880 hrs	4,880 hrs	0 hrs	75-119
F1-F2	Building Construction	Cranes	7	3.0	3.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	12,809 hrs	12,809 hrs	0 hrs	175-299
F1-F2	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	120-174
F1-F2	Building Construction	Forklifts	7	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	17,078 hrs	17,078 hrs	0 hrs	75-119
F1-F2	Building Construction	Generator Sets	4	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	9,759 hrs	9,759 hrs	0 hrs	75-119
F1-F2	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	300-599
F1-F2	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	75-119
F1-F2	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2024	August 8, 2024	July 20, 2026	712 days	610 days	1,830 hrs	0 hrs	1,830 hrs	25-49
F1-F2	Paving	Concrete Saw	4	6.0	6.0	Electric-N/A	2026	July 20, 2026	September 9, 2026	51 days	44 days	1,052 hrs	0 hrs	1,052 hrs	75-119
F1-F2	Paving	Off-Highway Trucks	4	4.0	4.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	701 hrs	701 hrs	0 hrs	300-599
F1-F2	Paving	Pavers	4	5.0	5.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	876 hrs	876 hrs	0 hrs	120-174
F1-F2	Paving	Rollers	4	5.0	5.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	876 hrs	876 hrs	0 hrs	75-119
F1-F2	Paving	Tractors/Loaders/Backhoes	4	5.0	5.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	876 hrs	876 hrs	0 hrs	75-119
F1-F2	Arc. Coating	Air Compressors	5	4.0	4.0	Electric-N/A	2026	September 9, 2026	October 31, 2026	51 days	44 days	876 hrs	0 hrs	876 hrs	75-119
F3	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2025	March 1, 2025	April 28, 2025	58 days	50 days	300 hrs	0 hrs	300 hrs	75-119
F3	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	150 hrs	150 hrs	0 hrs	120-174
F3	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
F3	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	0 hrs	0 hrs	0 hrs	120-174
F3	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	200 hrs	200 hrs	0 hrs	300-599
F3	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
F3	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
F3	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	100 hrs	0 hrs	75-119
F3	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	100 hrs	0 hrs	75-119
F3	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
F3	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	100 hrs	0 hrs	50-74
F3	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
F3	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	0 hrs	100 hrs	50-74
F3	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	150 hrs	150 hrs	0 hrs	75-119
F3	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
F3	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2025	April 28, 2025	January 2, 2027	614 days	526 days	3,158 hrs	0 hrs	3,158 hrs	50-74
F3	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	<25
F3	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
F3	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	1,579 hrs	1,579 hrs	0 hrs	175-299
F3	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	0 hrs	0 hrs	0 hrs	120-174
F3	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
F3	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
F3	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	0 hrs	0 hrs	0 hrs	300-599
F3	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	0 hrs	0 hrs	0 hrs	75-119
F3	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2025	April 28, 2025	January 2, 2027	614 days	526 days	1,053 hrs	0 hrs	1,053 hrs	25-49
F3	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	January 2, 2027	February 15, 2027	44 days	38 days	451 hrs	0 hrs	451 hrs	75-119
F3	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2027	January 2, 2027	February 15, 2027	44 days	38 days	150 hrs	150 hrs	0 hrs	300-599
F3	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2027	January 2, 2027	February 15, 2027	44 days	38 days	75 hrs	75 hrs	0 hrs	120-174
F3	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	January 2, 2027	February 15, 2027	44 days	38 days	75 hrs	75 hrs	0 hrs	75-119
F3	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2027	January 2, 2027	February 15, 2027	44 days	38 days	188 hrs	188 hrs	0 hrs	75-119
F3	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2027	February 15, 2027	March 31, 2027	44 days	38 days	150 hrs	0 hrs	150 hrs	75-119
F4	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	0 hrs	351 hrs	75-119
F4	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	351 hrs	0 hrs	120-174

F4	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	701 hrs	701 hrs	0 hrs	300-599
F4	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	120-174
F4	Site Preparation	Pile Drivers	2	4.0	4.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	467 hrs	467 hrs	0 hrs	300-599
F4	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	117 hrs	0 hrs	<25
F4	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	117 hrs	0 hrs	<25
F4	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	117 hrs	0 hrs	75-119
F4	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	117 hrs	0 hrs	75-119
F4	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	175-299
F4	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	117 hrs	0 hrs	50-74
F4	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	175-299
F4	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	0 hrs	117 hrs	50-74
F4	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	175 hrs	175 hrs	0 hrs	75-119
F4	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	351 hrs	0 hrs	300-599
F4	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2024	August 8, 2024	July 20, 2026	712 days	610 days	10,979 hrs	0 hrs	10,979 hrs	50-74
F4	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	2,440 hrs	2,440 hrs	0 hrs	<25
F4	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	2,440 hrs	2,440 hrs	0 hrs	75-119
F4	Building Construction	Cranes	2	3.0	3.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	3,660 hrs	3,660 hrs	0 hrs	175-299
F4	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	120-174
F4	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	4,880 hrs	4,880 hrs	0 hrs	75-119
F4	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	2,440 hrs	2,440 hrs	0 hrs	75-119
F4	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	300-599
F4	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	75-119
F4	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2024	August 8, 2024	July 20, 2026	712 days	610 days	1,220 hrs	0 hrs	1,220 hrs	25-49
F4	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2026	July 20, 2026	September 9, 2026	51 days	44 days	526 hrs	0 hrs	526 hrs	75-119
F4	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	175 hrs	175 hrs	0 hrs	300-599
F4	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	88 hrs	88 hrs	0 hrs	120-174
F4	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	88 hrs	88 hrs	0 hrs	75-119
F4	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	219 hrs	219 hrs	0 hrs	75-119
F4	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2026	September 9, 2026	October 31, 2026	51 days	44 days	175 hrs	0 hrs	175 hrs	75-119
F5	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2022	October 1, 2022	December 20, 2022	80 days	69 days	413 hrs	0 hrs	413 hrs	75-119
F5	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	207 hrs	207 hrs	0 hrs	120-174
F5	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	413 hrs	413 hrs	0 hrs	300-599
F5	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	0 hrs	0 hrs	0 hrs	120-174
F5	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	275 hrs	275 hrs	0 hrs	300-599
F5	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	138 hrs	0 hrs	<25
F5	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	138 hrs	0 hrs	<25
F5	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	138 hrs	0 hrs	75-119
F5	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	138 hrs	0 hrs	75-119
F5	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	0 hrs	0 hrs	0 hrs	175-299
F5	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	138 hrs	0 hrs	50-74
F5	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	0 hrs	0 hrs	0 hrs	175-299
F5	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	0 hrs	138 hrs	50-74
F5	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	207 hrs	207 hrs	0 hrs	75-119
F5	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	413 hrs	413 hrs	0 hrs	300-599
F5	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2022	December 20, 2022	April 1, 2025	833 days	714 days	4,285 hrs	0 hrs	4,285 hrs	50-74
F5	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	2,857 hrs	2,857 hrs	0 hrs	<25
F5	Building Construction	Concrete Pumps	1	2.0	2.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	1,428 hrs	1,428 hrs	0 hrs	75-119
F5	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	2,143 hrs	2,143 hrs	0 hrs	175-299
F5	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	0 hrs	0 hrs	0 hrs	120-174
F5	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	2,857 hrs	2,857 hrs	0 hrs	75-119
F5	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	2,857 hrs	2,857 hrs	0 hrs	75-119
F5	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	0 hrs	0 hrs	0 hrs	300-599
F5	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	0 hrs	0 hrs	0 hrs	75-119
F5	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2022	December 20, 2022	April 1, 2025	833 days	714 days	1,428 hrs	0 hrs	1,428 hrs	25-49
F5	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2025	April 1, 2025	May 31, 2025	60 days	52 days	620 hrs	0 hrs	620 hrs	75-119
F5	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2025	April 1, 2025	May 31, 2025	60 days	52 days	207 hrs	207 hrs	0 hrs	300-599
F5	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2025	April 1, 2025	May 31, 2025	60 days	52 days	103 hrs	103 hrs	0 hrs	120-174
F5	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	April 1, 2025	May 31, 2025	60 days	52 days	103 hrs	103 hrs	0 hrs	75-119
F5	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2025	April 1, 2025	May 31, 2025	60 days	52 days	258 hrs	258 hrs	0 hrs	75-119
F5	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	May 31, 2025	July 31, 2025	60 days	52 days	207 hrs	0 hrs	207 hrs	75-119
F6	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2022	July 1, 2024	September 2, 2024	63 days	54 days	326 hrs	0 hrs	326 hrs	75-119
F6	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	163 hrs	163 hrs	0 hrs	120-174
F6	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	326 hrs	326 hrs	0 hrs	300-599
F6	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	0 hrs	0 hrs	0 hrs	120-174
F6	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	217 hrs	217 hrs	0 hrs	300-599
F6	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	109 hrs	0 hrs	<25
F6	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	109 hrs	0 hrs	<25
F6	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	109 hrs	0 hrs	75-119
F6	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	109 hrs	0 hrs	75-119
F6	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
F6	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	109 hrs	0 hrs	50-74
F6	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
F6	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	0 hrs	109 hrs	50-74
F6	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	163 hrs	163 hrs	0 hrs	75-119
F6	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	326 hrs	326 hrs	0 hrs	300-599

F6	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2022	September 2, 2024	June 27, 2026	664 days	569 days	3,413 hrs	0 hrs	3,413 hrs	50-74
F6	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	2,275 hrs	2,275 hrs	0 hrs	<25
F6	Building Construction	Concrete Pumps	1	2.0	2.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	1,138 hrs	1,138 hrs	0 hrs	75-119
F6	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	1,706 hrs	1,706 hrs	0 hrs	175-299
F6	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	0 hrs	0 hrs	0 hrs	120-174
F6	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	2,275 hrs	2,275 hrs	0 hrs	75-119
F6	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	2,275 hrs	2,275 hrs	0 hrs	75-119
F6	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	0 hrs	0 hrs	0 hrs	300-599
F6	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	0 hrs	0 hrs	0 hrs	75-119
F6	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2022	September 2, 2024	June 27, 2026	664 days	569 days	1,138 hrs	0 hrs	1,138 hrs	25-49
F6	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2025	June 27, 2026	August 14, 2026	48 days	41 days	489 hrs	0 hrs	489 hrs	75-119
F6	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2025	June 27, 2026	August 14, 2026	48 days	41 days	163 hrs	163 hrs	0 hrs	300-599
F6	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2025	June 27, 2026	August 14, 2026	48 days	41 days	81 hrs	81 hrs	0 hrs	120-174
F6	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	June 27, 2026	August 14, 2026	48 days	41 days	81 hrs	81 hrs	0 hrs	75-119
F6	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2025	June 27, 2026	August 14, 2026	48 days	41 days	204 hrs	204 hrs	0 hrs	75-119
F6	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	August 14, 2026	October 1, 2026	48 days	41 days	163 hrs	0 hrs	163 hrs	75-119
G1	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2025	January 1, 2025	March 7, 2025	66 days	56 days	675 hrs	0 hrs	675 hrs	75-119
G1	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	337 hrs	337 hrs	0 hrs	120-174
G1	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	337 hrs	337 hrs	0 hrs	300-599
G1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	120-174
G1	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	225 hrs	225 hrs	0 hrs	300-599
G1	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	112 hrs	0 hrs	<25
G1	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	112 hrs	0 hrs	<25
G1	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	112 hrs	0 hrs	75-119
G1	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	112 hrs	0 hrs	75-119
G1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
G1	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	112 hrs	0 hrs	50-74
G1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
G1	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	0 hrs	112 hrs	50-74
G1	Site Preparation	Tractors/Loaders/Backhoes	2	3.0	3.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	337 hrs	337 hrs	0 hrs	75-119
G1	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	337 hrs	337 hrs	0 hrs	300-599
G1	Building Construction	Aerial Lifts	2	6.0	6.0	Electric-N/A	2025	March 7, 2025	January 22, 2027	686 days	588 days	7,056 hrs	0 hrs	7,056 hrs	50-74
G1	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	2,352 hrs	2,352 hrs	0 hrs	<25
G1	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	2,352 hrs	2,352 hrs	0 hrs	75-119
G1	Building Construction	Cranes	4	3.0	3.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	7,056 hrs	7,056 hrs	0 hrs	175-299
G1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	0 hrs	0 hrs	0 hrs	120-174
G1	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	4,704 hrs	4,704 hrs	0 hrs	75-119
G1	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	2,352 hrs	2,352 hrs	0 hrs	75-119
G1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	0 hrs	0 hrs	0 hrs	300-599
G1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	0 hrs	0 hrs	0 hrs	75-119
G1	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2025	March 7, 2025	January 22, 2027	686 days	588 days	1,764 hrs	0 hrs	1,764 hrs	25-49
G1	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	January 22, 2027	March 12, 2027	49 days	42 days	506 hrs	0 hrs	506 hrs	75-119
G1	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2027	January 22, 2027	March 12, 2027	49 days	42 days	169 hrs	169 hrs	0 hrs	300-599
G1	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2027	January 22, 2027	March 12, 2027	49 days	42 days	84 hrs	84 hrs	0 hrs	120-174
G1	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	January 22, 2027	March 12, 2027	49 days	42 days	84 hrs	84 hrs	0 hrs	75-119
G1	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2027	January 22, 2027	March 12, 2027	49 days	42 days	211 hrs	211 hrs	0 hrs	75-119
G1	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2027	March 12, 2027	May 1, 2027	49 days	42 days	169 hrs	0 hrs	169 hrs	75-119
H1	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2024	July 1, 2024	September 4, 2024	66 days	56 days	676 hrs	0 hrs	676 hrs	75-119
H1	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	338 hrs	338 hrs	0 hrs	120-174
H1	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	338 hrs	338 hrs	0 hrs	300-599
H1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	0 hrs	0 hrs	0 hrs	120-174
H1	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	225 hrs	225 hrs	0 hrs	300-599
H1	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	113 hrs	0 hrs	<25
H1	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	113 hrs	0 hrs	<25
H1	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	113 hrs	0 hrs	75-119
H1	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	113 hrs	0 hrs	75-119
H1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
H1	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	113 hrs	0 hrs	50-74
H1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
H1	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	0 hrs	113 hrs	50-74
H1	Site Preparation	Tractors/Loaders/Backhoes	2	3.0	3.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	338 hrs	338 hrs	0 hrs	75-119
H1	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	338 hrs	338 hrs	0 hrs	300-599
H1	Building Construction	Aerial Lifts	2	6.0	6.0	Electric-N/A	2024	September 4, 2024	July 24, 2026	688 days	589 days	7,072 hrs	0 hrs	7,072 hrs	50-74
H1	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	2,357 hrs	2,357 hrs	0 hrs	<25
H1	Building Construction	Concrete Pumps	1	2.0	2.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	1,179 hrs	1,179 hrs	0 hrs	75-119
H1	Building Construction	Cranes	2	3.0	3.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	3,536 hrs	3,536 hrs	0 hrs	175-299
H1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	0 hrs	0 hrs	0 hrs	120-174
H1	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	4,715 hrs	4,715 hrs	0 hrs	75-119
H1	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	2,357 hrs	2,357 hrs	0 hrs	75-119
H1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	0 hrs	0 hrs	0 hrs	300-599
H1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	0 hrs	0 hrs	0 hrs	75-119
H1	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2024	September 4, 2024	July 24, 2026	688 days	589 days	1,768 hrs	0 hrs	1,768 hrs	25-49
H1	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2026	July 24, 2026	September 11, 2026	49 days	42 days	507 hrs	0 hrs	507 hrs	75-119
H1	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2026	July 24, 2026	September 11, 2026	49 days	42 days	169 hrs	169 hrs	0 hrs	300-599
H1	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2026	July 24, 2026	September 11, 2026	49 days	42 days	85 hrs	85 hrs	0 hrs	120-174

H1	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2026	July 24, 2026	September 11, 2026	49 days	42 days	85 hrs	85 hrs	0 hrs	75-119
H1	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2026	July 24, 2026	September 11, 2026	49 days	42 days	211 hrs	211 hrs	0 hrs	75-119
H1	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2026	September 11, 2026	October 31, 2026	49 days	42 days	169 hrs	0 hrs	169 hrs	75-119
H2	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2029	January 1, 2029	February 25, 2029	56 days	48 days	288 hrs	0 hrs	288 hrs	75-119
H2	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	144 hrs	144 hrs	0 hrs	120-174
H2	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	288 hrs	288 hrs	0 hrs	300-599
H2	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	0 hrs	0 hrs	0 hrs	120-174
H2	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	192 hrs	192 hrs	0 hrs	300-599
H2	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	96 hrs	0 hrs	<25
H2	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	96 hrs	0 hrs	<25
H2	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	96 hrs	0 hrs	75-119
H2	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	96 hrs	0 hrs	75-119
H2	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	0 hrs	0 hrs	0 hrs	175-299
H2	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	96 hrs	0 hrs	50-74
H2	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	0 hrs	0 hrs	0 hrs	175-299
H2	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	0 hrs	96 hrs	50-74
H2	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	144 hrs	144 hrs	0 hrs	75-119
H2	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	288 hrs	288 hrs	0 hrs	300-599
H2	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2029	February 25, 2029	October 8, 2030	589 days	505 days	3,030 hrs	0 hrs	3,030 hrs	50-74
H2	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	2,020 hrs	2,020 hrs	0 hrs	<25
H2	Building Construction	Concrete Pumps	1	2.0	2.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	1,010 hrs	1,010 hrs	0 hrs	75-119
H2	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	1,515 hrs	1,515 hrs	0 hrs	175-299
H2	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	0 hrs	0 hrs	0 hrs	120-174
H2	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	2,020 hrs	2,020 hrs	0 hrs	75-119
H2	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	2,020 hrs	2,020 hrs	0 hrs	75-119
H2	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	0 hrs	0 hrs	0 hrs	300-599
H2	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	0 hrs	0 hrs	0 hrs	75-119
H2	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2029	February 25, 2029	October 8, 2030	589 days	505 days	1,010 hrs	0 hrs	1,010 hrs	25-49
H2	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2030	October 8, 2030	November 19, 2030	42 days	36 days	431 hrs	0 hrs	431 hrs	75-119
H2	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2030	October 8, 2030	November 19, 2030	42 days	36 days	144 hrs	144 hrs	0 hrs	300-599
H2	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2030	October 8, 2030	November 19, 2030	42 days	36 days	72 hrs	72 hrs	0 hrs	120-174
H2	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2030	October 8, 2030	November 19, 2030	42 days	36 days	72 hrs	72 hrs	0 hrs	75-119
H2	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2030	October 8, 2030	November 19, 2030	42 days	36 days	180 hrs	180 hrs	0 hrs	75-119
H2	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2030	November 19, 2030	December 31, 2030	42 days	36 days	144 hrs	0 hrs	144 hrs	75-119
H3	Site Preparation	Concrete/Industrial Saws	5	6.0	6.0	Electric-N/A	2025	July 1, 2025	September 9, 2025	71 days	61 days	1,816 hrs	0 hrs	1,816 hrs	75-119
H3	Site Preparation	Excavator	4	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	727 hrs	727 hrs	0 hrs	120-174
H3	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	727 hrs	727 hrs	0 hrs	300-599
H3	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	0 hrs	0 hrs	0 hrs	120-174
H3	Site Preparation	Pile Drivers	2	4.0	4.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	484 hrs	484 hrs	0 hrs	300-599
H3	Site Preparation	Plate Compactors	2	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	242 hrs	242 hrs	0 hrs	<25
H3	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	363 hrs	363 hrs	0 hrs	<25
H3	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	363 hrs	363 hrs	0 hrs	75-119
H3	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	121 hrs	121 hrs	0 hrs	75-119
H3	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	0 hrs	0 hrs	0 hrs	175-299
H3	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	121 hrs	121 hrs	0 hrs	50-74
H3	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	0 hrs	0 hrs	0 hrs	175-299
H3	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2025	July 1, 2025	September 9, 2025	71 days	61 days	363 hrs	0 hrs	363 hrs	50-74
H3	Site Preparation	Tractors/Loaders/Backhoes	4	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	727 hrs	727 hrs	0 hrs	75-119
H3	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	363 hrs	363 hrs	0 hrs	300-599
H3	Building Construction	Aerial Lifts	6	6.0	6.0	Electric-N/A	2025	September 9, 2025	September 16, 2027	736 days	631 days	22,723 hrs	0 hrs	22,723 hrs	50-74
H3	Building Construction	Cement and Mortar Mixers	5	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	12,624 hrs	12,624 hrs	0 hrs	<25
H3	Building Construction	Concrete Pumps	3	2.0	2.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	3,787 hrs	3,787 hrs	0 hrs	75-119
H3	Building Construction	Cranes	4	3.0	3.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	7,574 hrs	7,574 hrs	0 hrs	175-299
H3	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	0 hrs	0 hrs	0 hrs	120-174
H3	Building Construction	Forklifts	4	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	10,099 hrs	10,099 hrs	0 hrs	75-119
H3	Building Construction	Generator Sets	3	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	7,574 hrs	7,574 hrs	0 hrs	75-119
H3	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	0 hrs	0 hrs	0 hrs	300-599
H3	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	0 hrs	0 hrs	0 hrs	75-119
H3	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2025	September 9, 2025	September 16, 2027	736 days	631 days	1,894 hrs	0 hrs	1,894 hrs	25-49
H3	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	September 16, 2027	November 8, 2027	53 days	45 days	545 hrs	0 hrs	545 hrs	75-119
H3	Paving	Off-Highway Trucks	2	4.0	4.0	Diesel-Tier 4f	2027	September 16, 2027	November 8, 2027	53 days	45 days	363 hrs	363 hrs	0 hrs	300-599
H3	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2027	September 16, 2027	November 8, 2027	53 days	45 days	182 hrs	182 hrs	0 hrs	120-174
H3	Paving	Rollers	2	2.0	2.0	Diesel-Tier 4f	2027	September 16, 2027	November 8, 2027	53 days	45 days	182 hrs	182 hrs	0 hrs	75-119
H3	Paving	Tractors/Loaders/Backhoes	2	5.0	5.0	Diesel-Tier 4f	2027	September 16, 2027	November 8, 2027	53 days	45 days	454 hrs	454 hrs	0 hrs	75-119
H3	Arc. Coating	Air Compressors	4	4.0	4.0	Electric-N/A	2027	November 8, 2027	December 31, 2027	53 days	45 days	727 hrs	0 hrs	727 hrs	75-119
H4	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2027	February 1, 2027	March 29, 2027	56 days	48 days	288 hrs	0 hrs	288 hrs	75-119
H4	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	288 hrs	288 hrs	0 hrs	120-174
H4	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	576 hrs	576 hrs	0 hrs	300-599
H4	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	0 hrs	0 hrs	0 hrs	120-174
H4	Site Preparation	Pile Drivers	2	4.0	4.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	384 hrs	384 hrs	0 hrs	300-599
H4	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	96 hrs	0 hrs	<25
H4	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	96 hrs	0 hrs	<25
H4	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	96 hrs	0 hrs	75-119
H4	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	96 hrs	0 hrs	75-119
H4	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	0 hrs	0 hrs	0 hrs	175-299

H4	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	96 hrs	0 hrs	50-74
H4	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	0 hrs	0 hrs	0 hrs	175-299
H4	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	0 hrs	96 hrs	50-74
H4	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	144 hrs	144 hrs	0 hrs	75-119
H4	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	288 hrs	288 hrs	0 hrs	300-599
H4	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2027	March 29, 2027	November 8, 2028	590 days	506 days	9,103 hrs	0 hrs	9,103 hrs	50-74
H4	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	2,023 hrs	2,023 hrs	0 hrs	<25
H4	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	2,023 hrs	2,023 hrs	0 hrs	75-119
H4	Building Construction	Cranes	2	3.0	3.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	3,034 hrs	3,034 hrs	0 hrs	175-299
H4	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	0 hrs	0 hrs	0 hrs	120-174
H4	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	4,046 hrs	4,046 hrs	0 hrs	75-119
H4	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	2,023 hrs	2,023 hrs	0 hrs	75-119
H4	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	0 hrs	0 hrs	0 hrs	300-599
H4	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	0 hrs	0 hrs	0 hrs	75-119
H4	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2027	March 29, 2027	November 8, 2028	590 days	506 days	1,011 hrs	0 hrs	1,011 hrs	25-49
H4	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2028	November 8, 2028	December 20, 2028	42 days	36 days	432 hrs	0 hrs	432 hrs	75-119
H4	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2028	November 8, 2028	December 20, 2028	42 days	36 days	144 hrs	144 hrs	0 hrs	300-599
H4	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2028	November 8, 2028	December 20, 2028	42 days	36 days	72 hrs	72 hrs	0 hrs	120-174
H4	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2028	November 8, 2028	December 20, 2028	42 days	36 days	72 hrs	72 hrs	0 hrs	75-119
H4	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2028	November 8, 2028	December 20, 2028	42 days	36 days	180 hrs	180 hrs	0 hrs	75-119
H4	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2028	December 20, 2028	January 31, 2029	42 days	36 days	144 hrs	0 hrs	144 hrs	75-119
150 SM	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2024	October 1, 2024	November 28, 2024	58 days	50 days	601 hrs	0 hrs	601 hrs	75-119
150 SM	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
150 SM	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2024	October 1, 2024	November 28, 2024	58 days	50 days	100 hrs	0 hrs	100 hrs	50-74
150 SM	Site Preparation	Excavator (Small 150 HP)	2	6.0	6.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	601 hrs	601 hrs	0 hrs	120-174
150 SM	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
150 SM	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	150 hrs	150 hrs	0 hrs	75-119
150 SM	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
150 SM	Site Preparation	Off-Highway Trucks	0	6.0	6.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	300-599
150 SM	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
150 SM	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	120-174
150 SM	Site Preparation	Trench Roller (25 HP)	1	4.0	4.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	200 hrs	200 hrs	0 hrs	25-49
150 SM	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	100 hrs	100 hrs	0 hrs	50-74
150 SM	Site Preparation	Pumps	0	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	75-119
150 SM	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
150 SM	Site Preparation	Pile Drivers	0	4.0	4.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	300-599
150 SM	Building Construction	Cranes (220 HP mobile crane)	1	2.0	2.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	1,053 hrs	1,053 hrs	0 hrs	175-299
150 SM	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
150 SM	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
150 SM	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	0 hrs	0 hrs	0 hrs	75-119
150 SM	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	0 hrs	0 hrs	0 hrs	300-599
150 SM	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2024	November 28, 2024	August 4, 2026	614 days	526 days	9,473 hrs	0 hrs	9,473 hrs	50-74
150 SM	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	0 hrs	0 hrs	0 hrs	120-174
150 SM	Building Construction	Cement and Mortar Mixers - E	2	4.0	4.0	Electric-N/A	2024	November 28, 2024	August 4, 2026	614 days	526 days	4,210 hrs	0 hrs	4,210 hrs	<25
150 SM	Building Construction	Concrete Pumps	1	1.0	1.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	526 hrs	526 hrs	0 hrs	75-119
150 SM	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2024	November 28, 2024	August 4, 2026	614 days	526 days	1,053 hrs	0 hrs	1,053 hrs	25-49
150 SM	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2026	August 4, 2026	September 17, 2026	44 days	38 days	75 hrs	75 hrs	0 hrs	120-174
150 SM	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2026	August 4, 2026	September 17, 2026	44 days	38 days	75 hrs	75 hrs	0 hrs	75-119
150 SM	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2026	August 4, 2026	September 17, 2026	44 days	38 days	150 hrs	150 hrs	0 hrs	300-599
150 SM	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2026	August 4, 2026	September 17, 2026	44 days	38 days	188 hrs	188 hrs	0 hrs	75-119
150 SM	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2026	August 4, 2026	September 17, 2026	44 days	38 days	451 hrs	0 hrs	451 hrs	75-119
150 SM	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2026	September 17, 2026	October 31, 2026	44 days	38 days	150 hrs	0 hrs	150 hrs	75-119
40 SM	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	0 hrs	526 hrs	75-119
40 SM	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	175-299
40 SM	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	0 hrs	88 hrs	50-74
40 SM	Site Preparation	Excavator **(Small 150 HP)**	2	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	526 hrs	0 hrs	120-174
40 SM	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	263 hrs	263 hrs	0 hrs	300-599
40 SM	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	131 hrs	131 hrs	0 hrs	75-119
40 SM	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	175-299
40 SM	Site Preparation	Off-Highway Trucks	0	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	300-599
40 SM	Site Preparation	Pile Drivers	0	4.0	4.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	300-599
40 SM	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	<25
40 SM	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	120-174
40 SM	Site Preparation	Trench Roller (25 HP)	1	4.0	4.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	175 hrs	175 hrs	0 hrs	25-49
40 SM	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	50-74
40 SM	Site Preparation	Pumps	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	75-119
40 SM	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	<25
40 SM	Building Construction	Cranes (220 HP mobile crane)	1	2.0	2.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	928 hrs	928 hrs	0 hrs	175-299
40 SM	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	1,856 hrs	1,856 hrs	0 hrs	75-119
40 SM	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	1,856 hrs	1,856 hrs	0 hrs	75-119
40 SM	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	75-119

40 SM	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	300-599
40 SM	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	8,350 hrs	0 hrs	8,350 hrs	50-74
40 SM	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	120-174
40 SM	Building Construction	Cement and Mortar Mixers - E	2	4.0	4.0	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	3,711 hrs	0 hrs	3,711 hrs	<25
40 SM	Building Construction	Concrete Pumps	1	1.0	1.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	464 hrs	464 hrs	0 hrs	75-119
40 SM	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	928 hrs	0 hrs	928 hrs	25-49
40 SM	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	66 hrs	66 hrs	0 hrs	120-174
40 SM	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	66 hrs	66 hrs	0 hrs	75-119
40 SM	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	131 hrs	131 hrs	0 hrs	300-599
40 SM	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	164 hrs	164 hrs	0 hrs	75-119
40 SM	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2025	August 15, 2025	September 22, 2025	38 days	33 days	394 hrs	0 hrs	394 hrs	75-119
40 SM	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	September 22, 2025	October 31, 2025	38 days	33 days	131 hrs	0 hrs	131 hrs	75-119
LTA B1-1	Paving	Concrete/Industrial Saws	1	3.0	3.0	Electric-N/A	2025	July 1, 2025	July 6, 2025	5 days	4 days	13 hrs	0 hrs	13 hrs	75-119
LTA B1-1	Paving	Cement and Mortar Mixers	1	8.0	8.0	Diesel-Tier 4f	2025	July 1, 2025	July 6, 2025	5 days	4 days	34 hrs	34 hrs	0 hrs	<25
LTA B1-1	Paving	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	July 1, 2025	July 6, 2025	5 days	4 days	9 hrs	0 hrs	9 hrs	50-74
LTA B1-1	Paving	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	July 6, 2025	5 days	4 days	9 hrs	9 hrs	0 hrs	<25
LTA B1-2	Paving	Concrete/Industrial Saws	1	3.0	3.0	Electric-N/A	2025	July 8, 2025	July 13, 2025	5 days	4 days	13 hrs	0 hrs	13 hrs	75-119
LTA B1-2	Paving	Cement and Mortar Mixers	1	8.0	8.0	Diesel-Tier 4f	2025	July 8, 2025	July 13, 2025	5 days	4 days	34 hrs	34 hrs	0 hrs	<25
LTA B1-2	Paving	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	July 8, 2025	July 13, 2025	5 days	4 days	9 hrs	0 hrs	9 hrs	50-74
LTA B1-2	Paving	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2025	July 8, 2025	July 13, 2025	5 days	4 days	9 hrs	9 hrs	0 hrs	<25
LTA B1-3	Paving	Pile Drivers	1	8.0	8.0	Diesel-Tier 4f	2025	July 15, 2025	August 12, 2025	28 days	24 days	192 hrs	192 hrs	0 hrs	300-599
LTA B1-3	Paving	Generator Sets	1	8.0	8.0	Diesel-Tier 4f	2025	July 15, 2025	August 12, 2025	28 days	24 days	192 hrs	192 hrs	0 hrs	75-119
LTA B1-3	Paving	Cranes (220 HP mobile crane)	1	5.0	4.0	Diesel-Tier 4f	2025	July 15, 2025	August 12, 2025	28 days	24 days	116 hrs	116 hrs	0 hrs	175-299
LTA B1-3	Paving	Cement and Mortar Mixers - E	1	5.0	4.0	Electric-N/A	2025	July 15, 2025	August 12, 2025	28 days	24 days	116 hrs	0 hrs	116 hrs	<25
LTA B1-4	Paving	Tractors/Loaders/Backhoes	1	6.0	6.0	Diesel-Tier 4f	2025	August 13, 2025	August 23, 2025	10 days	9 days	51 hrs	51 hrs	0 hrs	75-119
LTA B1-4	Paving	Pavers	1	6.0	6.0	Diesel-Tier 4f	2025	August 13, 2025	August 23, 2025	10 days	9 days	51 hrs	51 hrs	0 hrs	120-174
LTA B1-4	Paving	Cement and Mortar Mixers - E	1	8.0	8.0	Electric-N/A	2025	August 13, 2025	August 23, 2025	10 days	9 days	69 hrs	0 hrs	69 hrs	<25
LTA B1-4	Paving	Generator Sets	1	8.0	8.0	Diesel-Tier 4f	2025	August 13, 2025	August 23, 2025	10 days	9 days	69 hrs	69 hrs	0 hrs	75-119
LTA B1-4	Paving	Excavator **(Small 150 HP)**	1	8.0	8.0	Diesel-Tier 4f	2025	August 24, 2025	September 3, 2025	10 days	9 days	69 hrs	69 hrs	0 hrs	120-174
LTA B1-4	Paving	Pavers	1	6.0	6.0	Diesel-Tier 4f	2025	August 24, 2025	September 3, 2025	10 days	9 days	51 hrs	51 hrs	0 hrs	120-174
LTA B1-4	Paving	Cement and Mortar Mixers - E	1	8.0	8.0	Electric-N/A	2025	August 24, 2025	September 3, 2025	10 days	9 days	69 hrs	0 hrs	69 hrs	<25
LTA B1-4	Paving	Generator Sets	1	8.0	8.0	Diesel-Tier 4f	2025	August 24, 2025	September 3, 2025	10 days	9 days	69 hrs	69 hrs	0 hrs	75-119
Excavation	1	E - Excavators	5	3	3	DIESEL T4	2021	7/1/2021	7/1/2024		940	14,100 hrs	14,100 hrs	0 hrs	175-299
Excavation	1	E - Rubber Tired Dozers	5	6	6	electric	2021				940	28,200 hrs	28,200 hrs	0 hrs	120-174
Excavation	1	E - Off-Highway Trucks	3	8	8	electric	2021				940	22,560 hrs	22,560 hrs	0 hrs	300-599
Excavation	1	E - Pressure Washers	3	1	1	DIESEL T4	2021				940	2,820 hrs	2,820 hrs	0 hrs	<25
Excavation	1	E - Pumps	3	10	10	electric	2021				940	28,200 hrs	28,200 hrs	0 hrs	75-119
Excavation	1	E - Bore/Drill Rigs	3	6	6	DIESEL T4	2021				940	16,920 hrs	16,920 hrs	0 hrs	300-599
Excavation	1	E - Ground anchoring	3	4	4	DIESEL T4	2021				940	11,280 hrs	11,280 hrs	0 hrs	175-299
Excavation	1	E - Mobile Concrete Pump - Tier 4 Diesel	1	4	4	DIESEL T4	2021				940	3,760 hrs	3,760 hrs	0 hrs	300-599
Excavation	1	E - Tractors/Loaders/Backhoes	3	6	6	DIESEL T4	2021				940	16,920 hrs	16,920 hrs	0 hrs	75-119
Excavation	1	E - Aerial Lifts	3	2	2	DIESEL T4	2021				940	5,640 hrs	0 hrs	5,640 hrs	50-74
Excavation	1	E - Air Compressors	3	2	2	DIESEL T4	2021				940	5,640 hrs	0 hrs	5,640 hrs	75-119
Excavation	1	E - Generator Sets	3	6	6	DIESEL T4 - (goes electric in	2021				940	16,920 hrs	16,920 hrs	0 hrs	75-119
Excavation	1	E - Sweepers/Scrubbers	1	8	8	DIESEL T4	2021				940	7,520 hrs	0 hrs	7,520 hrs	50-74
Excavation	1	ER- Graders	2	6	6	DIESEL T4	2021				940	11,280 hrs	11,280 hrs	0 hrs	175-299
Excavation	1	ER -Rubber Tired Dozers	1	6	6	DIESEL T4	2021				940	5,640 hrs	5,640 hrs	0 hrs	120-174
Excavation	1	ER -Excavators	1	6	6	DIESEL T4	2021				940	5,640 hrs	5,640 hrs	0 hrs	175-299
Excavation	1	ER -Trenchers	1	6	6	DIESEL T4	2021				940	5,640 hrs	5,640 hrs	0 hrs	75-119
Excavation	1	ER - Off-Highway Trucks	1	8	8	DIESEL T4- (goes electric in	2021				940	7,520 hrs	7,520 hrs	0 hrs	300-599
Excavation	1	ER - Skid Steer Loaders	2	6	6	DIESEL T4	2021				940	11,280 hrs	11,280 hrs	0 hrs	75-119
Excavation	1	ER - Pressure Washers	1	1	1	DIESEL T4	2021				940	940 hrs	940 hrs	0 hrs	<25
Excavation	1	ER - Plate Compactors	1	8	8	DIESEL T4	2021				940	7,520 hrs	7,520 hrs	0 hrs	<25
Excavation	2a	E - Excavators	5	1.15400812	1.15400812	DIESEL T4	2025	7/1/2025	4/1/2027		549	3,168 hrs	3,168 hrs	0 hrs	175-299
Excavation	2a	E - Rubber Tired Dozers	5	2.30801623	2.30801623	DIESEL T4	2025				549	6,336 hrs	6,336 hrs	0 hrs	120-174
Excavation	2a	E - Off-Highway Trucks	3	3.07735498	3.07735498	DIESEL T4	2025				549	5,068 hrs	5,068 hrs	0 hrs	300-599
Excavation	2a	E - Pressure Washers	3	0.38466937	0.38466937	DIESEL T4	2025				549	634 hrs	634 hrs	0 hrs	<25
Excavation	2a	E - Pumps	3	3.84669372	3.84669372	DIESEL T4- (goes electric in	2025				549	6,336 hrs	6,336 hrs	0 hrs	75-119
Excavation	2a	E - Bore/Drill Rigs	3	2.30801623	2.30801623	DIESEL T4	2025				549	3,801 hrs	3,801 hrs	0 hrs	300-599
Excavation	2a	E - Ground anchoring	3	1.53867749	1.53867749	DIESEL T4	2025				549	2,534 hrs	2,534 hrs	0 hrs	175-299
Excavation	2a	E - Mobile Concrete Pump - Tier 4 Diesel	1	1.53867749	1.53867749	DIESEL T4	2025				549	845 hrs	845 hrs	0 hrs	300-599
Excavation	2a	E - Tractors/Loaders/Backhoes	3	2.30801623	2.30801623	DIESEL T4	2025				549	3,801 hrs	3,801 hrs	0 hrs	75-119
Excavation	2a	E - Aerial Lifts	3	0.76933874	0.76933874	electric	2025				549	1,267 hrs	0 hrs	1,267 hrs	50-74
Excavation	2a	E - Air Compressors	3	0.76933874	0.76933874	electric	2025				549	1,267 hrs	0 hrs	1,267 hrs	75-119
Excavation	2a	E - Generator Sets	3	2.30801623	2.30801623	DIESEL T4	2025				549	3,801 hrs	3,801 hrs	0 hrs	75-119
Excavation	2a	E - Sweepers/Scrubbers	1	3.07735498	3.07735498	electric	2025				549	1,689 hrs	0 hrs	1,689 hrs	50-74
Excavation	2a	ER- Graders	2	6	6	DIESEL T4	2025				549	6,588 hrs	6,588 hrs	0 hrs	175-299

Excavation	2a	ER -Rubber Tired Dozers	1	6	6	DIESEL T4	2025				549	3,294 hrs	3,294 hrs	0 hrs	120-174
Excavation	2a	ER -Excavators	1	6	6	DIESEL T4	2025				549	3,294 hrs	3,294 hrs	0 hrs	175-299
Excavation	2a	ER -Trenchers	1	6	6	DIESEL T4	2025				549	3,294 hrs	3,294 hrs	0 hrs	75-119
Excavation	2a	ER - Off-Highway Trucks	1	8	8	DIESEL T4	2025				549	4,392 hrs	4,392 hrs	0 hrs	300-599
Excavation	2a	ER - Skid Steer Loaders	2	6	6	DIESEL T4	2025				549	6,588 hrs	6,588 hrs	0 hrs	75-119
Excavation	2a	ER - Pressure Washers	1	1	1	DIESEL T4 - (goes electric in	2025				549	549 hrs	549 hrs	0 hrs	<25
Excavation	2a	ER - Plate Compactors	1	8	8	DIESEL T4	2025				549	4,392 hrs	4,392 hrs	0 hrs	<25
Excavation	2b	E - Excavators	5	1.5893846	1.5893846	DIESEL T4	2029	1/1/2029	1/1/2030		314	2,495 hrs	2,495 hrs	0 hrs	175-299
Excavation	2b	E - Rubber Tired Dozers	5	3.1787692	3.1787692	DIESEL T4	2029				314	4,991 hrs	4,991 hrs	0 hrs	120-174
Excavation	2b	E - Off-Highway Trucks	3	4.23835894	4.23835894	DIESEL T4	2029				314	3,993 hrs	3,993 hrs	0 hrs	300-599
Excavation	2b	E - Pressure Washers	3	0.52979487	0.52979487	DIESEL T4	2029				314	499 hrs	499 hrs	0 hrs	<25
Excavation	2b	E - Pumps	3	5.29794867	5.29794867	DIESEL T4- (goes electric in	2029				314	4,991 hrs	4,991 hrs	0 hrs	75-119
Excavation	2b	E - Bore/Drill Rigs	3	3.1787692	3.1787692	DIESEL T4	2029				314	2,994 hrs	2,994 hrs	0 hrs	300-599
Excavation	2b	E - Ground anchoring	3	2.11917947	2.11917947	DIESEL T4	2029				314	1,996 hrs	1,996 hrs	0 hrs	175-299
Excavation	2b	E - Mobile Concrete Pump - Tier 4 Diesel	1	2.11917947	2.11917947	DIESEL T4	2029				314	665 hrs	665 hrs	0 hrs	300-599
Excavation	2b	E - Tractors/Loaders/Backhoes	3	3.1787692	3.1787692	DIESEL T4	2029				314	2,994 hrs	2,994 hrs	0 hrs	75-119
Excavation	2b	E - Aerial Lifts	3	1.05958973	1.05958973	electric	2029				314	998 hrs	0 hrs	998 hrs	50-74
Excavation	2b	E - Air Compressors	3	1.05958973	1.05958973	electric	2029				314	998 hrs	0 hrs	998 hrs	75-119
Excavation	2b	E - Generator Sets	3	3.1787692	3.1787692	DIESEL T4	2029				314	2,994 hrs	2,994 hrs	0 hrs	75-119
Excavation	2b	E - Sweepers/Scrubbers	1	4.23835894	4.23835894	electric	2029				314	1,331 hrs	0 hrs	1,331 hrs	50-74
Excavation	2b	ER- Graders	2	6	6	DIESEL T4	2029				314	3,768 hrs	3,768 hrs	0 hrs	175-299
Excavation	2b	ER -Rubber Tired Dozers	1	6	6	DIESEL T4	2029				314	1,884 hrs	1,884 hrs	0 hrs	120-174
Excavation	2b	ER -Excavators	1	6	6	DIESEL T4	2029				314	1,884 hrs	1,884 hrs	0 hrs	175-299
Excavation	2b	ER -Trenchers	1	6	6	DIESEL T4	2029				314	1,884 hrs	1,884 hrs	0 hrs	75-119
Excavation	2b	ER - Off-Highway Trucks	1	8	8	DIESEL T4	2029				314	2,512 hrs	2,512 hrs	0 hrs	300-599
Excavation	2b	ER - Skid Steer Loaders	2	6	6	DIESEL T4	2029				314	3,768 hrs	3,768 hrs	0 hrs	75-119
Excavation	2b	ER - Pressure Washers	1	1	1	DIESEL T4 - (goes electric in	2029				314	314 hrs	314 hrs	0 hrs	<25
Excavation	2b	ER - Plate Compactors	1	8	8	DIESEL T4	2029				314	2,512 hrs	2,512 hrs	0 hrs	<25
Excavation	3	E - Excavators	5	1.61558664	1.61558664	DIESEL T4	2030	1/1/2030	7/1/2031		649	5,243 hrs	5,243 hrs	0 hrs	175-299
Excavation	3	E - Rubber Tired Dozers	5	3.23117329	3.23117329	DIESEL T4	2030				649	10,485 hrs	10,485 hrs	0 hrs	120-174
Excavation	3	E - Off-Highway Trucks	3	4.30823105	4.30823105	DIESEL T4	2030				649	8,388 hrs	8,388 hrs	0 hrs	300-599
Excavation	3	E - Pressure Washers	3	0.53852888	0.53852888	DIESEL T4	2030				649	1,049 hrs	1,049 hrs	0 hrs	<25
Excavation	3	E - Pumps	3	5.38528882	5.38528882	DIESEL T4- (goes electric in	2030				649	10,485 hrs	10,485 hrs	0 hrs	75-119
Excavation	3	E - Bore/Drill Rigs	3	3.23117329	3.23117329	DIESEL T4	2030				649	6,291 hrs	6,291 hrs	0 hrs	300-599
Excavation	3	E - Ground anchoring	3	2.15411553	2.15411553	DIESEL T4	2030				649	4,194 hrs	4,194 hrs	0 hrs	175-299
Excavation	3	E - Mobile Concrete Pump - Tier 4 Diesel	1	2.15411553	2.15411553	DIESEL T4	2030				649	1,398 hrs	1,398 hrs	0 hrs	300-599
Excavation	3	E - Tractors/Loaders/Backhoes	3	3.23117329	3.23117329	DIESEL T4	2030				649	6,291 hrs	6,291 hrs	0 hrs	75-119
Excavation	3	E - Aerial Lifts	3	1.07705776	1.07705776	electric	2030				649	2,097 hrs	0 hrs	2,097 hrs	50-74
Excavation	3	E - Air Compressors	3	1.07705776	1.07705776	electric	2030				649	2,097 hrs	0 hrs	2,097 hrs	75-119
Excavation	3	E - Generator Sets	3	3.23117329	3.23117329	DIESEL T4	2030				649	6,291 hrs	6,291 hrs	0 hrs	75-119
Excavation	3	E - Sweepers/Scrubbers	1	4.30823105	4.30823105	electric	2030				649	2,796 hrs	0 hrs	2,796 hrs	50-74
Excavation	3	ER- Graders	2	6	6	DIESEL T4	2030				649	7,788 hrs	7,788 hrs	0 hrs	175-299
Excavation	3	ER -Rubber Tired Dozers	1	6	6	DIESEL T4	2030				649	3,894 hrs	3,894 hrs	0 hrs	120-174
Excavation	3	ER -Excavators	1	6	6	DIESEL T4	2030				649	3,894 hrs	3,894 hrs	0 hrs	175-299
Excavation	3	ER -Trenchers	1	6	6	DIESEL T4	2030				649	3,894 hrs	3,894 hrs	0 hrs	75-119
Excavation	3	ER - Off-Highway Trucks	1	8	8	DIESEL T4	2030				649	5,192 hrs	5,192 hrs	0 hrs	300-599
Excavation	3	ER - Skid Steer Loaders	2	6	6	DIESEL T4	2030				649	7,788 hrs	7,788 hrs	0 hrs	75-119
Excavation	3	ER - Pressure Washers	1	1	1	DIESEL T4 - (goes electric in	2030				649	649 hrs	649 hrs	0 hrs	<25
Excavation	3	ER - Plate Compactors	1	8	8	DIESEL T4	2030				649	5,192 hrs	5,192 hrs	0 hrs	<25

Source: DTW_EIR Schedule Equipment_2020.06.12_Caltrain Removed_kfh

Equipment	CalEEMod Default HP	Load Factor	HP Bin	Fuel Type	% Diesel	Notes
Aerial Lifts	63	0.3082	50-74	Electric	0.00%	
Air Compressors	78	0.48	75-119	Electric	0.00%	
Cement and Mortar Mixers	9	0.56	<25	Diesel	100.00%	
Cement and Mortar Mixers - E	9	0.56	<25	Electric	0.00%	
Concrete Pumps	84	0.74	75-119	Diesel	100.00%	
Concrete Saw	81	0.73	75-119	Electric	0.00%	
Concrete/Industrial Saws	84	0.73	75-119	Electric	0.00%	
Cranes	231	0.29	175-299	Diesel	100.00%	
Cranes (220 HP mobile crane)	220	0.29	175-299	Diesel	100.00%	
Excavator	158	0.3819	120-174	Diesel	100.00%	
Excavators	158	0.3819	120-174	Diesel	100.00%	
Excavator (Small 150 HP)	150	0.3819	120-174	Diesel	100.00%	
Forklifts	89	0.2	75-119	Diesel	100.00%	
Generator Sets	84	0.74	75-119	Diesel	100.00%	
Off-Highway Trucks	402	0.3819	300-599	Diesel	100.00%	
Pavers	130	0.4154	120-174	Diesel	100.00%	
Pile Drivers	231	0.29	300-599	Diesel	100.00%	
Plate Compactors	8	0.43	<25	Diesel	100.00%	Plate Compactors are gasoline, "diesel" is used for determining use of electric equipment.
Pressure Washer	13	0.3	<25	Diesel	100.00%	Pressure Washers are gasoline, "diesel" is used for determining use of electric equipment.
Pumps	84	0.74	75-119	Diesel	100.00%	Pumps are gasoline, "diesel" is used for determining use of electric equipment.
Rollers	80	3.752	75-119	Diesel	100.00%	
Rubber Tired Dozers	247	0.4	175-299	Diesel	100.00%	
Skid-Steer Loaders	65	0.3685	50-74	Diesel	100.00%	
Surfacing Equipment	263	0.3015	175-299	Diesel	100.00%	
Sweepers/Scrubbers	64	0.4556	50-74	Electric	0.00%	
Tractors/Loaders/Backhoes	97	0.37	75-119	Diesel	100.00%	
Trench Roller (25 HP)	25	0.45	25-49	Diesel	100.00%	
Water Trucks	402	0.3819	300-599	Diesel	100.00%	
Welders	46	0.45	25-49	Electric	0.00%	

Source: CalEEMod 2016.3.2

E - Excavators	270	0.38	175-299	Diesel	100.00%	
E - Rubber Tired Dozers	170	0.4	120-174	Diesel	100.00%	
E - Off-Highway Trucks	300	0.38	300-599	Diesel	100.00%	
E - Pressure Washers	13	0.3	<25	Diesel	100.00%	Pressure Washers are gasoline, "diesel" is used for determining use of electric equipment.
E - Pumps	84	0.74	75-119	Diesel	100.00%	Pumps are gasoline, "diesel" is used for determining use of electric equipment.
E - Bore/Drill Rigs	350	0.5	300-599	Diesel	100.00%	
E - Ground anchoring	215	0.3	175-299	Diesel	100.00%	
E - Mobile Concrete Pump - Tier 4 Diese	350	0.4	300-599	Diesel	100.00%	
E - Tractors/Loaders/Backhoes	103	0.37	75-119	Diesel	100.00%	
E - Aerial Lifts	63	0.31	50-74	Electric	0.00%	
E - Air Compressors	78	0.48	75-119	Electric	0.00%	
E - Generator Sets	84	0.74	75-119	Diesel	100.00%	
E - Sweepers/Scrubbers	64	0.46	50-74	Electric	0.00%	

ER- Graders	187	0.41	175-299	Diesel	100.00%	
ER -Rubber Tired Dozers	170	0.4	120-174	Diesel	100.00%	
ER -Excavators	270	0.2	175-299	Diesel	100.00%	
ER -Trenchers	78	0.5	75-119	Diesel	100.00%	
ER - Off-Highway Trucks	300	0.38	300-599	Diesel	100.00%	
ER - Skid Steer Loaders	103	0.37	75-119	Diesel	100.00%	
ER - Pressure Washers	13	0.3	<25	Diesel	100.00%	Pressure Washers are gasoline, "diesel" is used for determining use of electric equipment.
ER - Plate Compactors	8	0.04	<25	Diesel	100.00%	Plate Compactors are gasoline, "diesel" is used for determining use of electric equipment.

Source: CAP Summary Excel Sheet

Note: Plate Compactors are Gasoline but listed as diesel for eas of quantification. Emission Factors are based on gasoline engines.

Downtown West San Jose Mixed Use Project
Project Schedule by Year

		Equipment Usage Dates		Duration				
Block #	Phase	Start	End	Total Days per Machine	Working days (Mon-Sat)	year	days	% total
A1	Site Preparation	April 1, 2027	June 16, 2027	76 days	65 days	2027	65 days	100.00%
A1	Building Construction	June 16, 2027	July 16, 2029	762 days	653 days	2027	171 days	26.19%
A1	Building Construction					2028	313 days	47.95%
A1	Building Construction					2029	169	25.86%
A1	Paving	July 16, 2029	September 11, 2029	57 days	49 days	2029	49 days	100.00%
A1	Arc. Coating	September 11, 2029	November 8, 2029	57 days	49 days	2029	49 days	100.00%
B1	Site Preparation	October 1, 2026	December 13, 2026	74 days	63 days	2026	63 days	100.00%
B1	Building Construction	December 13, 2026	December 18, 2028	736 days	631 days	2026	66 days	10.46%
B1	Building Construction					2027	313 days	49.62%
B1	Building Construction					2028	252 days	39.92%
B1	Paving	December 18, 2028	February 11, 2029	55 days	47 days	2028	12 days	25.36%
B1	Paving					2029	35 days	74.64%
B1	Arc. Coating	February 11, 2029	April 8, 2029	55 days	47 days	2029	47 days	100.00%
C1	Site Preparation	September 1, 2029	November 16, 2029	76 days	65 days	2029	65 days	100.00%
C1	Building Construction	November 16, 2029	December 16, 2031	760 days	651 days	2029	39 days	5.99%
C1	Building Construction					2030	313 days	48.05%
C1	Building Construction					2031	299 days	45.96%
C1	Paving	December 16, 2031	February 11, 2032	57 days	49 days	2031	29 days	59.36%
C1	Paving					2032	20 days	40.64%
C1	Arc. Coating	February 11, 2032	April 8, 2032	57 days	49 days	2032	49 days	100.00%
C2	Site Preparation	April 1, 2029	June 16, 2029	76 days	65 days	2029	65 days	100.00%
C2	Building Construction	June 16, 2029	July 16, 2031	761 days	652 days	2029	170 days	26.07%
C2	Building Construction					2030	313 days	48.00%
C2	Building Construction					2031	169 days	25.93%
C2	Paving	July 16, 2031	September 11, 2031	57 days	49 days	2031	49 days	100.00%
C2	Arc. Coating	September 11, 2031	November 8, 2031	57 days	49 days	2031	49 days	100.00%

Downtown West San Jose Mixed Use Project
Project Schedule by Year

		Equipment Usage Dates		Duration				
Block #	Phase	Start	End	Total Days per Machine	Working days (Mon-Sat)	year	days	% total
C3	Site Preparation	January 1, 2030	March 3, 2030	61 days	53 days	2030	53 days	100.00%
C3	Building Construction	March 3, 2030	November 6, 2031	614 days	526 days	2030	237 days	45.06%
C3	Building Construction					2031	289 days	54.94%
C3	Paving	November 6, 2031	December 22, 2031	46 days	39 days	2031	39 days	100.00%
C3	Arc. Coating	December 22, 2031	February 7, 2032	46 days	39 days	2031	9 days	22.82%
C3	Arc. Coating					2032	30 days	77.18%
D1	Site Preparation	January 1, 2029	March 3, 2029	61 days	53 days	2029	53 days	100.00%
D1	Building Construction	March 3, 2029	November 7, 2030	614 days	527 days	2029	260 days	49.37%
D1	Building Construction					2030	267 days	50.63%
D1	Paving	November 7, 2030	December 23, 2030	46 days	39 days	2030	39 days	100.00%
D1	Arc. Coating	December 23, 2030	February 8, 2031	46 days	39 days	2030	8 days	20.25%
D1	Arc. Coating					2031	31 days	79.75%
D4	Site Preparation	April 1, 2029	June 6, 2029	66 days	57 days	2029	57 days	100.00%
D4	Building Construction	June 6, 2029	March 31, 2031	663 days	568 days	2029	183 days	32.19%
D4	Building Construction					2030	313 days	55.06%
D4	Building Construction					2031	72 days	12.75%
D4	Paving	March 31, 2031	May 20, 2031	50 days	43 days	2031	43 days	100.00%
D4	Arc. Coating	May 20, 2031	July 9, 2031	50 days	43 days	2031	43 days	100.00%
D5-D6	Site Preparation	October 1, 2023	December 6, 2023	66 days	57 days	2023	57 days	100.00%
D5-D6	Building Construction	December 6, 2023	September 30, 2025	664 days	569 days	2023	22 days	3.87%
D5-D6	Building Construction					2024	313 days	54.99%
D5-D6	Building Construction					2025	234 days	41.14%
D5-D6	Paving	September 30, 2025	November 19, 2025	50 days	43 days	2025	43 days	100.00%
D5-D6	Arc. Coating	November 19, 2025	January 8, 2026	50 days	43 days	2025	37 days	86.68%
D5-D6	Arc. Coating					2026	6 days	13.32%
D7	Site Preparation	July 1, 2025	September 7, 2025	69 days	59 days	2025	59 days	100.00%
D7	Building Construction	September 7, 2025	July 27, 2027	688 days	590 days	2025	99 days	16.79%
D7	Building Construction					2026	313 days	53.08%
D7	Building Construction					2027	178 days	30.14%
D7	Paving	July 27, 2027	September 17, 2027	52 days	44 days	2027	44 days	100.00%
D7	Arc. Coating	September 17, 2027	November 8, 2027	52 days	44 days	2027	44 days	100.00%
D8-D13	Site Preparation	June 1, 2023	October 8, 2023	130 days	111 days	2023	111 days	100.00%
D8-D13	Building Construction	October 8, 2023	April 27, 2027	1,297 days	1,112 days	2023	72 days	6.48%
D8-D13	Building Construction					2024	313 days	28.16%
D8-D13	Building Construction					2025	313 days	28.16%
D8-D13	Building Construction					2026	313 days	28.16%
D8-D13	Building Construction					2027	101 days	9.05%
D8-D13	Paving	April 27, 2027	August 2, 2027	97 days	83 days	2027	83 days	100.00%

Downtown West San Jose Mixed Use Project
Project Schedule by Year

Block #	Phase	Equipment Usage Dates		Duration				
		Start	End	Total Days per Machine	Working days (Mon-Sat)	year	days	% total
D8-D13	Arc. Coating	August 2, 2027	November 8, 2027	97 days	83 days	2027	83 days	100.00%
E1.1	Site Preparation	January 1, 2024	February 24, 2024	54 days	46 days	2024	46 days	100.00%
E1.1	Building Construction	February 24, 2024	August 18, 2025	542 days	464 days	2024	267 days	57.51%
E1.1	Building Construction					2025	197 days	42.49%
E1.1	Paving	August 18, 2025	September 28, 2025	41 days	35 days	2025	35 days	100.00%
E1.1	Arc. Coating	September 28, 2025	November 8, 2025	41 days	35 days	2025	35 days	100.00%
E1.2	Site Preparation	October 1, 2023	December 8, 2023	69 days	59 days	2023	59 days	100.00%
E1.2	Building Construction	December 8, 2023	October 27, 2025	689 days	590 days	2023	20 days	3.39%
E1.2	Building Construction					2024	313 days	53.01%
E1.2	Building Construction					2025	257 days	43.60%
E1.2	Paving	October 27, 2025	December 18, 2025	52 days	44 days	2025	44 days	100.00%
E1.2	Arc. Coating	December 18, 2025	February 8, 2026	52 days	44 days	2025	12 days	27.10%
E1.2	Arc. Coating					2026	32 days	72.90%
F1-F2	Site Preparation	June 1, 2024	August 11, 2024	71 days	61 days	2024	61 days	100.00%
F1-F2	Building Construction	August 11, 2024	July 24, 2026	712 days	610 days	2024	122 days	19.99%
F1-F2	Building Construction					2025	313 days	51.29%
F1-F2	Building Construction					2026	175 days	28.72%
F1-F2	Paving	July 24, 2026	September 15, 2026	53 days	46 days	2026	46 days	100.00%
F1-F2	Arc. Coating	September 15, 2026	November 8, 2026	53 days	46 days	2026	46 days	100.00%
F3	Site Preparation	March 1, 2025	May 1, 2025	61 days	53 days	2025	53 days	100.00%
F3	Building Construction	May 1, 2025	January 5, 2027	614 days	527 days	2025	210 days	39.88%
F3	Building Construction					2026	313 days	59.43%
F3	Building Construction					2027	4 days	0.69%
F3	Paving	January 5, 2027	February 20, 2027	46 days	39 days	2027	39 days	100.00%
F3	Arc. Coating	February 20, 2027	April 8, 2027	46 days	39 days	2027	39 days	100.00%
F4	Site Preparation	June 1, 2024	August 11, 2024	71 days	61 days	2024	61 days	100.00%
F4	Building Construction	August 11, 2024	July 24, 2026	712 days	610 days	2024	122 days	19.99%
F4	Building Construction					2025	313 days	51.29%
F4	Building Construction					2026	175 days	28.72%
F4	Paving	July 24, 2026	September 15, 2026	53 days	46 days	2026	46 days	100.00%
F4	Arc. Coating	September 15, 2026	November 8, 2026	53 days	46 days	2026	46 days	100.00%
F5	Site Preparation	October 1, 2022	December 23, 2022	83 days	71 days	2022	71 days	100.00%
F5	Building Construction	December 23, 2022	April 4, 2025	834 days	715 days	2022	8 days	1.12%
F5	Building Construction					2023	313 days	43.81%
F5	Building Construction					2024	313 days	43.81%
F5	Building Construction					2025	81 days	11.27%
F5	Paving	April 4, 2025	June 6, 2025	63 days	54 days	2025	54 days	100.00%
F5	Arc. Coating	June 6, 2025	August 8, 2025	63 days	54 days	2025	54 days	100.00%

Downtown West San Jose Mixed Use Project
Project Schedule by Year

		Equipment Usage Dates		Duration				
Block #	Phase	Start	End	Total Days per Machine	Working days (Mon-Sat)	year	days	% total
F6	Site Preparation	October 1, 2022	December 23, 2022	83 days	71 days	2022	71 days	100.00%
F6	Building Construction	December 23, 2022	April 4, 2025	834 days	715 days	2022	8 days	1.12%
F6	Building Construction					2023	313 days	43.81%
F6	Building Construction					2024	313 days	43.81%
F6	Building Construction					2025	81 days	11.27%
F6	Paving	April 4, 2025	June 6, 2025	63 days	54 days	2025	54 days	100.00%
F6	Arc. Coating	June 6, 2025	August 8, 2025	63 days	54 days	2025	54 days	100.00%
G1	Site Preparation	January 1, 2025	March 10, 2025	69 days	59 days	2025	59 days	100.00%
G1	Building Construction	March 10, 2025	January 26, 2027	686 days	588 days	2025	225 days	38.24%
G1	Building Construction					2026	313 days	53.20%
G1	Building Construction					2027	50 days	8.56%
G1	Paving	January 26, 2027	March 18, 2027	51 days	44 days	2027	44 days	100.00%
G1	Arc. Coating	March 18, 2027	May 9, 2027	51 days	44 days	2027	44 days	100.00%
H1	Site Preparation	July 1, 2024	September 7, 2024	69 days	59 days	2024	59 days	100.00%
H1	Building Construction	September 7, 2024	July 27, 2026	688 days	590 days	2024	99 days	16.79%
H1	Building Construction					2025	313 days	53.08%
H1	Building Construction					2026	178 days	30.14%
H1	Paving	July 27, 2026	September 17, 2026	52 days	44 days	2026	44 days	100.00%
H1	Arc. Coating	September 17, 2026	November 8, 2026	52 days	44 days	2026	44 days	100.00%
H2	Site Preparation	January 1, 2029	February 28, 2029	59 days	51 days	2029	51 days	100.00%
H2	Building Construction	February 28, 2029	October 11, 2030	590 days	505 days	2029	263 days	52.04%
H2	Building Construction					2030	242 days	47.96%
H2	Paving	October 11, 2030	November 24, 2030	44 days	38 days	2030	38 days	100.00%
H2	Arc. Coating	November 24, 2030	January 8, 2031	44 days	38 days	2030	32 days	84.43%
H2	Arc. Coating					2031	6 days	15.57%
H3	Site Preparation	July 1, 2025	September 12, 2025	74 days	63 days	2025	63 days	100.00%
H3	Building Construction	September 12, 2025	September 19, 2027	737 days	632 days	2025	105 days	16.63%
H3	Building Construction					2026	313 days	49.56%
H3	Building Construction					2027	214 days	33.81%
H3	Paving	September 19, 2027	November 13, 2027	55 days	47 days	2027	47 days	100.00%
H3	Arc. Coating	November 13, 2027	January 8, 2028	55 days	47 days	2027	42 days	88.67%
H3	Arc. Coating					2028	5 days	11.33%
H4	Site Preparation	February 1, 2027	April 1, 2027	59 days	51 days	2027	51 days	100.00%
H4	Building Construction	April 1, 2027	November 11, 2028	590 days	506 days	2027	263 days	51.97%
H4	Building Construction					2028	243 days	48.03%
H4	Paving	November 11, 2028	December 25, 2028	44 days	38 days	2028	38 days	100.00%
H4	Arc. Coating	December 25, 2028	February 8, 2029	44 days	38 days	2028	6 days	15.81%

Downtown West San Jose Mixed Use Project
Project Schedule by Year

		Equipment Usage Dates		Duration				
Block #	Phase	Start	End	Total Days per Machine	Working days (Mon-Sat)	year	days	% total
H4	Arc. Coating					2029	32 days	84.19%
150 SM	Site Preparation	October 1, 2024	December 1, 2024	61 days	53 days	2024	53 days	100.00%
150 SM	Building Construction	December 1, 2024	August 7, 2026	614 days	527 days	2024	26 days	4.94%
150 SM	Building Construction					2025	313 days	59.43%
150 SM	Building Construction					2026	188 days	35.63%
150 SM	Paving	August 7, 2026	September 22, 2026	46 days	39 days	2026	39 days	100.00%
150 SM	Arc. Coating	September 22, 2026	November 8, 2026	46 days	39 days	2026	39 days	100.00%
40 SM	Site Preparation	January 1, 2024	February 24, 2024	54 days	46 days	2024	46 days	100.00%
40 SM	Building Construction	February 24, 2024	August 18, 2025	542 days	464 days	2024	267 days	57.51%
40 SM	Building Construction					2025	197 days	42.49%
40 SM	Paving	August 18, 2025	September 28, 2025	41 days	35 days	2025	35 days	100.00%
40 SM	Arc. Coating	September 28, 2025	November 8, 2025	41 days	35 days	2025	35 days	100.00%
LTA B1-1	Paving	July 1, 2025	July 6, 2025	5 days	4 days	2025	4 days	100.00%
LTA B1-2	Paving	July 8, 2025	July 13, 2025	5 days	4 days	2025	4 days	100.00%
LTA B1-3	Paving	July 15, 2025	August 12, 2025	28 days	24 days	2025	24 days	100.00%
LTA B1-4	Paving	August 13, 2025	August 23, 2025	10 days	9 days	2025	9 days	100.00%
LTA B1-4	Paving	August 24, 2025	September 3, 2025	10 days	9 days	2025	9 days	100.00%

Downtown West San Jose Mixed Use Proiect
Construction Onroad Worker and Vendor Trips

Block #	Phase	Year	NR sqft	R sqft	Units	Equipment	Vehicle Trips	
							Worker Trips	Vendor Trips
A1	Site Preparation	2027	1,233,500	0	0	36	90	0
A1	Building Construction	2027				32	518	202
A1	Building Construction	2028				32	518	202
A1	Building Construction	2029				32	518	202
A1	Paving	2029				15	38	0
A1	Arc. Coating	2029				5	104	0
B1	Site Preparation	2026	795,000	0	0	35	88	0
B1	Building Construction	2026				29	334	130
B1	Building Construction	2027				29	334	130
B1	Building Construction	2028				29	334	130
B1	Paving	2028				12	30	0
B1	Paving	2029				12	30	0
B1	Arc. Coating	2029				2	67	0
C1	Site Preparation	2029	5,200	975,800	1,190	46	115	0
C1	Building Construction	2029				37	859	128
C1	Building Construction	2030				37	859	128
C1	Building Construction	2031				37	859	128
C1	Paving	2031				10	25	0
C1	Paving	2032				10	25	0
C1	Arc. Coating	2032				5	172	0
C2	Site Preparation	2029	680,000	0	0	40	100	0
C2	Building Construction	2029				30	286	111
C2	Building Construction	2030				30	286	111
C2	Building Construction	2031				30	286	111
C2	Paving	2031				12	30	0
C2	Arc. Coating	2031				2	57	0

Downtown West San Jose Mixed Use Proiect
Construction Onroad Worker and Vendor Trips

Block #	Phase	Year	NR sqft	R sqft	Units	Equipment	Vehicle Trips	
							Worker Trips	Vendor Trips
C3	Site Preparation	2030	66,000	139,400	170	14	35	0
C3	Building Construction	2030				9	150	29
C3	Building Construction	2031				9	150	29
C3	Paving	2031				5	13	0
C3	Arc. Coating	2031				1	30	0
C3	Arc. Coating	2032				1	30	0
D1	Site Preparation	2029	14,000	410,000	500	13	33	0
D1	Building Construction	2029				9	366	56
D1	Building Construction	2030				9	366	56
D1	Paving	2030				6	15	0
D1	Arc. Coating	2030				1	73	0
D1	Arc. Coating	2031				1	73	0
D4	Site Preparation	2029	749,000	0	0	27	68	0
D4	Building Construction	2029				17	315	123
D4	Building Construction	2030				17	315	123
D4	Building Construction	2031				17	315	123
D4	Paving	2031				8	20	0
D4	Arc. Coating	2031				1	63	0
D5-D6	Site Preparation	2023	56,500	0	0	12	30	0
D5-D6	Building Construction	2023				9	24	9
D5-D6	Building Construction	2024				9	24	9
D5-D6	Building Construction	2025				9	24	9
D5-D6	Paving	2025				6	15	0
D5-D6	Arc. Coating	2025				1	5	0
D5-D6	Arc. Coating	2026				1	5	0
D7	Site Preparation	2025	584,000	0	0	19	48	0
D7	Building Construction	2025				17	245	96
D7	Building Construction	2026				17	245	96
D7	Building Construction	2027				17	245	96
D7	Paving	2027				6	15	0
D7	Arc. Coating	2027				1	49	0
D8-D13	Site Preparation	2023	56,400	0	0	17	43	0
D8-D13	Building Construction	2023				18	24	9
D8-D13	Building Construction	2024				18	24	9
D8-D13	Building Construction	2025				18	24	9
D8-D13	Building Construction	2026				18	24	9
D8-D13	Building Construction	2027				18	24	9
D8-D13	Paving	2027				6	15	0

Downtown West San Jose Mixed Use Proiect
Construction Onroad Worker and Vendor Trips

Block #	Phase	Year	NR sqft	R sqft	Units	Vehicle Trips		
						Equipment	Worker Trips	Vendor Trips
D8-D13	Arc. Coating	2027				1	5	0
E1.1	Site Preparation	2024	43,000	697,000	850	27	68	0
E1.1	Building Construction	2024				25	630	98
E1.1	Building Construction	2025				25	630	98
E1.1	Paving	2025				8	20	0
E1.1	Arc. Coating	2025				1	126	0
E1.2	Site Preparation	2023	1,120,000	0	0	30	75	0
E1.2	Building Construction	2023				33	470	184
E1.2	Building Construction	2024				33	470	184
E1.2	Building Construction	2025				33	470	184
E1.2	Paving	2025				15	38	0
E1.2	Arc. Coating	2025				5	94	0
E1.2	Arc. Coating	2026				5	94	0
F1-F2	Site Preparation	2024	1,881,000	0	0	44	110	0
F1-F2	Building Construction	2024				38	790	308
F1-F2	Building Construction	2025				38	790	308
F1-F2	Building Construction	2026				38	790	308
F1-F2	Paving	2026				20	50	0
F1-F2	Arc. Coating	2026				5	158	0
F3	Site Preparation	2025	902,000	0	0	12	30	0
F3	Building Construction	2025				9	379	148
F3	Building Construction	2026				9	379	148
F3	Building Construction	2027				9	379	148
F3	Paving	2027				6	15	0
F3	Arc. Coating	2027				1	76	0
F4	Site Preparation	2024	132,000	291,100	355	15	38	0
F4	Building Construction	2024				13	311	60
F4	Building Construction	2025				13	311	60
F4	Building Construction	2026				13	311	60
F4	Paving	2026				6	15	0
F4	Arc. Coating	2026				1	62	0
F5	Site Preparation	2022	87,000	0	0	12	30	0
F5	Building Construction	2022				8	37	14
F5	Building Construction	2023				8	37	14
F5	Building Construction	2024				8	37	14
F5	Building Construction	2025				8	37	14
F5	Paving	2025				6	15	0
F5	Arc. Coating	2025				1	7	0

Downtown West San Jose Mixed Use Proiect
Construction Onroad Worker and Vendor Trips

Block #	Phase	Year	NR sqft	R sqft	Units	Equipment	Vehicle Trips	
							Worker Trips	Vendor Trips
F6	Site Preparation	2022	13,000	287,000	350	12	30	0
F6	Building Construction	2022				8	257	40
F6	Building Construction	2023				8	257	40
F6	Building Construction	2024				8	257	40
F6	Building Construction	2025				8	257	40
F6	Paving	2025				6	15	0
F6	Arc. Coating	2025				1	51	0
G1	Site Preparation	2025	905,500	0	0	15	38	0
G1	Building Construction	2025				15	380	148
G1	Building Construction	2026				15	380	148
G1	Building Construction	2027				15	380	148
G1	Paving	2027				6	15	0
G1	Arc. Coating	2027				1	76	0
H1	Site Preparation	2024	6,500	352,600	430	15	38	0
H1	Building Construction	2024				12	312	47
H1	Building Construction	2025				12	312	47
H1	Building Construction	2026				12	312	47
H1	Paving	2026				6	15	0
H1	Arc. Coating	2026				1	62	0
H2	Site Preparation	2029	9,000	270,600	330	12	30	0
H2	Building Construction	2029				8	241	37
H2	Building Construction	2030				8	241	37
H2	Paving	2030				8	241	37
H2	Arc. Coating	2030				6	15	0
H2	Arc. Coating	2031				1	48	0
H3	Site Preparation	2025	96,500	938,900	1,145	32	80	0
H3	Building Construction	2025				28	865	138
H3	Building Construction	2026				28	865	138
H3	Building Construction	2027				28	865	138
H3	Paving	2027				10	25	0
H3	Arc. Coating	2027				4	173	0
H3	Arc. Coating	2028				4	173	0
H4	Site Preparation	2027	16,500	475,600	580	15	38	0
H4	Building Construction	2027				13	425	65
H4	Building Construction	2028				13	425	65
H4	Paving	2028				6	15	0
H4	Arc. Coating	2028				1	85	0

Downtown West San Jose Mixed Use Proiect
Construction Onroad Worker and Vendor Trips

Block #	Phase	Year	NR sqft	R sqft	Units	Vehicle Trips		
						Equipment	Worker Trips	Vendor Trips
H4	Arc. Coating	2029				1	85	0
150 SM	Site Preparation	2024	17,200	0	0	11	28	0
150 SM	Building Construction	2024				11	7	3
150 SM	Building Construction	2025				11	7	3
150 SM	Building Construction	2026				11	7	3
150 SM	Paving	2026				6	15	0
150 SM	Arc. Coating	2026				1	1	0
40 SM	Site Preparation	2024	11,700	0	0	11	28	0
40 SM	Building Construction	2024				11	5	2
40 SM	Building Construction	2025				11	5	2
40 SM	Paving	2025				6	15	0
40 SM	Arc. Coating	2025				1	1	0
LTA B1-1	Paving	2025	0	0	0	4	10	0
LTA B1-2	Paving	2025	0	0	0	4	10	0
LTA B1-3	Paving	2025	0	0	0	4	10	0
LTA B1-4	Paving	2025	0	0	0	4	10	0
LTA B1-4	Paving	2025	0	0	0	4	10	0

Trip Determination

Worker	Vendor	
2.5	0	oneway trips per equipment in each phase (all other) - 1.25 round trips per piece of equipment.
0.72	0.1069	oneway trips per DU - Residential Trip Rates - BC
0.42	0.1639	oneway trips per sqft - NR Trip rates - BC
20% of BC	0	oneway trips per DU - Residential Trip Rates - AC
20% of BC	0	oneway trips per sqft - NR Trip rates - AC

Emissions from Equipment <25 hp

Updated: 13-May

Plate Compactors - Gasoline

To calculate emissions associated with gasoline plate compactors

CARB SORE Regulation: https://ww2.arb.ca.gov/sore-current-regulations-and-regulatory-history
EPA Spark Ignition EFs: https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=P10081YF.TXT

Equipment Name: Plate Compactors
Horsepower: 8
Displacement: <225 cc

EPA EFs - Phase 3, 4-Stroke g/bhp-hr

	<225 cc	>225 cc
HC	4.18	3.17
NOX	1.04	1.01
PM	0.18	0.06
BFSC	0.921	0.735

Conversions

hp per kW	1.34102	
TOG/THC (4-Stroke Gasoline)	1.043	EPA 2010, assumes ROG = VOC: https://nepis.epa.gov/Exe/ZyPDF.cgi/P10081RP.PDF?Dockey=P10081RP.PDF
VOC/THC (4-Stroke Gasoline)	0.933	EPA 2010, assumes ROG = VOC: https://nepis.epa.gov/Exe/ZyPDF.cgi/P10081RP.PDF?Dockey=P10081RP.PDF
ROG/THC	0.933	Assumes ROG = VOC
PM10 per PM	0.994	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - GASOLINE
PM2.5 per PM	0.992	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - GASOLINE
grams per pound	453.592	
pounds per ton	2000	
grams per metric ton	1,000,000	
gasoline density (lbs/gal)	6.170	USEPA AP-42, APPENDIX A MISCELLANEOUS DATA AND CONVERSION FACTORS
GWP - CH4	25	
GWP - N2O	298	

Emission Factors Used	EPA	Climate Registry		
ROG	3.900		g/bhp-hr	
NOX	1.040		g/bhp-hr	
PM10	0.1789		g/bhp-hr	
PM2.5	0.1786		g/bhp-hr	
BSFC	0.9210		lb/hp-hr	
CO2		8887	g/gal	https://www.epa.gov/energy/greenhouse-gases-equivalencies-calculator-calculations-and-references
		1326.568395	g/hp-hr	
CH4		5.683	g/gal	4-stroke
		0.848305186	g/hp-hr	
N2O		0.195	g/gal	4-stroke
		0.02910778	gr/hp-hr	
CO2	4.031072104		MT/kg	
CH4	0.000005683		MT/gal	
N2O	0.000000195		MT/gal	
gallons	0.149270665		gallons/hp-hr	

Pressure Washers + Cement and Mortar Mixers - Diesel

To calculate emissions associated with diesel Pressure Washers + Cement and Mortar Mixers, the only 2 pieces of equipment <25 hp that are diesel
This is needed because there are no Tier 4 Final EFs in CalEEMod for <25 hp equipment. So this calculation uses the default EFs from CalEEMod to calculate emissions.

Horsepower	HP	HP bin	Unmit fuel	Mit Fuel
Pressure Washers	13	6-15	Diesel	Electric
Cement and Mortar Mixers	9	6-15	Diesel	Electric

Percent Electric hp-hrs 90%

CalEEMod Emission Factors

Table 3.4 OFFROAD Equipment Emission Factors (g/bhp-hr)

Equipment Type	Year	Low HP	High HP	ROG	NOX	PM10	PM2.5	CO2	CH4
Cement and Mortar Mixers	2021	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2022	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2023	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2024	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2025	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2030	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	Max			0.661	4.142	0.161	0.161	568.299	0.059
Pressure Washers	2021	6	15	0.634	4.441	0.201	0.201	568.299	0.057
Pressure Washers	2022	6	15	0.626	4.39	0.193	0.193	568.299	0.056
Pressure Washers	2023	6	15	0.618	4.345	0.186	0.186	568.299	0.055
Pressure Washers	2024	6	15	0.612	4.305	0.181	0.181	568.299	0.055
Pressure Washers	2025	6	15	0.607	4.269	0.178	0.178	568.299	0.054
Pressure Washers	2030	6	15	0.592	4.164	0.166	0.166	568.3	0.053
Cement and Mortar Mixers	Max			0.634	4.441	0.201	0.201	568.3	0.057

brake-specific fuel consumption = BSFC

Table 4. Emissions and BSFCs for Class I Nonhandheld Small SI Engines (< 225cc)*

Engine Tech Type	HC g/hp-hr	CO g/hp-hr	NO_x g/hp-hr	PM g/hp-hr	BSFC lb/hp-hr
G2N1 (gas 2-stroke nonhandheld Class I, baseline)	207.92	485.81	0.29	7.7	0.870
G4N1S (side-valve, 4-stroke, baseline)	38.99	430.84	2.00	0.06	1.365
G4N1O (overhead-valve, 4-stroke, baseline)	13.39	408.84	1.80	0.06	0.991
G4N1S1 (Phase 1 side-valve, 4-stroke)	8.40	353.69	3.60	0.06	0.921
G4N1O1 (Phase 1 overhead-valve, 4-stroke)	8.40	351.16	3.24	0.06	0.781
G4N1S2 (Phase 2 side-valve, 4-stroke)	7.68	288.24	1.92	0.26	0.921
G4N1O2 (Phase 2 overhead valve, 4-stroke)	6.51	293.01	2.45	0.04	0.781
G4N1S3 (Phase 3 side-valve, 4-stroke)	4.18	238.45	1.04	0.18	0.921
G4N1O3 (Phase 3 overhead valve, 4-stroke)	3.80	242.40	1.42	0.04	0.781

* Assigned NONROAD hp range: 3-6 hp

Table 5. Emissions and BSFCs for Class II Nonhandheld Small SI Engines (≥ 225cc)*

Engine Tech Type	HC g/hp-hr	CO g/hp-hr	NO_x g/hp-hr	PM g/hp-hr	BSFC lb/hp-hr
G2N2 (gas 2-stroke nonhandheld Class II, baseline)	207.92	485.81	0.29	7.7	0.870
G4N2S (side-valve, 4-stroke, baseline)	9.66	430.84	2.06	0.06	0.937
G4N2O (overhead-valve, 4-stroke, baseline)	5.20	408.84	3.50	0.06	0.937
G4N2S1 (Phase 1 side-valve, 4-stroke)	5.50	387.02	4.50	0.06	0.868
G4N2O1 (Phase 1 overhead valve, 4-stroke)	5.20	352.57	3.50	0.06	0.740
G4N2O2 (Phase 2 overhead valve, 4-stroke)	4.16	352.57	2.77	0.06	0.740
G4N23a (Phase 3 overhead-valve, 4-stroke)	3.17	321.94	1.01	0.06	0.735

* Assigned NONROAD hp range: 6-25 hp

Emissions from Equipment <25 hp

Updated: 13-May

Plate Compactors - Gasoline

To calculate emissions associated with gasoline plate compactors

CARB SORE Regulation: https://ww2.arb.ca.gov/sore-current-regulations-and-regulatory-history
EPA Spark Ignition EFs: https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=P10081YF.TXT

Equipment Name: Pump
Horsepower: 84

EPA EFs - Phase 2, 4-Stroke

HC	0.27	g/bhp-hr
NOX	0.69	g/bhp-hr
PM	0.06	g/bhp-hr
BFSC	0.484	lbs/bhp-hr

Conversions

hp per kW	1.34102	
TOG/THC (4-Stroke Gasoline)	1.043	EPA 2010, assumes ROG = VOC: https://nepis.epa.gov/Exe/ZyPDF.cgi/P10081RP.PDF?Dockey=P10081RP.PDF
VOC/THC (4-Stroke Gasoline)	0.933	EPA 2010, assumes ROG = VOC: https://nepis.epa.gov/Exe/ZyPDF.cgi/P10081RP.PDF?Dockey=P10081RP.PDF
ROG/THC	0.933	Assumes ROG = VOC
PM10 per PM	0.994	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - GASOLINE
PM2.5 per PM	0.992	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - GASOLINE
grams per pound	453.592	
pounds per ton	2000	
grams per metric ton	1,000,000	
gasoline density (lbs/gal)	6.170	USEPA AP-42, APPENDIX A MISCELLANEOUS DATA AND CONVERSION FACTORS
GWP - CH4	25	
GWP - N2O	298	

Emission Factors Used	EPA	Climate Registry		
ROG	0.252		g/bhp-hr	
NOX	0.690		g/bhp-hr	
PM10	0.0596		g/bhp-hr	
PM2.5	0.0595		g/bhp-hr	
BSFC	0.4840		lb/hp-hr	
CO2		8887	gr/gal	
		697.132577	gr/hp-hr	
CH4		5.683	g/gal	4-stroke
		0.445797731	g/hp-hr	
N2O		0.195	g/gal	4-stroke
		0.015296596	g/hp-hr	
gallons	0.078444084		gallons/hp-hr	

brake-specific fuel consumption = BSFC

Table 6. Steady-State Emission Factors and BSFCs for Spark-Ignition Engines > 25 HP*

Engine Tech Type	HC g/hp-hr	CO g/hp-hr	NO_x g/hp-hr	PM g/hp-hr	BSFC lb/hp-hr
Uncontrolled					
G2GT25 (gas, 2-stroke, baseline)	208	486	0.29	7.7	1.300
G4GT25 (gas, 4-stroke, baseline)	3.85	107.23	8.43	0.06	0.605
LGT25 (LPG, baseline)	1.68	28.23	11.99	0.05	0.507
NGT25 (CNG, baseline)	24.64	28.23	11.99	0.05	0.507
Phase 1					
G4GT251 (gas, 4-stroke, used for 2-stroke SCCs)	0.85	24.49	1.51	7.7	0.484
G4GT251 (gas, 4-stroke, used for 4-stroke SCCs)	0.59	29.86	1.51	0.06	0.484
LGT251 (LPG)	0.25	24.49	2.10	0.05	0.406
NGT251 (CNG)	3.69	24.49	2.10	0.05	0.406
Phase 2					
G4GT252 (gas, 4-stroke, used for 2-stroke SCCs)	0.28	13.24	0.69	7.7	0.484
G4GT252 (gas, 4-stroke, used for 4-stroke SCCs)	0.27	11.94	0.69	0.06	0.484
LGT252 (LPG)	0.10	3.92	0.85	0.05	0.406
NGT252 (CNG)	1.57	3.92	0.89	0.05	0.406

* There are very few uncontrolled 2-stroke engines >25 hp; these can be found in 2-stroke specialty vehicle cart and pump equipment. For these 2-stroke source classification codes (SCCs), 4-stroke engines are assumed to meet the Phase 1 and Phase 2 standards, with different Phase 1 and Phase 2 emission factors in some cases than the 4-stroke SCCs.

Equipment Type	Year	Low HP	High HP	**HP Class**	CO2	CH4
Cranes	1990	26	50	**26-50**	568.299	0.467
Cranes	1990	51	120	**51-120**	568.299	0.226
Cranes	1990	121	175	**121-175**	568.299	0.183
Cranes	1990	176	250	**176-250**	568.299	0.183
Cranes	1990	251	500	**251-500**	568.299	0.16
Cranes	1990	501	750	**501-750**	568.299	0.16
Cranes	1990	1001	9999	**1001-9999**	568.299	0.16
Cranes	2000	26	50	**26-50**	568.3	0.418
Cranes	2000	51	120	**51-120**	568.299	0.173
Cranes	2000	121	175	**121-175**	568.299	0.117
Cranes	2000	176	250	**176-250**	568.299	0.101
Cranes	2000	251	500	**251-500**	568.299	0.092
Cranes	2000	501	750	**501-750**	568.299	0.092
Cranes	2000	1001	9999	**1001-9999**	568.299	0.096
Cranes	2005	26	50	**26-50**	568.3	0.378
Cranes	2005	51	120	**51-120**	568.299	0.152
Cranes	2005	121	175	**121-175**	568.299	0.099
Cranes	2005	176	250	**176-250**	568.299	0.076
Cranes	2005	251	500	**251-500**	568.299	0.067
Cranes	2005	501	750	**501-750**	568.299	0.068
Cranes	2005	1001	9999	**1001-9999**	568.299	0.075
Cranes	2010	26	50	**26-50**	575.653	0.168
Cranes	2010	51	120	**51-120**	522.2692	0.152
Cranes	2010	121	175	**121-175**	527.7153	0.154
Cranes	2010	176	250	**176-250**	525.6477	0.153
Cranes	2010	251	500	**251-500**	524.2494	0.153
Cranes	2010	501	750	**501-750**	523.8164	0.152
Cranes	2010	1001	9999	**1001-9999**	524.505	0.153
Cranes	2011	26	50	**26-50**	574.2181	0.168
Cranes	2011	51	120	**51-120**	521.0055	0.152
Cranes	2011	121	175	**121-175**	526.3466	0.154
Cranes	2011	176	250	**176-250**	524.3412	0.153
Cranes	2011	251	500	**251-500**	523.002	0.153
Cranes	2011	501	750	**501-750**	522.4977	0.152
Cranes	2011	1001	9999	**1001-9999**	523.1938	0.153
Cranes	2012	26	50	**26-50**	572.7834	0.168
Cranes	2012	51	120	**51-120**	519.357	0.152
Cranes	2012	121	175	**121-175**	525.0081	0.154
Cranes	2012	176	250	**176-250**	522.9802	0.153
Cranes	2012	251	500	**251-500**	521.6408	0.153
Cranes	2012	501	750	**501-750**	521.1061	0.152
Cranes	2012	1001	9999	**1001-9999**	521.8825	0.153
Cranes	2013	26	50	**26-50**	569.9097	0.168
Cranes	2013	51	120	**51-120**	516.6909	0.152
Cranes	2013	121	175	**121-175**	522.3332	0.154
Cranes	2013	176	250	**176-250**	520.3446	0.153
Cranes	2013	251	500	**251-500**	519.0961	0.153
Cranes	2013	501	750	**501-750**	518.355	0.152
Cranes	2013	1001	9999	**1001-9999**	519.26	0.153
Cranes	2014	26	50	**26-50**	567.0058	0.168
Cement and Mortar	2040	16	25	**<25**	568.299	0.061

Composit	HP	HP Range	CO2	CH4	CO2	CH4
Aerial Lifts	63	50-74	515.3353727	0.13290909	515.3353727	0.132909091
Air Compressors	78	75-119	568.2990909	0.07059091	568.2990909	0.070590909
Cement and Mortar Mixers	9	<25	See <25hp Equipment Tab	See <25hp Eq	See <25hp Equip	See <25hp Equipment Tab
Cement and Mortar Mixers - E	9	<25	See <25hp Equipment Tab	See <25hp Eq	See <25hp Equip	See <25hp Equipment Tab
Concrete Pumps	84	75-119	568.2991818	0.05904545	568.2991818	0.059045455
Concrete Saw	81	75-119	568.2992273	0.06272727	568.2992273	0.062727273
Concrete/Industrial Saws	81	75-119	568.2992273	0.06272727	568.2992273	0.062727273
Cranes	231	175-299	516.7826182	0.13036364	516.7826182	0.130363636
Cranes (220 HP mobile crane)	220	175-299	516.7826182	0.13036364	516.7826182	0.130363636
Excavator	158	120-174	515.4981727	0.13090909	515.4981727	0.130909091
Excavators	158	120-174	515.4981727	0.13090909	515.4981727	0.130909091
Excavator (Small 150 HP)	150	120-174	515.4981727	0.13090909	515.4981727	0.130909091
Forklifts	89	75-119	514.8883636	0.13781818	514.8883636	0.137818182
Generator Sets	84	75-119	568.299	0.05668182	568.299	0.056681818
Off-Highway Trucks	402	300-599	517.7957409	0.12813636	517.7957409	0.128136364
Pavers	130	120-174	515.7402773	0.13190909	515.7402773	0.131909091
Pile Drivers	470	300-599	515.3472636	0.12827273	515.3472636	0.128272727
Plate Compactors	8	<25	See <25hp Equipment Tab	See <25hp Eq	See <25hp Equip	See <25hp Equipment Tab
Pressure Washer	13	<25	See <25hp Equipment Tab	See <25hp Eq	See <25hp Equip	See <25hp Equipment Tab
Pumps	84	75-119	568.2991818	0.05904545	568.2991818	0.059045455
Rollers	80	75-119	516.8354727	0.138	516.8354727	0.138
Rubber Tired Dozers	247	175-299	517.4888318	0.13272727	517.4888318	0.132727273
Skid-Steer Loaders	65	50-74	515.5436227	0.135	515.5436227	0.135
Surfacing Equipment	263	175-299	513.8333227	0.125	513.8333227	0.125
Sweepers/Scrubbers	64	50-74	516.8630545	0.13690909	516.8630545	0.136909091
Tractors/Loaders/Backhoes	97	75-119	519.2024545	0.13813636	519.2024545	0.138136364
Trench Roller (25 HP)	25	25-49	557.6449364	0.15272727	557.6449364	0.152727273
Water Trucks	402	300-599	517.7957409	0.12813636	517.7957409	0.128136364
Welders	46	25-49	568.2991818	0.14254545	568.2991818	0.142545455
E - Excavators	270	175-299	513.9650955	0.12618182	513.9650955	0.126181818
E - Rubber Tired Dozers	170	120-174	516.3967273	0.13422727	516.3967273	0.134227273
E - Off-Highway Trucks	300	300-599	517.7957409	0.12813636	517.7957409	0.128136364
E - Pressure Washers	13	<25	See <25hp Equipment Tab	See <25hp Eq	See <25hp Equip	See <25hp Equipment Tab
E - Pumps	84	75-119	568.2991818	0.05904545	568.2991818	0.059045455
E - Bore/Drill Rigs	350	300-599	509.5728409	0.11977273	509.5728409	0.119772727
E - Ground anchoring	215	175-299	513.6097045	0.1285	513.6097045	0.1285
E - Mobile Concrete Pump - Tier 4	350	300-599	568.2992727	0.028	568.2992727	0.028
E - Tractors/Loaders/Backhoes	103	75-119	519.2024545	0.13813636	519.2024545	0.138136364
E - Aerial Lifts	63	50-74	515.3353727	0.13290909	515.3353727	0.132909091
E - Air Compressors	78	75-119	568.2990909	0.07059091	568.2990909	0.070590909
E - Generator Sets	84	75-119	568.299	0.05668182	568.299	0.056681818
E - Sweepers/Scrubbers	64	50-74	516.8630545	0.13690909	516.8630545	0.136909091
ER- Graders	187	175-299	518.3590773	0.02886364	518.3590773	0.028863636
ER -Rubber Tired Dozers	170	120-174	516.3967273	0.13422727	516.3967273	0.134227273
ER -Excavators	270	175-299	513.9650955	0.12618182	513.9650955	0.126181818
ER -Trenchers	78	75-119	518.0317	0.14027273	518.0317	0.140272727
ER - Off-Highway Trucks	300	300-599	517.7957409	0.12813636	517.7957409	0.128136364
ER - Skid Steer Loaders	103	75-119	515.5436227	515.543623	515.5436227	0.135
ER - Pressure Washers	13	<25	See <25hp Equipment Tab	See <25hp Eq	See <25hp Equip	See <25hp Equipment Tab
ER - Plate Compactors	8	<25	See <25hp Equipment Tab	See <25hp Eq	See <25hp Equip	See <25hp Equipment Tab

Row Labels	Average of CO2	Average of CH4
Aerial Lifts	**544.3661947**	**0.125674242**
6	555.7576409	0.149409091
16	555.7575955	0.155863636
26	555.7576864	0.164454545
51	515.3353727	0.132909091
251	515.2898727	0.123227273
501	568.299	0.028181818
Air Compressors	**568.2991212**	**0.065939394**
6	568.2991818	0.082
16	568.2991818	0.090272727
26	568.2990909	0.155363636
51	568.2990909	0.070590909
121	568.2990455	0.049136364
176	568.2990909	0.037363636
251	568.2991364	0.034681818
501	568.2990455	0.034954545
751	568.2992273	0.039090909
Bore/Drill Rigs	**530.9680545**	**0.135722222**
6	565.0934455	0.150954545
16	565.0934455	0.155454545
26	565.0934909	0.170954545
51	505.6556682	0.1295
121	520.0913409	0.126772727
176	513.0101818	0.121727273
251	509.5728409	0.119772727
501	519.8425955	0.122954545
751	515.2594818	0.123409091
Cement and Mortar Mixers	**568.2990455**	**0.077204545**
6	568.2990909	0.069681818
16	568.299	0.084727273
Concrete/Industrial Saws	**568.2991705**	**0.078420455**
16	568.299	0.073090909
26	568.2992273	0.132727273
51	568.2992273	0.062727273
121	568.2992273	0.045136364
Cranes	**520.3258253**	**0.139097403**
26	550.3505273	0.186909091
51	513.5847682	0.139318182
121	517.3157545	0.132545455
176	516.0177409	0.130136364
251	515.3472636	0.128272727
501	514.3748955	0.127590909
1001	515.2898273	0.128909091
Crawler Tractors	**521.3561844**	**0.139305195**

26	548.655	0.1875
51	518.7686	0.141272727
121	515.0428455	0.1315
176	515.9694682	0.129681818
251	517.7388909	0.128318182
501	516.0401955	0.127909091
751	517.2782909	0.128954545
Crushing/Proc. Equipment	**568.299039**	**0.060422078**
26	568.2990455	0.154909091
51	568.2990455	0.070272727
121	568.299	0.049136364
176	568.2990455	0.037727273
251	568.2990909	0.035181818
501	568.2990455	0.035227273
1001	568.299	0.0405
Dumpers/Tenders	**568.2990909**	**0.076863636**
16	568.2990909	0.076863636
Excavators	**525.9340494**	**0.141097403**
16	556.16165	0.151727273
26	556.1616045	0.187045455
51	511.6782545	0.137318182
121	515.4981727	0.130909091
176	515.49525	0.128590909
251	513.9650955	0.126181818
501	512.5783182	0.125909091
Forklifts	**523.80568**	**0.140736364**
26	556.0698136	0.185363636
51	514.8883636	0.137818182
121	515.3293364	0.129090909
176	516.2599409	0.126363636
251	516.4809455	0.125045455
Generator Sets	**568.2990909**	**0.05260101**
6	568.299	0.073
16	568.299	0.080136364
26	568.2991818	0.108909091
51	568.299	0.056681818
121	568.2990455	0.0385
176	568.2991364	0.028863636
251	568.2990909	0.026818182
501	568.2991818	0.027227273
1001	568.2991818	0.033272727
Graders	**528.1101924**	**0.123674242**
26	531.1918773	0.177409091
51	513.7700864	0.137909091
121	521.6632318	0.132045455
176	518.3590773	0.128681818
251	515.3777	0.126454545

501	568.2991818	0.039545455
Off-Highway Tractors	**515.8181545**	**0.133336364**
51	518.0379	0.142954545
121	516.1202318	0.133454545
176	514.1626864	0.130772727
501	515.4800364	0.1295
751	515.2899182	0.13
Off-Highway Trucks	**515.5073336**	**0.128672727**
121	513.7473682	0.130954545
176	513.1701591	0.1285
251	517.7957409	0.128136364
501	517.5181773	0.127863636
751	515.3052227	0.127909091
Other Construction Equipment	**537.0831364**	**0.145090909**
6	558.5450727	0.148954545
16	558.5450727	0.153454545
26	558.5450273	0.177409091
51	514.8221545	0.135681818
121	513.6097045	0.1285
251	518.4317864	0.126545455
Other General Industrial Equipment	**529.1606116**	**0.139353535**
6	556.5985273	0.145363636
16	556.5985273	0.148272727
26	556.5985273	0.185681818
51	513.7215773	0.138136364
121	515.1339091	0.129909091
176	516.1817773	0.127636364
251	515.9572773	0.126090909
501	516.3655545	0.126136364
751	515.2898273	0.126954545
Other Material Handling Equipment	**521.7805144**	**0.138560606**
26	554.7153955	0.184045455
51	516.4606727	0.138636364
121	515.4155955	0.129727273
176	514.8529455	0.126772727
251	513.9485591	0.125227273
1001	515.2899182	0.126954545
Pavers	**528.4944705**	**0.145106061**
16	557.1483864	0.155136364
26	557.1483864	0.187318182
51	513.5317273	0.139545455
121	515.7402773	0.131909091
176	516.3578364	0.130045455
251	511.0402091	0.126681818
Paving Equipment	**530.1317964**	**0.147627273**
16	552.2686227	0.151409091
26	552.2687136	0.185272727

51	516.4276455	0.140136364
121	514.3152136	0.131181818
176	515.3787864	0.130136364
Plate Compactors	**568.2991364**	**0.067909091**
6	568.2991364	0.067909091
Pressure Washers	**568.2990682**	**0.05680303**
6	568.2991364	0.073
16	568.2990455	0.080136364
26	568.2990909	0.084818182
51	568.2991364	0.049818182
121	568.299	0.037636364
176	568.299	0.015409091
Pumps	**568.2991212**	**0.056641414**
6	568.2990455	0.082
16	568.2991364	0.090272727
26	568.2990909	0.117
51	568.2991818	0.059045455
121	568.2990455	0.040272727
176	568.2990909	0.030272727
251	568.2992727	0.028
501	568.2990909	0.028454545
1001	568.2991364	0.034454545
Rollers	**533.9834279**	**0.143863636**
6	556.4506773	0.148227273
16	556.4506773	0.152727273
26	556.4506318	0.180863636
51	516.8354727	0.138
121	515.1700727	0.130454545
176	516.3382545	0.128590909
251	520.1882091	0.128181818
Rough Terrain Forklifts	**522.8841982**	**0.141981818**
26	555.9989818	0.185045455
51	515.9297636	0.138545455
121	514.9542136	0.131136364
176	516.1653136	0.129227273
251	511.3727182	0.125954545
Rubber Tired Dozers	**527.8432809**	**0.117336364**
121	516.3967273	0.134227273
176	517.4888318	0.132727273
251	520.9617182	0.1315
501	516.0699455	0.130090909
751	568.2991818	0.058136364
Rubber Tired Loaders	**522.8015443**	**0.138426136**
16	555.21135	0.152045455
26	555.2114409	0.184772727
51	511.0493864	0.137136364
121	514.5622682	0.129727273

176	513.5880909	0.127590909
251	512.2121273	0.125590909
501	506.0039273	0.123636364
751	514.5737636	0.126909091
Scrapers	**517.7525736**	**0.132554545**
51	524.2008273	0.143409091
121	520.5100955	0.133590909
176	512.8861545	0.129318182
251	515.7126455	0.128272727
501	515.4531455	0.128181818
Signal Boards	**591.9782727**	**0.0669**
6	568.2990455	0.066727273
26	568.2990455	0.125954545
51	568.2990909	0.061045455
121	568.2991818	0.042090909
176	686.695	0.038681818
Skid Steer Loaders	**543.5698591**	**0.155515152**
16	557.5829545	0.156318182
26	557.583	0.175227273
51	515.5436227	0.135
Surfacing Equipment	**523.3469917**	**0.136234848**
26	562.7433909	0.1755
51	515.9236409	0.135818182
121	513.8991364	0.128045455
176	518.80805	0.127727273
251	513.8333227	0.125
501	514.8744091	0.125318182
Sweepers/Scrubbers	**535.7734242**	**0.144257576**
6	555.9515545	0.145363636
16	555.9515545	0.148590909
26	555.9515545	0.181
51	516.8630545	0.136909091
121	516.1046955	0.128409091
176	513.8181318	0.125272727
Tractors/Loaders/Backhoes	**523.9815942**	**0.139058442**
16	547.9775909	0.151681818
26	547.9775909	0.179545455
51	519.2024545	0.138136364
121	512.8255591	0.128409091
176	514.1481909	0.126409091
251	514.5314091	0.125
501	511.2083636	0.124227273
Trenchers	**531.3655847**	**0.142573864**
6	557.6448455	0.147909091
16	557.6449364	0.152727273
26	557.6448909	0.184681818
51	518.0317	0.140272727

121	512.0282045	0.129818182
176	516.5102818	0.129590909
251	514.3797136	0.127363636
501	517.0401045	0.128227273
Welders	**568.2991429**	**0.070655844**
6	568.2992727	0.082
16	568.2990455	0.090272727
26	568.2991818	0.142545455
51	568.2992273	0.066636364
121	568.2990909	0.046045455
176	568.2990455	0.034818182
251	568.2991364	0.032272727
Grand Total	**539.6318605**	**0.116518486**

C1.g Mitigated Block and Excavation CalEEMod Emissions

Downtown West San Jose Mixed Use Proiect

Mitigated Criteria Pollutant Summary

Emissions By Project Phase — **Total (tons/block)**

Year	ROG		Nox	PM10	PM2.5
1	7.10		12.31	0.34	0.34
2A	2.04		3.73	0.10	0.10
2B	1.17		2.16	0.06	0.06
3	2.36		5.36	0.15	0.15

Emissions By Year — **Total (tons/year)**

Year	ROG		Nox	PM10	PM2.5
2021	0.18		0.89	0.02	0.02
2022	0.40		1.98	0.05	0.05
2023	0.58		2.87	0.08	0.08
2024	0.63		3.22	0.09	0.09
2025	1.30		2.48	0.07	0.07
2026	2.47		2.32	0.06	0.06
2027	2.19		1.64	0.04	0.04
2028	0.40		0.34	0.01	0.01
2029	1.63		3.47	0.09	0.09
2030	0.71		2.27	0.06	0.06
2031	1.20		1.25	0.03	0.03
2032	0.98		0.82	0.02	0.02

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

Emissions by Block **Tons**

Block	Year		ROG	Nox	PM10	PM2.5
A1	2027		0.12	0.63	0.02	0.02
A1	2028		0.02	0.12	0.00	0.00
A1	2029		0.61	0.23	0.01	0.01
B1	2026		0.09	0.47	0.01	0.01
B1	2027		0.02	0.12	0.00	0.00
B1	2028		0.03	0.14	0.00	0.00
B1	2029		0.38	0.06	0.00	0.00
C1	2029		0.14	0.71	0.02	0.02
C1	2030		0.02	0.12	0.00	0.00
C1	2031		0.03	0.15	0.00	0.00
C1	2032		0.79	0.82	0.02	0.02
C2	2029		0.11	0.56	0.01	0.01
C2	2030		0.02	0.12	0.00	0.00
C2	2031		0.39	0.16	0.00	0.00
C3	2030		0.05	0.26	0.01	0.01
C3	2031		0.11	0.09	0.00	0.00
C3	2032		0.20	0.00	0.00	0.00
D1	2029		0.04	0.20	0.01	0.01
D1	2030		0.06	0.08	0.00	0.00
D1	2031		0.12	0.00	0.00	0.00
D4	2029		0.08	0.42	0.01	0.01
D4	2030		0.01	0.06	0.00	0.00
D4	2031		0.38	0.06	0.00	0.00
D5-D6	2023		0.03	0.16	0.00	0.00
D5-D6	2024		0.01	0.05	0.00	0.00
D5-D6	2025		0.07	0.07	0.00	0.00
D5-D6	2026		0.00	0.00	0.00	0.00
D7	2025		0.05	0.27	0.01	0.01
D7	2026		0.01	0.05	0.00	0.00
D7	2027		0.30	0.07	0.00	0.00
D8-D13	2023		0.08	0.39	0.01	0.01
D8-D13	2024		0.02	0.12	0.00	0.00
D8-D13	2025		0.02	0.12	0.00	0.00
D8-D13	2026		0.02	0.12	0.00	0.00
D8-D13	2027		0.05	0.12	0.00	0.00
E1.1	2024		0.07	0.38	0.01	0.01
E1.1	2025		0.50	0.09	0.00	0.00
E1.2	2023		0.10	0.51	0.01	0.01
E1.2	2024		0.02	0.12	0.00	0.00
E1.2	2025		0.26	0.25	0.01	0.01
E1.2	2026		0.36	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

Emissions by Block

Block	Year		ROG	Nox	PM10	PM2.5
F1-F2	2024		0.14	0.74	0.02	0.02
F1-F2	2025		0.02	0.13	0.00	0.00
F1-F2	2026		0.99	0.28	0.01	0.01
F3	2025		0.03	0.18	0.00	0.00
F3	2026		0.01	0.05	0.00	0.00
F3	2027		0.44	0.04	0.00	0.00
F4	2024		0.05	0.28	0.01	0.01
F4	2025		0.01	0.05	0.00	0.00
F4	2026		0.28	0.07	0.00	0.00
F5	2022		0.04	0.20	0.01	0.01
F5	2023		0.01	0.03	0.00	0.00
F5	2024		0.01	0.03	0.00	0.00
F5	2025		0.05	0.06	0.00	0.00
F6	2024		0.03	0.17	0.00	0.00
F6	2025		0.01	0.03	0.00	0.00
F6	2026		0.21	0.05	0.00	0.00
G1	2025		0.05	0.24	0.01	0.01
G1	2026		0.01	0.07	0.00	0.00
G1	2027		0.43	0.04	0.00	0.00
H1	2024		0.04	0.19	0.00	0.00
H1	2025		0.01	0.03	0.00	0.00
H1	2026		0.24	0.06	0.00	0.00
H2	2029		0.03	0.16	0.00	0.00
H2	2030		0.20	0.06	0.00	0.00
H3	2025		0.07	0.34	0.01	0.01
H3	2026		0.02	0.09	0.00	0.00
H3	2027		0.72	0.15	0.00	0.00
H4	2027		0.05	0.25	0.01	0.01
H4	2028		0.35	0.08	0.00	0.00
150 SM	2024		0.02	0.11	0.00	0.00
150 SM	2025		0.01	0.06	0.00	0.00
150 SM	2026		0.02	0.07	0.00	0.00
40 SM	2024		0.03	0.15	0.00	0.00
40 SM	2025		0.02	0.07	0.00	0.00

Downtown West San Jose Mixed Use Proiect

Mitigated Criteria Pollutant Summary

Emissions by Block

Block	Year		ROG	Nox	PM10	PM2.5
LTA B1-1	2025		0.00	0.00	0.00	0.00
LTA B1-2	2025		0.00	0.00	0.00	0.00
LTA B1-3	2025		0.00	0.03	0.00	0.00
LTA B1-4	2025		0.00	0.00	0.00	0.00
LTA B1-4	2025		0.00	0.00	0.00	0.00
Excavation - 1	2021		0.182	0.89	0.02	0.02
Excavation - 1	2022		0.36	1.78	0.05	0.05
Excavation - 1	2023		0.36	1.78	0.05	0.05
Excavation - 1	2024		0.18	0.89	0.02	0.02
Excavation - 2a	2025		0.10	0.46	0.01	0.01
Excavation - 2a	2026		0.21	0.93	0.03	0.03
Excavation - 2a	2027		0.05	0.23	0.01	0.01
Excavation - 2b	2029		0.24	1.13	0.03	0.03
Excavation - 3	2030		0.34	1.57	0.04	0.04
Excavation - 3	2031		0.17	0.79	0.02	0.02

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

Emissions by Construction Phase

Block	Phase	Start Date		End Date	ROG	Nox	PM10	PM2.5	Total (tons/phase) PM10	Total (tons/phase) PM2.5
A1	Site Preparation	4/1/2027	A1Site Preparation	6/13/2027	0.11	0.56	0.01	0.01		
A1	Building Construction	6/13/2027	A1Building Construction	7/13/2029	0.05	0.25	0.01	0.01		
A1	Paving	7/13/2029	A1Paving	9/6/2029	0.03	0.17	0.00	0.00		
A1	Arc. Coating	9/6/2029	A1Arc. Coating	10/31/2029	0.57	0.00	0.00	0.00		
B1	Site Preparation	10/1/2026	B1Site Preparation	12/10/2026	0.09	0.47	0.01	0.01		
B1	Building Construction	12/10/2026	B1Building Construction	12/15/2028	0.04	0.23	0.01	0.01		
B1	Paving	12/15/2028	B1Paving	2/6/2029	0.02	0.09	0.00	0.00		
B1	Arc. Coating	2/6/2029	B1Arc. Coating	3/31/2029	0.37	0.00	0.00	0.00		
C1	Site Preparation	9/1/2029	C1Site Preparation	11/12/2029	0.14	0.69	0.02	0.02		
C1	Building Construction	11/12/2029	C1Building Construction	12/12/2031	0.05	0.25	0.01	0.01		
C1	Paving	11/12/2029	C1Paving	12/12/2031	0.02	0.11	0.00	0.00		
C1	Arc. Coating	2/5/2032	C1Arc. Coating	3/31/2032	0.64	0.00	0.00	0.00		
C2	Site Preparation	4/1/2029	C2Site Preparation	6/13/2029	0.10	0.50	0.01	0.01		
C2	Building Construction	6/13/2029	C2Building Construction	7/13/2031	0.05	0.26	0.01	0.01		
C2	Paving	7/13/2031	C2Paving	9/6/2031	0.02	0.09	0.00	0.00		
C2	Arc. Coating	9/6/2031	C2Arc. Coating	10/31/2031	0.36	0.00	0.00	0.00		
C3	Site Preparation	1/1/2030	C3Site Preparation	2/28/2030	0.04	0.20	0.01	0.01		
C3	Building Construction	2/28/2030	C3Building Construction	11/3/2031	0.02	0.12	0.00	0.00		
C3	Paving	11/3/2031	C3Paving	12/17/2031	0.01	0.04	0.00	0.00		
C3	Arc. Coating	12/17/2031	C3Arc. Coating	1/30/2032	0.30	0.00	0.00	0.00		
D1	Site Preparation	1/1/2029	D1Site Preparation	2/28/2029	0.03	0.16	0.00	0.00		
D1	Building Construction	2/28/2029	D1Building Construction	11/4/2030	0.01	0.08	0.00	0.00		
D1	Paving	11/4/2030	D1Paving	12/18/2030	0.01	0.04	0.00	0.00		
D1	Arc. Coating	12/18/2030	D1Arc. Coating	1/31/2031	0.17	0.00	0.00	0.00		
D4	Site Preparation	4/1/2029	D4Site Preparation	6/3/2029	0.07	0.38	0.01	0.01		
D4	Building Construction	6/3/2029	D4Building Construction	3/28/2031	0.02	0.11	0.00	0.00		
D4	Paving	3/28/2031	D4Paving	5/14/2031	0.01	0.04	0.00	0.00		
D4	Arc. Coating	5/14/2031	D4Arc. Coating	7/1/2031	0.37	0.00	0.00	0.00		
D5-D6	Site Preparation	10/1/2023	D5-D6Site Preparation	12/3/2023	0.03	0.16	0.00	0.00		
D5-D6	Building Construction	12/3/2023	D5-D6Building Construction	9/26/2025	0.02	0.09	0.00	0.00		
D5-D6	Paving	9/26/2025	D5-D6Paving	11/13/2025	0.01	0.04	0.00	0.00		
D5-D6	Arc. Coating	11/13/2025	D5-D6Arc. Coating	12/31/2025	0.05	0.00	0.00	0.00		
D7	Site Preparation	7/1/2025	D7Site Preparation	9/4/2025	0.05	0.25	0.01	0.01		
D7	Building Construction	9/4/2025	D7Building Construction	7/24/2027	0.02	0.10	0.00	0.00		
D7	Paving	7/24/2027	D7Paving	9/11/2027	0.01	0.04	0.00	0.00		
D7	Arc. Coating	9/11/2027	D7Arc. Coating	10/31/2027	0.29	0.00	0.00	0.00		
D8-D13	Site Preparation	6/1/2023	D8-D13Site Preparation	10/5/2023	0.07	0.36	0.01	0.01		
D8-D13	Building Construction	10/5/2023	D8-D13Building Construction	4/24/2027	0.08	0.43	0.01	0.01		
D8-D13	Paving	4/24/2027	D8-D13Paving	7/28/2027	0.01	0.08	0.00	0.00		
D8-D13	Arc. Coating	7/28/2027	D8-D13Arc. Coating	10/31/2027	0.03	0.00	0.00	0.00		

Downtown West San Jose Mixed Use Proiect

Mitigated Criteria Pollutant Summary

Emissions by C	Fugitive Dust (tons/phase)		AC	Paving			Off Road (tons/phase)	
Block	ROG	ROG	ROG	Nox	PM10	PM2.5		
A1	0.00	0.00			0.11086	0.56255	0.01488	0.01488
A1					0.04825	0.25464	0.00725	0.00725
A1					0.03026	0.16952	0.00452	0.00452
A1			0.57	0	0.00000	0.00000	0.00000	0.00000
B1	0.00	0.00			0.09021	0.46811	0.01223	0.01223
B1					0.04373	0.23356	0.00662	0.00662
B1					0.01557	0.08632	0.00231	0.00231
B1			0.37	0	0.00000	0.00000	0.00000	0.00000
C1	0.00	0.00			0.13613	0.69143	0.01864	0.01864
C1					0.04815	0.25411	0.00723	0.00723
C1					0.02013	0.11277	0.00300	0.00300
C1			0.61	0.02673	0.00000	0.00000	0.00000	0.00000
C2	0.00	0.00			0.09609	0.49645	0.01299	0.01299
C2					0.05010	0.26441	0.00753	0.00753
C2					0.01679	0.09307	0.00249	0.00249
C2			0.31	0.04314	0.00000	0.00000	0.00000	0.00000
C3	0.00	0.00			0.03815	0.20002	0.00516	0.00516
C3					0.02072	0.11731	0.00326	0.00326
C3					0.00644	0.03567	0.00095	0.00095
C3			0.29	0.0075	0.00000	0.00000	0.00000	0.00000
D1	0.00	0.00			0.02998	0.15609	0.00399	0.00399
D1					0.01463	0.08180	0.00228	0.00228
D1					0.00644	0.03572	0.00096	0.00096
D1			0.15	0.01876	0.00000	0.00000	0.00000	0.00000
D4	0.00	0.00			0.07303	0.38349	0.01007	0.01007
D4					0.02100	0.11086	0.00316	0.00316
D4					0.00770	0.04288	0.00114	0.00114
D4			0.35	0.02579	0.00000	0.00000	0.00000	0.00000
D5-D6	0.00	0.00			0.03079	0.15920	0.00407	0.00407
D5-D6					0.01582	0.08840	0.00246	0.00246
D5-D6					0.00699	0.03875	0.00104	0.00104
D5-D6			0.03	0.02579	0.00000	0.00000	0.00000	0.00000
D7	0.00	0.00			0.04918	0.25388	0.00673	0.00673
D7					0.01909	0.10331	0.00291	0.00291
D7					0.00726	0.04022	0.00108	0.00108
D7			0.27	0.01735	0.00000	0.00000	0.00000	0.00000
D8-D13	0.00	0.00			0.07343	0.36280	0.01198	0.01198
D8-D13					0.07952	0.43329	0.01161	0.01161
D8-D13					0.01398	0.07746	0.00207	0.00207
D8-D13			0.03	0	0.00000	0.00000	0.00000	0.00000

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

Emissions by Construction Phase

Block	Phase	Start Date		End Date	Total (tons/phase) ROG	Nox	PM10	PM2.5
E1.1	Site Preparation	1/1/2024	E1.1Site Preparation	2/21/2024	0.06	0.31	0.01	0.01
E1.1	Building Construction	2/21/2024	E1.1Building Construction	8/15/2025	0.02	0.12	0.00	0.00
E1.1	Paving	8/15/2025	E1.1Paving	9/22/2025	0.01	0.03	0.00	0.00
E1.1	Arc. Coating	9/22/2025	E1.1Arc. Coating	10/31/2025	0.49	0.00	0.00	0.00
E1.2	Site Preparation	10/1/2023	E1.2Site Preparation	12/5/2023	0.10	0.51	0.01	0.01
E1.2	Building Construction	12/5/2023	E1.2Building Construction	10/24/2025	0.04	0.22	0.01	0.01
E1.2	Paving	10/24/2025	E1.2Paving	12/12/2025	0.03	0.15	0.00	0.00
E1.2	Arc. Coating	12/12/2025	E1.2Arc. Coating	1/31/2026	0.59	0.00	0.00	0.00
F1-F2	Site Preparation	6/1/2024	F1-F2Site Preparation	8/8/2024	0.13	0.69	0.02	0.02
F1-F2	Building Construction	8/8/2024	F1-F2Building Construction	7/20/2026	0.05	0.25	0.01	0.01
F1-F2	Paving	7/20/2026	F1-F2Paving	9/9/2026	0.04	0.21	0.01	0.01
F1-F2	Arc. Coating	9/9/2026	F1-F2Arc. Coating	10/31/2026	0.94	0.00	0.00	0.00
F3	Site Preparation	3/1/2025	F3Site Preparation	4/28/2025	0.03	0.15	0.00	0.00
F3	Building Construction	4/28/2025	F3Building Construction	1/2/2027	0.01	0.08	0.00	0.00
F3	Paving	1/2/2027	F3Paving	2/15/2027	0.01	0.04	0.00	0.00
F3	Arc. Coating	2/15/2027	F3Arc. Coating	3/31/2027	0.43	0.00	0.00	0.00
F4	Site Preparation	6/1/2024	F4Site Preparation	8/8/2024	0.05	0.25	0.01	0.01
F4	Building Construction	8/8/2024	F4Building Construction	7/20/2026	0.02	0.11	0.00	0.00
F4	Paving	7/20/2026	F4Paving	9/9/2026	0.01	0.04	0.00	0.00
F4	Arc. Coating	9/9/2026	F4Arc. Coating	10/31/2026	0.27	0.00	0.00	0.00
F5	Site Preparation	10/1/2022	F5Site Preparation	12/20/2022	0.04	0.20	0.01	0.01
F5	Building Construction	12/20/2022	F5Building Construction	4/1/2025	0.01	0.06	0.00	0.00
F5	Paving	4/1/2025	F5Paving	5/31/2025	0.01	0.05	0.00	0.00
F5	Arc. Coating	5/31/2025	F5Arc. Coating	7/31/2025	0.04	0.00	0.00	0.00
F6	Site Preparation	7/1/2024	F6Site Preparation	9/2/2024	0.03	0.16	0.00	0.00
F6	Building Construction	9/2/2024	F6Building Construction	6/27/2026	0.01	0.05	0.00	0.00
F6	Paving	6/27/2026	F6Paving	8/14/2026	0.01	0.04	0.00	0.00
F6	Arc. Coating	8/14/2026	F6Arc. Coating	10/1/2026	0.20	0.00	0.00	0.00
G1	Site Preparation	1/1/2025	G1Site Preparation	3/7/2025	0.03	0.18	0.00	0.00
G1	Building Construction	3/7/2025	G1Building Construction	1/22/2027	0.02	0.13	0.00	0.00
G1	Paving	1/22/2027	G1Paving	3/12/2027	0.01	0.04	0.00	0.00
G1	Arc. Coating	3/12/2027	G1Arc. Coating	5/1/2027	0.43	0.00	0.00	0.00
H1	Site Preparation	7/1/2024	H1Site Preparation	9/4/2024	0.03	0.18	0.00	0.00
H1	Building Construction	9/4/2024	H1Building Construction	7/24/2026	0.01	0.06	0.00	0.00
H1	Paving	7/24/2026	H1Paving	9/11/2026	0.01	0.04	0.00	0.00
H1	Arc. Coating	9/11/2026	H1Arc. Coating	10/31/2026	0.23	0.00	0.00	0.00
H2	Site Preparation	1/1/2029	H2Site Preparation	2/25/2029	0.03	0.14	0.00	0.00
H2	Building Construction	2/25/2029	H2Building Construction	10/8/2030	0.01	0.04	0.00	0.00
H2	Paving	10/8/2030	H2Paving	11/19/2030	0.01	0.03	0.00	0.00

Downtown West San Jose Mixed Use Proiect

Mitigated Criteria Pollutant Summary

Emissions by C	Fugitive Dust (tons/phase)		AC	Paving	Off Road (tons/phase)			
Block	PM10	PM2.5	ROG	ROG	ROG	Nox	PM10	PM2.5
E1.1	0.00	0.00			0.05900	0.30980	0.00813	0.00813
E1.1					0.02254	0.12197	0.00344	0.00344
E1.1					0.00622	0.03464	0.00092	0.00092
E1.1			0.46	0.03283	0.00000	0.00000	0.00000	0.00000
E1.2	0.00	0.00			0.09982	0.50654	0.01340	0.01339
E1.2					0.04093	0.21857	0.00619	0.00619
E1.2					0.02724	0.15264	0.00407	0.00407
E1.2			0.52	0.07034	0.00000	0.00000	0.00000	0.00000
F1-F2	0.00	0.00			0.13465	0.68789	0.01851	0.01850
F1-F2					0.04790	0.25017	0.00715	0.00715
F1-F2					0.03761	0.21070	0.00561	0.00561
F1-F2			0.87	0.068	0.00000	0.00000	0.00000	0.00000
F3	0.00	0.00			0.02838	0.14673	0.00375	0.00375
F3					0.01463	0.08180	0.00228	0.00228
F3					0.00644	0.03572	0.00096	0.00096
F3			0.42	0.01172	0.00000	0.00000	0.00000	0.00000
F4	0.00	0.00			0.04833	0.25387	0.00656	0.00656
F4					0.01976	0.10691	0.00302	0.00302
F4					0.00752	0.04169	0.00112	0.00112
F4			0.24	0.02345	0.00000	0.00000	0.00000	0.00000
F5	0.00	0.00			0.03903	0.20181	0.00515	0.00515
F5					0.01157	0.06259	0.00177	0.00177
F5					0.00886	0.04913	0.00131	0.00131
F5			0.04	0.00188	0.00000	0.00000	0.00000	0.00000
F6	0.00	0.00			0.03079	0.15920	0.00407	0.00407
F6					0.00921	0.04985	0.00141	0.00141
F6					0.00699	0.03875	0.00104	0.00104
F6			0.19	0.01641	0.00000	0.00000	0.00000	0.00000
G1	0.00	0.00			0.03481	0.18194	0.00466	0.00466
G1					0.02444	0.12642	0.00363	0.00363
G1					0.00724	0.04012	0.00107	0.00107
G1			0.42	0.00563	0.00000	0.00000	0.00000	0.00000
H1	0.00	0.00			0.03489	0.18238	0.00467	0.00467
H1					0.01225	0.06336	0.00182	0.00182
H1					0.00726	0.04022	0.00108	0.00108
H1			0.22	0.00938	0.00000	0.00000	0.00000	0.00000
H2	0.00	0.00			0.02718	0.14050	0.00359	0.00359
H2					0.00818	0.04426	0.00125	0.00125
H2					0.00617	0.03420	0.00091	0.00091

Downtown West San Jose Mixed Use Proiect

Mitigated Criteria Pollutant Summary

Emissions by Construction Phase

Block	Phase	Start Date		End Date	Total (tons/phase) ROG	Nox	PM10	PM2.5
H2	Arc. Coating	11/19/2030	H2Arc. Coating	12/31/2030	0.19	0.00	0.00	0.00
H3	Site Preparation	7/1/2025	H3Site Preparation	9/9/2025	0.06	0.31	0.01	0.01
H3	Building Construction	9/9/2025	H3Building Construction	9/16/2027	0.03	0.18	0.01	0.01
H3	Paving	9/16/2027	H3Paving	11/8/2027	0.02	0.09	0.00	0.00
H3	Arc. Coating	11/8/2027	H3Arc. Coating	12/31/2027	0.70	0.00	0.00	0.00
H4	Site Preparation	2/1/2027	H4Site Preparation	3/29/2027	0.04	0.21	0.01	0.01
H4	Building Construction	3/29/2027	H4Building Construction	11/8/2028	0.02	0.09	0.00	0.00
H4	Paving	11/8/2028	H4Paving	12/20/2028	0.01	0.03	0.00	0.00
H4	Arc. Coating	12/20/2028	H4Arc. Coating	1/31/2029	0.34	0.00	0.00	0.00
150 SM	Site Preparation	10/1/2024	150 SMSite Preparation	11/28/2024	0.02	0.11	0.00	0.00
150 SM	Building Construction	11/28/2024	150 SMBuilding Construction	8/4/2026	0.02	0.10	0.00	0.00
150 SM	Paving	8/4/2026	150 SMPaving	9/17/2026	0.01	0.04	0.00	0.00
150 SM	Arc. Coating	9/17/2026	150 SMArc. Coating	10/31/2026	0.01	0.00	0.00	0.00
40 SM	Site Preparation	1/1/2024	40 SMSite Preparation	2/21/2024	0.02	0.09	0.00	0.00
40 SM	Building Construction	2/21/2024	40 SMBuilding Construction	8/15/2025	0.02	0.09	0.00	0.00
40 SM	Paving	8/15/2025	40 SMPaving	9/22/2025	0.01	0.03	0.00	0.00
40 SM	Arc. Coating	9/22/2025	40 SMArc. Coating	10/31/2025	0.01	0.00	0.00	0.00
LTA B1-1	Paving	7/1/2025	LTA B1-1Paving	7/6/2025	0.00	0.00	0.00	0.00
LTA B1-2	Paving	7/8/2025	LTA B1-2Paving	7/13/2025	0.00	0.00	0.00	0.00
LTA B1-3	Paving	7/15/2025	LTA B1-3Paving	8/12/2025	0.00	0.03	0.00	0.00
LTA B1-4	Paving	8/13/2025	LTA B1-4Paving	8/23/2025	0.00	0.00	0.00	0.00
LTA B1-4	Paving	8/24/2025	LTA B1-4Paving	9/3/2025	0.00	0.01	0.00	0.00
Excavation	1	7/1/2021	Excavation1	7/1/2024	1.09	5.33	0.15	0.15
Excavation	2a	7/1/2025	Excavation2a	4/1/2027	0.36	1.62	0.05	0.05
Excavation	2b	1/1/2029	Excavation2b	1/1/2030	0.24	1.13	0.03	0.03
Excavation	3	1/1/2030	Excavation3	7/1/2031	0.51	2.36	0.07	0.07

Downtown West San Jose Mixed Use Proiect

Mitigated Criteria Pollutant Summary

Emissions by C	(tons/phase)		AC	Paving			Off Road (tons/phase)	
Block	PM10	PM2.5	ROG	ROG	ROG	Nox	PM10	PM2.5
H2			0.17	0.01407	0.00000	0.00000	0.00000	0.00000
H3	0.00	0.00			0.06483	0.31319	0.00862	0.00862
H3					0.03356	0.17849	0.00507	0.00507
H3					0.01559	0.08641	0.00231	0.00231
H3			0.63	0.06565	0.00000	0.00000	0.00000	0.00000
H4	0.00	0.00			0.03971	0.20858	0.00539	0.00539
H4					0.01638	0.08864	0.00250	0.00250
H4					0.00618	0.03425	0.00092	0.00092
H4			0.31	0.03142	0.00000	0.00000	0.00000	0.00000
150 SM	0.00	0.00			0.02085	0.10703	0.00321	0.00320
150 SM					0.01883	0.10261	0.00275	0.00275
150 SM					0.00644	0.03572	0.00096	0.00096
150 SM			0.01	0	0.00000	0.00000	0.00000	0.00000
40 SM	0.00	0.00			0.01825	0.09368	0.00281	0.00281
40 SM					0.01660	0.09044	0.00242	0.00242
40 SM					0.00564	0.03127	0.00084	0.00084
40 SM			0.01	0	0.00000	0.00000	0.00000	0.00000
LTA B1-1	0.00	0.00		0	0.00005	0.00001	0.00000	0.00000
LTA B1-2	0.00	0.00		0	0.00005	0.00001	0.00000	0.00000
LTA B1-3	0.00	0.00		0	0.00481	0.02586	0.00069	0.00069
LTA B1-4	0.00	0.00		0	0.00080	0.00465	0.00012	0.00012
LTA B1-4	0.00	0.00		0	0.00114	0.00670	0.00017	0.00017
Excavation	0.92	0.10			1.09492	5.32638	0.14714	0.14713
Excavation	0.53	0.06			0.36158	1.62268	0.04600	0.04599
Excavation	0.30	0.03			0.24429	1.12883	0.03170	0.03169
Excavation	0.63	0.07			0.50958	2.35813	0.06618	0.06617

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

Emissions by Construction Phase by year

					Total (tons/phase)			
Block	**Phase**	**Date**		**% Total**	**ROG**	**Nox**	**PM10**	**PM2.5**
Excavation	1	2021	Excavation1	0.16666667	0.18	0.89	0.02	0.02
F5	Site Preparation	2022	F5Site Preparation	100.00%	0.04	0.20	0.01	0.01
F5	Building Construction	2022	F5Building Construction	1.28%	0.00	0.00	0.00	0.00
Excavation	1	2022	Excavation1	33.33%	0.36	1.78	0.05	0.05
D5-D6	Site Preparation	2023	D5-D6Site Preparation	100.00%	0.03	0.16	0.00	0.00
D5-D6	Building Construction	2023	D5-D6Building Construction	4.17%	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	2023	D8-D13Site Preparation	100.00%	0.07	0.36	0.01	0.01
D8-D13	Building Construction	2023	D8-D13Building Construction	6.66%	0.01	0.03	0.00	0.00
E1.2	Site Preparation	2023	E1.2Site Preparation	100.00%	0.10	0.51	0.01	0.01
E1.2	Building Construction	2023	E1.2Building Construction	3.65%	0.00	0.01	0.00	0.00
F5	Building Construction	2023	F5Building Construction	43.69%	0.01	0.03	0.00	0.00
Excavation	1	2023	Excavation1	33.33%	0.36	1.78	0.05	0.05
150 SM	Site Preparation	2024	150 SMSite Preparation	100.00%	0.02	0.11	0.00	0.00
150 SM	Building Construction	2024	150 SMBuilding Construction	5.31%	0.00	0.01	0.00	0.00
40 SM	Site Preparation	2024	40 SMSite Preparation	100.00%	0.02	0.09	0.00	0.00
40 SM	Building Construction	2024	40 SMBuilding Construction	58.00%	0.01	0.05	0.00	0.00
D5-D6	Building Construction	2024	D5-D6Building Construction	55.00%	0.01	0.05	0.00	0.00
D8-D13	Building Construction	2024	D8-D13Building Construction	28.15%	0.02	0.12	0.00	0.00
E1.1	Site Preparation	2024	E1.1Site Preparation	100.00%	0.06	0.31	0.01	0.01
E1.1	Building Construction	2024	E1.1Building Construction	58.00%	0.01	0.07	0.00	0.00
E1.2	Building Construction	2024	E1.2Building Construction	53.02%	0.02	0.12	0.00	0.00
F1-F2	Site Preparation	2024	F1-F2Site Preparation	100.00%	0.13	0.69	0.02	0.02
F1-F2	Building Construction	2024	F1-F2Building Construction	20.35%	0.01	0.05	0.00	0.00
F4	Site Preparation	2024	F4Site Preparation	100.00%	0.05	0.25	0.01	0.01
F4	Building Construction	2024	F4Building Construction	20.35%	0.00	0.02	0.00	0.00
F5	Building Construction	2024	F5Building Construction	43.81%	0.01	0.03	0.00	0.00
F6	Site Preparation	2024	F6Site Preparation	100.00%	0.03	0.16	0.004	0.00
F6	Building Construction	2024	F6Building Construction	18.03%	0.00	0.01	0.00	0.00
H1	Site Preparation	2024	H1Site Preparation	100.00%	0.03	0.18	0.00	0.00
H1	Building Construction	2024	H1Building Construction	17.05%	0.00	0.01	0.00	0.00
Excavation	1	2024	Excavation1	16.67%	0.18	0.89	0.02	0.02
150 SM	Building Construction	2025	150 SMBuilding Construction	59.28%	0.01	0.06	0.00	0.00
40 SM	Building Construction	2025	40 SMBuilding Construction	41.76%	0.01	0.04	0.00	0.00
40 SM	Paving	2025	40 SMPaving	100.00%	0.01	0.03	0.00	0.00
40 SM	Arc. Coating	2025	40 SMArc. Coating	100.00%	0.01	0.00	0.00	0.00
D5-D6	Building Construction	2025	D5-D6Building Construction	40.39%	0.01	0.04	0.00	0.00
D5-D6	Paving	2025	D5-D6Paving	100.00%	0.01	0.04	0.00	0.00
D5-D6	Arc. Coating	2025	D5-D6Arc. Coating	100.00%	0.05	0.00	0.00	0.00
D7	Site Preparation	2025	D7Site Preparation	100.00%	0.05	0.25	0.01	0.01

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

					Total (tons/phase)			
Block	**Phase**	**Date**		**% Total**	**ROG**	**Nox**	**PM10**	**PM2.5**
D7	Building Construction	2025	D7Building Construction	17.05%	0.00	0.02	0.00	0.00
D8-D13	Building Construction	2025	D8-D13Building Construction	28.08%	0.02	0.12	0.00	0.00
E1.1	Building Construction	2025	E1.1Building Construction	41.76%	0.01	0.05	0.00	0.00
E1.1	Paving	2025	E1.1Paving	100.00%	0.01	0.03	0.00	0.00
E1.1	Arc. Coating	2025	E1.1Arc. Coating	100.00%	0.49	0.00	0.00	0.00
E1.2	Building Construction	2025	E1.2Building Construction	43.00%	0.02	0.09	0.00	0.00
E1.2	Paving	2025	E1.2Paving	100.00%	0.03	0.15	0.00	0.00
E1.2	Arc. Coating	2025	E1.2Arc. Coating	37.22%	0.22	0.00	0.00	0.00
F1-F2	Building Construction	2025	F1-F2Building Construction	51.15%	0.02	0.13	0.00	0.00
F3	Site Preparation	2025	F3Site Preparation	100.00%	0.03	0.15	0.00	0.00
F3	Building Construction	2025	F3Building Construction	40.16%	0.01	0.03	0.00	0.00
F4	Building Construction	2025	F4Building Construction	51.15%	0.01	0.05	0.00	0.00
F5	Building Construction	2025	F5Building Construction	10.80%	0.00	0.01	0.00	0.00
F5	Paving	2025	F5Paving	100.00%	0.01	0.05	0.00	0.00
F5	Arc. Coating	2025	F5Arc. Coating	100.00%	0.04	0.00	0.00	0.00
F6	Building Construction	2025	F6Building Construction	54.85%	0.01	0.03	0.00	0.00
G1	Site Preparation	2025	G1Site Preparation	100.00%	0.03	0.18	0.00	0.00
G1	Building Construction	2025	G1Building Construction	43.50%	0.01	0.05	0.00	0.00
H1	Building Construction	2025	H1Building Construction	52.94%	0.01	0.03	0.00	0.00
H3	Site Preparation	2025	H3Site Preparation	100.00%	0.06	0.31	0.01	0.01
H3	Building Construction	2025	H3Building Construction	15.26%	0.01	0.03	0.00	0.00
LTA B1-1	Paving	2025	LTA B1-1Paving	100.00%	0.00	0.00	0.00	0.00
LTA B1-2	Paving	2025	LTA B1-2Paving	100.00%	0.00	0.00	0.00	0.00
LTA B1-3	Paving	2025	LTA B1-3Paving	100.00%	0.00	0.03	0.00	0.00
LTA B1-4	Paving	2025	LTA B1-4Paving	100.00%	0.00	0.00	0.00	0.00
LTA B1-4	Paving	2025	LTA B1-4Paving	100.00%	0.00	0.00	0.00	0.00
Excavation	2a	2025	Excavation2a	28.57%	0.10	0.46	0.01	0.01
150 SM	Building Construction	2026	150 SMBuilding Construction	35.02%	0.01	0.04	0.00	0.00
150 SM	Paving	2026	150 SMPaving	100.00%	0.01	0.04	0.00	0.00
150 SM	Arc. Coating	2026	150 SMArc. Coating	100.00%	0.01	0.00	0.00	0.00
B1	Site Preparation	2026	B1Site Preparation	100.00%	0.09	0.47	0.01	0.01
B1	Building Construction	2026	B1Building Construction	2.78%	0.00	0.01	0.00	0.00
D5-D6	Arc. Coating	2026	D5-D6Arc. Coating	0.00%	0.00	0.00	0.00	0.00
D7	Building Construction	2026	D7Building Construction	52.94%	0.01	0.05	0.00	0.00
D8-D13	Building Construction	2026	D8-D13Building Construction	28.08%	0.02	0.12	0.00	0.00
E1.2	Arc. Coating	2026	E1.2Arc. Coating	60.75%	0.36	0.00	0.00	0.00
F1-F2	Building Construction	2026	F1-F2Building Construction	28.11%	0.01	0.07	0.00	0.00
F1-F2	Paving	2026	F1-F2Paving	100.00%	0.04	0.21	0.01	0.01
F1-F2	Arc. Coating	2026	F1-F2Arc. Coating	100.00%	0.94	0.00	0.00	0.00
F3	Building Construction	2026	F3Building Construction	59.28%	0.01	0.05	0.00	0.00

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

					Total (tons/phase)			
Block	**Phase**	**Date**		**% Total**	**ROG**	**Nox**	**PM10**	**PM2.5**
F4	Building Construction	2026	F4Building Construction	28.11%	0.01	0.03	0.00	0.00
F4	Paving	2026	F4Paving	100.00%	0.01	0.04	0.00	0.00
F4	Arc. Coating	2026	F4Arc. Coating	100.00%	0.27	0.00	0.00	0.00
F6	Building Construction	2026	F6Building Construction	26.67%	0.00	0.01	0.00	0.00
F6	Paving	2026	F6Paving	100.00%	0.01	0.04	0.00	0.00
F6	Arc. Coating	2026	F6Arc. Coating	100.00%	0.20	0.00	0.00	0.00
G1	Building Construction	2026	G1Building Construction	53.06%	0.01	0.07	0.00	0.00
H1	Building Construction	2026	H1Building Construction	29.67%	0.00	0.02	0.00	0.00
H1	Paving	2026	H1Paving	100.00%	0.01	0.04	0.00	0.00
H1	Arc. Coating	2026	H1Arc. Coating	100.00%	0.23	0.00	0.00	0.00
H3	Building Construction	2026	H3Building Construction	49.43%	0.02	0.09	0.00	0.00
Excavation	2a	2026	Excavation2a	57.14%	0.21	0.93	0.03	0.03
A1	Site Preparation	2027	A1Site Preparation	100.00%	0.11	0.56	0.01	0.01
A1	Building Construction	2027	A1Building Construction	26.39%	0.01	0.07	0.00	0.00
B1	Building Construction	2027	B1Building Construction	49.48%	0.02	0.12	0.00	0.00
D7	Building Construction	2027	D7Building Construction	29.67%	0.01	0.03	0.00	0.00
D7	Paving	2027	D7Paving	100.00%	0.01	0.04	0.00	0.00
D7	Arc. Coating	2027	D7Arc. Coating	100.00%	0.29	0.00	0.00	0.00
D8-D13	Building Construction	2027	D8-D13Building Construction	8.72%	0.01	0.04	0.00	0.00
D8-D13	Paving	2027	D8-D13Paving	100.00%	0.01	0.08	0.00	0.00
D8-D13	Arc. Coating	2027	D8-D13Arc. Coating	100.00%	0.03	0.00	0.00	0.00
F3	Building Construction	2027	F3Building Construction	0.16%	0.00	0.00	0.00	0.00
F3	Paving	2027	F3Paving	100.00%	0.01	0.04	0.00	0.00
F3	Arc. Coating	2027	F3Arc. Coating	100.00%	0.43	0.00	0.00	0.00
G1	Building Construction	2027	G1Building Construction	3.06%	0.00	0.00	0.00	0.00
G1	Paving	2027	G1Paving	100.00%	0.01	0.04	0.00	0.00
G1	Arc. Coating	2027	G1Arc. Coating	100.00%	0.43	0.00	0.00	0.00
H3	Building Construction	2027	H3Building Construction	35.04%	0.01	0.06	0.00	0.00
H3	Paving	2027	H3Paving	100.00%	0.02	0.09	0.00	0.00
H3	Arc. Coating	2027	H3Arc. Coating	100.00%	0.70	0.00	0.00	0.00
H4	Site Preparation	2027	H4Site Preparation	100.00%	0.04	0.21	0.01	0.01
H4	Building Construction	2027	H4Building Construction	46.95%	0.01	0.04	0.00	0.00
Excavation	2a	2027	Excavation2a	14.29%	0.05	0.23	0.01	0.01
A1	Building Construction	2028	A1Building Construction	47.95%	0.02	0.12	0.00	0.00
B1	Building Construction	2028	B1Building Construction	47.44%	0.02	0.11	0.00	0.00
B1	Paving	2028	B1Paving	30.17%	0.00	0.03	0.00	0.00
H4	Building Construction	2028	H4Building Construction	52.88%	0.01	0.05	0.00	0.00
H4	Paving	2028	H4Paving	100.00%	0.01	0.03	0.00	0.00
H4	Arc. Coating	2028	H4Arc. Coating	100.00%	0.34	0.00	0.00	0.00
A1	Building Construction	2029	A1Building Construction	25.40%	0.01	0.06	0.00	0.00
A1	Paving	2029	A1Paving	100.00%	0.03	0.17	0.00	0.00

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

A1	Arc. Coating	2029	A1Arc. Coating	100.00%	0.57	0.00	0.00	0.00
Block	**Phase**	**Date**		**% Total**	**ROG**	**Nox**	**PM10**	**PM2.5**
B1	Paving	2029	B1Paving	68.57%	0.01	0.06	0.00	0.00
B1	Arc. Coating	2029	B1Arc. Coating	100.00%	0.37	0.00	0.00	0.00
C1	Site Preparation	2029	C1Site Preparation	100.00%	0.14	0.69	0.02	0.02
C1	Building Construction	2029	C1Building Construction	6.32%	0.00	0.02	0.00	0.00
C2	Site Preparation	2029	C2Site Preparation	100.00%	0.10	0.50	0.01	0.01
C2	Building Construction	2029	C2Building Construction	25.43%	0.01	0.07	0.00	0.00
D1	Site Preparation	2029	D1Site Preparation	100.00%	0.03	0.16	0.00	0.00
D1	Building Construction	2029	D1Building Construction	49.77%	0.01	0.04	0.00	0.00
D4	Site Preparation	2029	D4Site Preparation	100.00%	0.07	0.38	0.01	0.01
D4	Building Construction	2029	D4Building Construction	31.79%	0.01	0.04	0.00	0.00
H2	Site Preparation	2029	H2Site Preparation	100.00%	0.03	0.14	0.00	0.00
H2	Building Construction	2029	H2Building Construction	52.29%	0.00	0.02	0.00	0.00
Excavation	2b	2029	Excavation2b	100.00%	0.24	1.13	0.03	0.03
C1	Building Construction	2030	C1Building Construction	47.92%	0.02	0.12	0.00	0.00
C2	Building Construction	2030	C2Building Construction	46.05%	0.02	0.12	0.00	0.00
C3	Site Preparation	2030	C3Site Preparation	100.00%	0.04	0.20	0.01	0.01
C3	Building Construction	2030	C3Building Construction	49.85%	0.01	0.06	0.00	0.00
D1	Building Construction	2030	D1Building Construction	50.00%	0.01	0.04	0.00	0.00
D1	Paving	2030	D1Paving	100.00%	0.01	0.04	0.00	0.00
D1	Arc. Coating	2030	D1Arc. Coating	29.22%	0.05	0.00	0.00	0.00
D4	Building Construction	2030	D4Building Construction	54.92%	0.01	0.06	0.00	0.00
H2	Building Construction	2030	H2Building Construction	47.52%	0.00	0.02	0.00	0.00
H2	Paving	2030	H2Paving	100.00%	0.01	0.03	0.00	0.00
H2	Arc. Coating	2030	H2Arc. Coating	100.00%	0.19	0.00	0.00	0.00
Excavation	3	2030	Excavation3	66.67%	0.34	1.57	0.04	0.04
C1	Building Construction	2031	C1Building Construction	45.42%	0.02	0.12	0.00	0.00
C1	Paving	2031	C1Paving	33.70%	0.01	0.04	0.00	0.00
C2	Building Construction	2031	C2Building Construction	24.42%	0.01	0.06	0.00	0.00
C2	Paving	2031	C2Paving	100.00%	0.02	0.09	0.00	0.00
C2	Arc. Coating	2031	C2Arc. Coating	100.00%	0.36	0.00	0.00	0.00
C3	Building Construction	2031	C3Building Construction	49.90%	0.01	0.06	0.00	0.00
C3	Paving	2031	C3Paving	100.00%	0.01	0.04	0.00	0.00
C3	Arc. Coating	2031	C3Arc. Coating	31.41%	0.09	0.00	0.00	0.00
D1	Arc. Coating	2031	D1Arc. Coating	68.49%	0.12	0.00	0.00	0.00
D4	Building Construction	2031	D4Building Construction	12.98%	0.00	0.01	0.00	0.00
D4	Paving	2031	D4Paving	100.00%	0.01	0.04	0.00	0.00
D4	Arc. Coating	2031	D4Arc. Coating	100.00%	0.37	0.00	0.00	0.00
Excavation	3	2031	Excavation3	33.33%	0.17	0.79	0.02	0.02
C1	Paving	2032	C1Paving	730.99%	0.15	0.82	0.02	0.02
C1	Arc. Coating	2032	C1Arc. Coating	100.00%	0.64	0.00	0.00	0.00
C3	Arc. Coating	2032	C3Arc. Coating	66.30%	0.20	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project
GHG - OffRoad Emissions Summary

Emissions By Project Phase **MT by block**

Year	CO2	CH4	CO2e
1	20,593	4	20,691
2A	6,153	1.20	6,183
2B	3,304	0.70	3,322
3	8,596	1.75	8,640

Emissions By Year **MT by year**

Year	CO2	CH4	CO2e
2021	1,308	0.30	1,316
2022	2,871	0.66	2,887
2023	4,020	0.92	4,043
2024	5,243	1.02	5,269
2025	4,768	0.77	4,788
2026	4,171	0.74	4,190
2027	2,854	0.51	2,867
2028	968	0.09	970
2029	5,099	1.13	5,127
2030	3,805	0.72	3,823
2031	2,158	0.40	2,168
2032	1,381	0.28	1,388

		MT/Phase		
Block	**Phase**	**CO2**	**CH4**	**CO2e**
A1	Site Preparation	723.23	0.18	728
A1	Building Construction	852.64	0.06	854
A1	Paving	233.76	0.06	235
A1	Arc. Coating	4.72	0.00	5
B1	Site Preparation	601.63	0.15	605
B1	Building Construction	700.32	0.05	702
B1	Paving	124.08	0.03	125
B1	Arc. Coating	1.82	0.00	2
C1	Site Preparation	905.97	0.23	912
C1	Building Construction	834.29	0.06	836
C1	Paving	188.27	0.04	189
C1	Arc. Coating	3.84	0.00	4
C2	Site Preparation	640.23	0.16	644
C2	Building Construction	745.16	0.06	747
C2	Paving	132.65	0.03	133
C2	Arc. Coating	1.72	0.00	2
C3	Site Preparation	255.51	0.06	257
C3	Building Construction	225.72	0.02	226
C3	Paving	49.81	0.01	50
C3	Arc. Coating	0.66	0.00	1
D1	Site Preparation	194.23	0.05	195
D1	Building Construction	181.09	0.02	181
D1	Paving	51.05	0.01	51
D1	Arc. Coating	0.71	0.00	1
D4	Site Preparation	513.51	0.13	517
D4	Building Construction	326.81	0.03	327
D4	Paving	61.73	0.01	62
D4	Arc. Coating	0.72	0.00	1
D5-D6	Site Preparation	198.45	0.05	200
D5-D6	Building Construction	220.74	0.02	221
D5-D6	Paving	56.51	0.01	57
D5-D6	Arc. Coating	1.02	0.00	1
D7	Site Preparation	330.63	0.08	333
D7	Building Construction	332.27	0.02	333
D7	Paving	57.99	0.01	58
D7	Arc. Coating	0.96	0.00	1
D8-D13	Site Preparation	356.45	0.09	359
D8-D13	Building Construction	955.24	0.14	959
D8-D13	Paving	111.67	0.03	112
D8-D13	Arc. Coating	1.84	0.00	2
E1.1	Site Preparation	416.51	0.10	419

E1.1	Building Construction	389.94	0.03	391
E1.1	Paving	51.03	0.01	51
E1.1	Arc. Coating	0.83	0.00	1
E1.2	Site Preparation	653.73	0.16	658
E1.2	Building Construction	799.09	0.05	800
E1.2	Paving	211.48	0.05	213
E1.2	Arc. Coating	5.32	0.00	5
F1-F2	Site Preparation	902.14	0.23	908
F1-F2	Building Construction	1016.27	0.06	1,018
F1-F2	Paving	291.57	0.07	293
F1-F2	Arc. Coating	5.23	0.00	5
F3	Site Preparation	182.61	0.05	184
F3	Building Construction	196.52	0.02	197
F3	Paving	51.50	0.01	52
F3	Arc. Coating	0.85	0.00	1
F4	Site Preparation	328.85	0.08	331
F4	Building Construction	343.56	0.02	344
F4	Paving	60.27	0.01	61
F4	Arc. Coating	1.05	0.00	1
F5	Site Preparation	251.78	0.06	253
F5	Building Construction	214.21	0.01	215
F5	Paving	71.23	0.02	72
F5	Arc. Coating	1.30	0.00	1
F6	Site Preparation	198.61	0.05	200
F6	Building Construction	170.60	0.01	171
F6	Paving	56.19	0.01	57
F6	Arc. Coating	1.02	0.00	1
G1	Site Preparation	229.56	0.06	231
G1	Building Construction	408.23	0.03	409
G1	Paving	57.84	0.01	58
G1	Arc. Coating	0.95	0.00	1
H1	Site Preparation	230.40	0.06	232
H1	Building Construction	259.17	0.02	260
H1	Paving	58.15	0.01	58
H1	Arc. Coating	1.01	0.00	1
H2	Site Preparation	174.27	0.04	175
H2	Building Construction	125.55	0.01	126
H2	Paving	48.89	0.01	49
H2	Arc. Coating	0.68	0.00	1
H3	Site Preparation	415.72	0.10	418
H3	Building Construction	652.96	0.04	654
H3	Paving	121.38	0.03	122
H3	Arc. Coating	4.11	0.00	4
H4	Site Preparation	269.74	0.07	271

H4	Building Construction	263.13	0.02	264
H4	Paving	49.24	0.01	50
H4	Arc. Coating	0.77	0.00	1
150 SM	Site Preparation	128.66	0.03	129
150 SM	Building Construction	233.32	0.03	234
150 SM	Paving	51.64	0.01	52
150 SM	Arc. Coating	0.90	0.00	1
40 SM	Site Preparation	112.62	0.03	113
40 SM	Building Construction	205.65	0.03	206
40 SM	Paving	45.33	0.01	46
40 SM	Arc. Coating	0.83	0.00	1
LTA B1-1	Paving	0.18	0.00	0
LTA B1-2	Paving	0.18	0.00	0
LTA B1-3	Paving	37.82	0.01	38
LTA B1-4	Paving	6.55	0.00	7
LTA B1-4	Paving	9.26	0.00	9
Excavation	1	7848.34	1.80	7,893
Excavation	2a	2334.05	0.56	2,348
Excavation	2b	1626.75	0.39	1,636
Excavation	3	3395.07	0.81	3,415

Block	(Multiple Items)

Row Labels	Sum of ROG	Sum of Nox	Sum of PM10	Sum of PM2.5	Sum of CO2e
2022	0.039181003	0.202611742	0.005177562	0.005176595	256.1089945
2023	0.216546231	1.096423762	0.031318379	0.031313058	1412.333913
2024	0.445845984	2.328886444	0.062811855	0.062804779	3953.16616
2025	1.192131011	2.021223652	0.054756677	0.054751782	4116.812578
2026	2.266036895	1.390207587	0.037530522	0.037528357	2848.115763
2027	2.13416892	1.410416936	0.037888266	0.03788495	2531.402343
2028	0.39986726	0.340082784	0.009551346	0.009551346	969.8448283
2029	1.38914645	2.343748698	0.062380139	0.062372049	3490.701574
2030	0.36790488	0.694777033	0.019050066	0.019049364	1546.108065
2031	1.027014012	0.46252203	0.012755163	0.012755163	1029.919174
2032	0.982710858	0.824324289	0.021965388	0.021965388	1387.614354
Grand Total	**10.4605535**	**13.11522496**	**0.355185363**	**0.355152832**	**23542.12775**

Block	Excavation

Row Labels	Sum of ROG	Sum of Nox	Sum of PM10	Sum of PM2.5	Sum of CO2e
2021	0.182486113	0.887730813	0.024523771	0.024521963	1315.567652
2022	0.364972226	1.775461627	0.049047542	0.049043926	2631.135304
2023	0.364972226	1.775461627	0.049047542	0.049043926	2631.135304
2024	0.182486113	0.887730813	0.024523771	0.024521963	1315.567652
2025	0.10330752	0.463622814	0.013142157	0.013140392	670.8712311
2026	0.20661504	0.927245629	0.026284314	0.026280784	1341.742462
2027	0.05165376	0.231811407	0.006571079	0.006570196	335.4356155
2029	0.244290461	1.128833304	0.031695918	0.031692363	1636.418366
2030	0.339721237	1.572088174	0.044121198	0.044116298	2276.843794
2031	0.169860618	0.786044087	0.022060599	0.022058149	1138.421897
Grand Total	**2.210365313**	**10.4360303**	**0.29101789**	**0.290989959**	**15293.13928**

Block	(Multiple Items)

Row Labels	Sum of ROG	Sum of Nox	Sum of PM10	Sum of PM2.5	Sum of CO2e
1	6.009852976	6.979649333	0.190431902	0.190413643	12797.4094
2A	1.676646507	2.103584988	0.056544039	0.056538558	3834.671307
2B	0.923170379	1.029190504	0.027322222	0.027319972	1685.335263
3	1.850883641	3.002800131	0.0808872	0.080880658	5224.711779
Grand Total	**10.4605535**	**13.11522496**	**0.355185363**	**0.355152832**	**23542.12775**

Block	Excavation

Row Labels	Sum of ROG	Sum of Nox	Sum of PM10	Sum of PM2.5	Sum of CO2e
1	1.094916677	5.32638488	0.147142625	0.147131778	7893.405912
2A	0.36157632	1.62267985	0.04599755	0.045991371	2348.049309
2B	0.244290461	1.128833304	0.031695918	0.031692363	1636.418366
3	0.509581855	2.358132262	0.066181797	0.066174447	3415.265692
Grand Total	**2.210365313**	**10.4360303**	**0.29101789**	**0.290989959**	**15293.13928**

Downtown West San Jose Mixed Use Project
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									Total (tons/phase)				
Phase	Block	N/A	Const. Subphase	Date	N/A	% Total	ROG	Nox	PM10	PM2.5	N/A	N/A	N/A
1	Excavation	Excavation1	1	2021	Excavation1	0.16666667	0.18	0.89	0.02	0.02			
1	F5	F5	Site Preparation	2022	F5Site Preparation	100.00%	0.04	0.20	0.01	0.01			
1	F5	F5	Building Construction	2022	F5Building Construction	1.28%	0.00	0.00	0.00	0.00			
1	Excavation	Excavation1	1	2022	Excavation1	33.33%	0.36	1.78	0.05	0.05			
1	D5-D6	D5-D6	Site Preparation	2023	D5-D6Site Preparation	100.00%	0.03	0.16	0.00	0.00			
1	D5-D6	D5-D6	Building Construction	2023	D5-D6Building Construction	4.17%	0.00	0.00	0.00	0.00			
1	D8-D13	D8-D13	Site Preparation	2023	D8-D13Site Preparation	100.00%	0.07	0.36	0.01	0.01			
1	D8-D13	D8-D13	Building Construction	2023	D8-D13Building Construction	6.66%	0.01	0.03	0.00	0.00			
1	E1.2	E1.2	Site Preparation	2023	E1.2Site Preparation	100.00%	0.10	0.51	0.01	0.01			
1	E1.2	E1.2	Building Construction	2023	E1.2Building Construction	3.65%	0.00	0.01	0.00	0.00			
1	F5	F5	Building Construction	2023	F5Building Construction	43.69%	0.01	0.03	0.00	0.00			
1	Excavation	Excavation1	1	2023	Excavation1	33.33%	0.36	1.78	0.05	0.05			
1	150 SM	150 SM	Site Preparation	2024	150 SMSite Preparation	100.00%	0.02	0.11	0.00	0.00			
1	150 SM	150 SM	Building Construction	2024	150 SMBuilding Construction	5.31%	0.00	0.01	0.00	0.00			
1	40 SM	40 SM	Site Preparation	2024	40 SMSite Preparation	100.00%	0.02	0.09	0.00	0.00			
1	40 SM	40 SM	Building Construction	2024	40 SMBuilding Construction	58.00%	0.01	0.05	0.00	0.00			
1	D5-D6	D5-D6	Building Construction	2024	D5-D6Building Construction	55.00%	0.01	0.05	0.00	0.00			
1	D8-D13	D8-D13	Building Construction	2024	D8-D13Building Construction	28.15%	0.02	0.12	0.00	0.00			
1	E1.1	E1.1	Site Preparation	2024	E1.1Site Preparation	100.00%	0.06	0.31	0.01	0.01			
1	E1.1	E1.1	Building Construction	2024	E1.1Building Construction	58.00%	0.01	0.07	0.00	0.00			
1	E1.2	E1.2	Building Construction	2024	E1.2Building Construction	53.02%	0.02	0.12	0.00	0.00			
1	F1-F2	F1-F2	Site Preparation	2024	F1-F2Site Preparation	100.00%	0.13	0.69	0.02	0.02			
1	F1-F2	F1-F2	Building Construction	2024	F1-F2Building Construction	20.35%	0.01	0.05	0.00	0.00			
1	F4	F4	Site Preparation	2024	F4Site Preparation	100.00%	0.05	0.25	0.01	0.01			
1	F4	F4	Building Construction	2024	F4Building Construction	20.35%	0.00	0.02	0.00	0.00			
1	F5	F5	Building Construction	2024	F5Building Construction	43.81%	0.01	0.03	0.00	0.00			
1	F6	F6	Site Preparation	2024	F6Site Preparation	100.00%	0.03	0.16	0.00	0.00			
1	F6	F6	Building Construction	2024	F6Building Construction	18.03%	0.00	0.01	0.00	0.00			
1	H1	H1	Site Preparation	2024	H1Site Preparation	100.00%	0.03	0.18	0.00	0.00			
1	H1	H1	Building Construction	2024	H1Building Construction	17.05%	0.00	0.01	0.00	0.00			
1	Excavation	Excavation1	1	2024	Excavation1	16.67%	0.18	0.89	0.02	0.02			
1	150 SM	150 SM	Building Construction	2025	150 SMBuilding Construction	59.28%	0.01	0.06	0.00	0.00			

Downtown West San Jose Mixed Use Project

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1	40 SM	40 SM	Building Construction	2025	40 SMBuilding Construction	41.76%	0.01	0.04	0.00	0.00
1	40 SM	40 SM	Paving	2025	40 SMPaving	100.00%	0.01	0.03	0.00	0.00
1	40 SM	40 SM	Arc. Coating	2025	40 SMArc. Coating	100.00%	0.01	0.00	0.00	0.00
1	D5-D6	D5-D6	Building Construction	2025	D5-D6Building Construction	40.39%	0.01	0.04	0.00	0.00
1	D5-D6	D5-D6	Paving	2025	D5-D6Paving	100.00%	0.01	0.04	0.00	0.00
1	D5-D6	D5-D6	Arc. Coating	2025	D5-D6Arc. Coating	100.00%	0.05	0.00	0.00	0.00
1	D7	D7	Site Preparation	2025	D7Site Preparation	100.00%	0.05	0.25	0.01	0.01
1	D7	D7	Building Construction	2025	D7Building Construction	17.05%	0.00	0.02	0.00	0.00
1	D8-D13	D8-D13	Building Construction	2025	D8-D13Building Construction	28.08%	0.02	0.12	0.00	0.00
1	E1.1	E1.1	Building Construction	2025	E1.1Building Construction	41.76%	0.01	0.05	0.00	0.00
1	E1.1	E1.1	Paving	2025	E1.1Paving	100.00%	0.01	0.03	0.00	0.00
1	E1.1	E1.1	Arc. Coating	2025	E1.1Arc. Coating	100.00%	0.49	0.00	0.00	0.00
1	E1.2	E1.2	Building Construction	2025	E1.2Building Construction	43.00%	0.02	0.09	0.00	0.00
1	E1.2	E1.2	Paving	2025	E1.2Paving	100.00%	0.03	0.15	0.00	0.00
1	E1.2	E1.2	Arc. Coating	2025	E1.2Arc. Coating	37.22%	0.22	0.00	0.00	0.00
1	F1-F2	F1-F2	Building Construction	2025	F1-F2Building Construction	51.15%	0.02	0.13	0.00	0.00
1	F3	F3	Site Preparation	2025	F3Site Preparation	100.00%	0.03	0.15	0.00	0.00
1	F3	F3	Building Construction	2025	F3Building Construction	40.16%	0.01	0.03	0.00	0.00
1	F4	F4	Building Construction	2025	F4Building Construction	51.15%	0.01	0.05	0.00	0.00
1	F5	F5	Building Construction	2025	F5Building Construction	10.80%	0.00	0.01	0.00	0.00
1	F5	F5	Paving	2025	F5Paving	100.00%	0.01	0.05	0.00	0.00
1	F5	F5	Arc. Coating	2025	F5Arc. Coating	100.00%	0.04	0.00	0.00	0.00
1	F6	F6	Building Construction	2025	F6Building Construction	54.85%	0.01	0.03	0.00	0.00
1	G1	G1	Site Preparation	2025	G1Site Preparation	100.00%	0.03	0.18	0.00	0.00
1	G1	G1	Building Construction	2025	G1Building Construction	43.50%	0.01	0.05	0.00	0.00
1	H1	H1	Building Construction	2025	H1Building Construction	52.94%	0.01	0.03	0.00	0.00
1	H3	H3	Site Preparation	2025	H3Site Preparation	100.00%	0.06	0.31	0.01	0.01
1	H3	H3	Building Construction	2025	H3Building Construction	15.26%	0.01	0.03	0.00	0.00
1	LTA B1-1	LTA B1-1	Paving	2025	LTA B1-1Paving	100.00%	0.00	0.00	0.00	0.00
1	LTA B1-2	LTA B1-2	Paving	2025	LTA B1-2Paving	100.00%	0.00	0.00	0.00	0.00
1	LTA B1-3	LTA B1-3	Paving	2025	LTA B1-3Paving	100.00%	0.00	0.03	0.00	0.00
1	LTA B1-4	LTA B1-4	Paving	2025	LTA B1-4Paving	100.00%	0.00	0.00	0.00	0.00
1	LTA B1-4	LTA B1-4	Paving	2025	LTA B1-4Paving	100.00%	0.00	0.00	0.00	0.00
2A	Excavation	Excavation2a	2a	2025	Excavation2a	28.57%	0.10	0.46	0.01	0.01
1	150 SM	150 SM	Building Construction	2026	150 SMBuilding Construction	35.02%	0.01	0.04	0.00	0.00
1	150 SM	150 SM	Paving	2026	150 SMPaving	100.00%	0.01	0.04	0.00	0.00
1	150 SM	150 SM	Arc. Coating	2026	150 SMArc. Coating	100.00%	0.01	0.00	0.00	0.00
2A	B1	B1	Site Preparation	2026	B1Site Preparation	100.00%	0.09	0.47	0.01	0.01
2A	B1	B1	Building Construction	2026	B1Building Construction	2.78%	0.00	0.01	0.00	0.00
1	D5-D6	D5-D6	Arc. Coating	2026	D5-D6Arc. Coating	0.00%	0.00	0.00	0.00	0.00
1	D7	D7	Building Construction	2026	D7Building Construction	52.94%	0.01	0.05	0.00	0.00
1	D8-D13	D8-D13	Building Construction	2026	D8-D13Building Construction	28.08%	0.02	0.12	0.00	0.00
1	E1.2	E1.2	Arc. Coating	2026	E1.2Arc. Coating	60.75%	0.36	0.00	0.00	0.00
1	F1-F2	F1-F2	Building Construction	2026	F1-F2Building Construction	28.11%	0.01	0.07	0.00	0.00
1	F1-F2	F1-F2	Paving	2026	F1-F2Paving	100.00%	0.04	0.21	0.01	0.01
1	F1-F2	F1-F2	Arc. Coating	2026	F1-F2Arc. Coating	100.00%	0.94	0.00	0.00	0.00
1	F3	F3	Building Construction	2026	F3Building Construction	59.28%	0.01	0.05	0.00	0.00
1	F4	F4	Building Construction	2026	F4Building Construction	28.11%	0.01	0.03	0.00	0.00
1	F4	F4	Paving	2026	F4Paving	100.00%	0.01	0.04	0.00	0.00
1	F4	F4	Arc. Coating	2026	F4Arc. Coating	100.00%	0.27	0.00	0.00	0.00
1	F6	F6	Building Construction	2026	F6Building Construction	26.67%	0.00	0.01	0.00	0.00
1	F6	F6	Paving	2026	F6Paving	100.00%	0.01	0.04	0.00	0.00
1	F6	F6	Arc. Coating	2026	F6Arc. Coating	100.00%	0.20	0.00	0.00	0.00
1	G1	G1	Building Construction	2026	G1Building Construction	53.06%	0.01	0.07	0.00	0.00
1	H1	H1	Building Construction	2026	H1Building Construction	29.67%	0.00	0.02	0.00	0.00
1	H1	H1	Paving	2026	H1Paving	100.00%	0.01	0.04	0.00	0.00

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Mitigated Criteria Pollutant Summary

1	H1	H1	Arc. Coating	2026	H1Arc. Coating	100.00%	0.23	0.00	0.00	0.00
1	H3	H3	Building Construction	2026	H3Building Construction	49.43%	0.02	0.09	0.00	0.00
2A	Excavation	Excavation2a	2a	2026	Excavation2a	57.14%	0.21	0.93	0.03	0.03
2A	A1	A1	Site Preparation	2027	A1Site Preparation	100.00%	0.11	0.56	0.01	0.01
2A	A1	A1	Building Construction	2027	A1Building Construction	26.39%	0.01	0.07	0.00	0.00
2A	B1	B1	Building Construction	2027	B1Building Construction	49.48%	0.02	0.12	0.00	0.00
1	D7	D7	Building Construction	2027	D7Building Construction	29.67%	0.01	0.03	0.00	0.00
1	D7	D7	Paving	2027	D7Paving	100.00%	0.01	0.04	0.00	0.00
1	D7	D7	Arc. Coating	2027	D7Arc. Coating	100.00%	0.29	0.00	0.00	0.00
1	D8-D13	D8-D13	Building Construction	2027	D8-D13Building Constructio	8.72%	0.01	0.04	0.00	0.00
1	D8-D13	D8-D13	Paving	2027	D8-D13Paving	100.00%	0.01	0.08	0.00	0.00
1	D8-D13	D8-D13	Arc. Coating	2027	D8-D13Arc. Coating	100.00%	0.03	0.00	0.00	0.00
1	F3	F3	Building Construction	2027	F3Building Construction	0.16%	0.00	0.00	0.00	0.00
1	F3	F3	Paving	2027	F3Paving	100.00%	0.01	0.04	0.00	0.00
1	F3	F3	Arc. Coating	2027	F3Arc. Coating	100.00%	0.43	0.00	0.00	0.00
1	G1	G1	Building Construction	2027	G1Building Construction	3.06%	0.00	0.00	0.00	0.00
1	G1	G1	Paving	2027	G1Paving	100.00%	0.01	0.04	0.00	0.00
1	G1	G1	Arc. Coating	2027	G1Arc. Coating	100.00%	0.43	0.00	0.00	0.00
1	H3	H3	Building Construction	2027	H3Building Construction	35.04%	0.01	0.06	0.00	0.00
1	H3	H3	Paving	2027	H3Paving	100.00%	0.02	0.09	0.00	0.00
1	H3	H3	Arc. Coating	2027	H3Arc. Coating	100.00%	0.70	0.00	0.00	0.00
2A	H4	H4	Site Preparation	2027	H4Site Preparation	100.00%	0.04	0.21	0.01	0.01
2A	H4	H4	Building Construction	2027	H4Building Construction	46.95%	0.01	0.04	0.00	0.00
2A	Excavation	Excavation2a	2a	2027	Excavation2a	14.29%	0.05	0.23	0.01	0.01
2A	A1	A1	Building Construction	2028	A1Building Construction	47.95%	0.02	0.12	0.00	0.00
2A	B1	B1	Building Construction	2028	B1Building Construction	47.44%	0.02	0.11	0.00	0.00
2A	B1	B1	Paving	2028	B1Paving	30.17%	0.00	0.03	0.00	0.00
2A	H4	H4	Building Construction	2028	H4Building Construction	52.88%	0.01	0.05	0.00	0.00
2A	H4	H4	Paving	2028	H4Paving	100.00%	0.01	0.03	0.00	0.00
2A	H4	H4	Arc. Coating	2028	H4Arc. Coating	100.00%	0.34	0.00	0.00	0.00
2A	A1	A1	Building Construction	2029	A1Building Construction	25.40%	0.01	0.06	0.00	0.00
2A	A1	A1	Paving	2029	A1Paving	100.00%	0.03	0.17	0.00	0.00
2A	A1	A1	Arc. Coating	2029	A1Arc. Coating	100.00%	0.57	0.00	0.00	0.00
2A	B1	B1	Paving	2029	B1Paving	68.57%	0.01	0.06	0.00	0.00
2A	B1	B1	Arc. Coating	2029	B1Arc. Coating	100.00%	0.37	0.00	0.00	0.00
3	C1	C1	Site Preparation	2029	C1Site Preparation	100.00%	0.14	0.69	0.02	0.02
3	C1	C1	Building Construction	2029	C1Building Construction	6.32%	0.00	0.02	0.00	0.00
3	C2	C2	Site Preparation	2029	C2Site Preparation	100.00%	0.10	0.50	0.01	0.01
3	C2	C2	Building Construction	2029	C2Building Construction	25.43%	0.01	0.07	0.00	0.00
2B	D1	D1	Site Preparation	2029	D1Site Preparation	100.00%	0.03	0.16	0.00	0.00
2B	D1	D1	Building Construction	2029	D1Building Construction	49.77%	0.01	0.04	0.00	0.00
2B	D4	D4	Site Preparation	2029	D4Site Preparation	100.00%	0.07	0.38	0.01	0.01
2B	D4	D4	Building Construction	2029	D4Building Construction	31.79%	0.01	0.04	0.00	0.00
2B	H2	H2	Site Preparation	2029	H2Site Preparation	100.00%	0.03	0.14	0.00	0.00
2B	H2	H2	Building Construction	2029	H2Building Construction	52.29%	0.00	0.02	0.00	0.00
2A	H4	H4	Arc. Coating	2029	H4Arc. Coating	0.00%	0.00	0.00	0.00	0.00
2B	Excavation	Excavation2b	2b	2029	Excavation2b	100.00%	0.24	1.13	0.03	0.03
3	C1	C1	Building Construction	2030	C1Building Construction	47.92%	0.02	0.12	0.00	0.00
3	C2	C2	Building Construction	2030	C2Building Construction	46.05%	0.02	0.12	0.00	0.00
3	C3	C3	Site Preparation	2030	C3Site Preparation	100.00%	0.04	0.20	0.01	0.01
3	C3	C3	Building Construction	2030	C3Building Construction	49.85%	0.01	0.06	0.00	0.00
2B	D1	D1	Building Construction	2030	D1Building Construction	50.00%	0.01	0.04	0.00	0.00
2B	D1	D1	Paving	2030	D1Paving	100.00%	0.01	0.04	0.00	0.00
2B	D1	D1	Arc. Coating	2030	D1Arc. Coating	29.22%	0.05	0.00	0.00	0.00
2B	D4	D4	Building Construction	2030	D4Building Construction	54.92%	0.01	0.06	0.00	0.00
2B	H2	H2	Building Construction	2030	H2Building Construction	47.52%	0.00	0.02	0.00	0.00
2B	H2	H2	Paving	2030	H2Paving	100.00%	0.01	0.03	0.00	0.00
2B	H2	H2	Arc. Coating	2030	H2Arc. Coating	100.00%	0.19	0.00	0.00	0.00
3	Excavation	Excavation3	3	2030	Excavation3	66.67%	0.34	1.57	0.04	0.04
3	C1	C1	Building Construction	2031	C1Building Construction	45.42%	0.02	0.12	0.00	0.00
3	C1	C1	Paving	2031	C1Paving	33.70%	0.01	0.04	0.00	0.00
3	C2	C2	Building Construction	2031	C2Building Construction	24.42%	0.01	0.06	0.00	0.00
3	C2	C2	Paving	2031	C2Paving	100.00%	0.02	0.09	0.00	0.00
3	C2	C2	Arc. Coating	2031	C2Arc. Coating	100.00%	0.36	0.00	0.00	0.00
3	C3	C3	Building Construction	2031	C3Building Construction	49.90%	0.01	0.06	0.00	0.00
3	C3	C3	Paving	2031	C3Paving	100.00%	0.01	0.04	0.00	0.00
3	C3	C3	Arc. Coating	2031	C3Arc. Coating	31.41%	0.09	0.00	0.00	0.00
2B	D1	D1	Arc. Coating	2031	D1Arc. Coating	68.49%	0.12	0.00	0.00	0.00
2B	D4	D4	Building Construction	2031	D4Building Construction	12.98%	0.00	0.01	0.00	0.00
2B	D4	D4	Paving	2031	D4Paving	100.00%	0.01	0.04	0.00	0.00
2B	D4	D4	Arc. Coating	2031	D4Arc. Coating	100.00%	0.37	0.00	0.00	0.00
3	Excavation	Excavation3	3	2031	Excavation3	33.33%	0.17	0.79	0.02	0.02
3	C1	C1	Paving	2032	C1Paving	730.99%	0.15	0.82	0.02	0.02
3	C1	C1	Arc. Coating	2032	C1Arc. Coating	100.00%	0.64	0.00	0.00	0.00
3	C3	C3	Arc. Coating	2032	C3Arc. Coating	66.30%	0.20	0.00	0.00	0.00

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

Block	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MT/Phase CO2	CH4	CO2e
Excavation													1,308	0.30	1,316
F5													252	0.06	253
F5													3	0.00	3
Excavation													2,616	0.60	2,631
D5-D6													198	0.05	200
D5-D6													9	0.00	9
D8-D13													356	0.09	359
D8-D13													64	0.01	64
E1.2													654	0.16	658
E1.2													29	0.00	29
F5													94	0.01	94
Excavation													2,616	0.60	2,631
150 SM													129	0.03	129
150 SM													12	0.00	12
40 SM													113	0.03	113
40 SM													119	0.02	120
D5-D6													121	0.01	122
D8-D13													269	0.04	270
E1.1													417	0.10	419
E1.1													226	0.02	227
E1.2													424	0.03	424
F1-F2													902	0.23	908
F1-F2													207	0.01	207
F4													329	0.08	331
F4													70	0.00	70
F5													94	0.01	94
F6													199	0.05	200
F6													31	0.00	31
H1													230	0.06	232
H1													44	0.00	44
Excavation													1,308	0.30	1,316
150 SM													138	0.02	139

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

40 SM	86	0.01	86
40 SM	45	0.01	46
40 SM	1	0.00	1
D5-D6	89	0.01	89
D5-D6	57	0.01	57
D5-D6	1	0.00	1
D7	331	0.08	333
D7	57	0.00	57
D8-D13	268	0.04	269
E1.1	163	0.01	163
E1.1	51	0.01	51
E1.1	1	0.00	1
E1.2	344	0.02	344
E1.2	211	0.05	213
E1.2	2	0.00	2
F1-F2	520	0.03	521
F3	183	0.05	184
F3	79	0.01	79
F4	176	0.01	176
F5	23	0.00	23
F5	71	0.02	72
F5	1	0.00	1
F6	94	0.01	94
G1	230	0.06	231
G1	178	0.01	178
H1	137	0.01	137
H3	416	0.10	418
H3	100	0.01	100
LTA B1-1	0	0.00	0
LTA B1-2	0	0.00	0
LTA B1-3	38	0.01	38
LTA B1-4	7	0.00	7
LTA B1-4	7	0.00	7
Excavation	667	0.16	671
150 SM	82	0.01	82
150 SM	52	0.01	52
150 SM	1	0.00	1
B1	602	0.15	605
B1	19	0.00	19
D5-D6	0	0.00	0
D7	176	0.01	176
D8-D13	268	0.04	269
E1.2	3	0.00	3
F1-F2	286	0.02	286
F1-F2	292	0.07	293
F1-F2	5	0.00	5
F3	117	0.01	117
F4	97	0.01	97
F4	60	0.01	61
F4	1	0.00	1
F6	46	0.00	46
F6	56	0.01	57
F6	1	0.00	1
G1	217	0.02	217
H1	77	0.00	77
H1	58	0.01	58

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

H1	1	0.00	1
H3	323	0.02	323
Excavation	1,334	0.32	1,342
A1	723	0.18	728
A1	225	0.02	225
B1	347	0.03	347
D7	99	0.01	99
D7	58	0.01	58
D7	1	0.00	1
D8-D13	83	0.01	84
D8-D13	112	0.03	112
D8-D13	2	0.00	2
F3	0	0.00	0
F3	51	0.01	52
F3	1	0.00	1
G1	12	0.00	13
G1	58	0.01	58
G1	1	0.00	1
H3	229	0.01	229
H3	121	0.03	122
H3	4	0.00	4
H4	270	0.07	271
H4	124	0.01	124
Excavation	333	0.08	335
A1	409	0.03	410
B1	332	0.03	333
B1	37	0.01	38
H4	139	0.01	139
H4	49	0.01	50
H4	1	0.00	1
A1	217	0.02	217
A1	234	0.06	235
A1	5	0.00	5
B1	85	0.02	86
B1	2	0.00	2
C1	906	0.23	912
C1	53	0.00	53
C2	640	0.16	644
C2	189	0.02	190
D1	194	0.05	195
D1	90	0.01	90
D4	514	0.13	517
D4	104	0.01	104
H2	174	0.04	175
H2	66	0.01	66
H4	0	0.00	0
Excavation	1,627	0.39	1,636
C1	400	0.03	401
C2	343	0.03	344
C3	256	0.06	257
C3	113	0.01	113
D1	91	0.01	91
D1	51	0.01	51
D1	0	0.00	0
D4	179	0.01	180
H2	60	0.00	60
H2	49	0.01	49
H2	1	0.00	1
Excavation	2,263	0.54	2,277
C1	379	0.03	380
C1	63	0.01	64
C2	182	0.02	182
C2	133	0.03	133
C2	2	0.00	2
C3	113	0.01	113
C3	50	0.01	50
C3	0	0.00	0
D1	0	0.00	0
D4	42	0.00	42
D4	62	0.01	62
D4	1	0.00	1
Excavation	1,132	0.27	1,138
C1	1,376	0.28	1,383
C1	4	0.00	4
C3	0	0.00	0
			38,835

Downtown West San Jose Mixed Use Project
Mitigated Criteria Pollutant Summary

Emissions by Construction Phase

Block	Phase	Start Date		End Date	ROG	Nox	Total (tons/phase) PM10	PM2.5
A1	Site Preparation	4/1/2027	A1Site Preparation	6/13/2027	0.11	0.56	0.01	0.01
A1	Building Construction	6/13/2027	A1Building Construction	7/13/2029	0.05	0.25	0.01	0.01
A1	Paving	7/13/2029	A1Paving	9/6/2029	0.03	0.17	0.00	0.00
A1	Arc. Coating	9/6/2029	A1Arc. Coating	10/31/2029	0.57	0.00	0.00	0.00
B1	Site Preparation	10/1/2026	B1Site Preparation	12/10/2026	0.09	0.47	0.01	0.01
B1	Building Construction	12/10/2026	B1Building Construction	12/15/2028	0.04	0.23	0.01	0.01
B1	Paving	12/15/2028	B1Paving	2/6/2029	0.02	0.09	0.00	0.00
B1	Arc. Coating	2/6/2029	B1Arc. Coating	3/31/2029	0.37	0.00	0.00	0.00
C1	Site Preparation	9/1/2029	C1Site Preparation	11/12/2029	0.14	0.69	0.02	0.02
C1	Building Construction	11/12/2029	C1Building Construction	12/12/2031	0.05	0.25	0.01	0.01
C1	Paving	11/12/2029	C1Paving	12/12/2031	0.02	0.11	0.00	0.00
C1	Arc. Coating	2/5/2032	C1Arc. Coating	3/31/2032	0.64	0.00	0.00	0.00
C2	Site Preparation	4/1/2029	C2Site Preparation	6/13/2029	0.10	0.50	0.01	0.01
C2	Building Construction	6/13/2029	C2Building Construction	7/13/2031	0.05	0.26	0.01	0.01
C2	Paving	7/13/2031	C2Paving	9/6/2031	0.02	0.09	0.00	0.00
C2	Arc. Coating	9/6/2031	C2Arc. Coating	10/31/2031	0.36	0.00	0.00	0.00
C3	Site Preparation	1/1/2030	C3Site Preparation	2/28/2030	0.04	0.20	0.01	0.01
C3	Building Construction	2/28/2030	C3Building Construction	11/3/2031	0.02	0.12	0.00	0.00
C3	Paving	11/3/2031	C3Paving	12/17/2031	0.01	0.04	0.00	0.00
C3	Arc. Coating	12/17/2031	C3Arc. Coating	1/30/2032	0.30	0.00	0.00	0.00
D1	Site Preparation	1/1/2029	D1Site Preparation	2/28/2029	0.03	0.16	0.00	0.00
D1	Building Construction	2/28/2029	D1Building Construction	11/4/2030	0.01	0.08	0.00	0.00
D1	Paving	11/4/2030	D1Paving	12/18/2030	0.01	0.04	0.00	0.00
D1	Arc. Coating	12/18/2030	D1Arc. Coating	1/31/2031	0.17	0.00	0.00	0.00
D4	Site Preparation	4/1/2029	D4Site Preparation	6/3/2029	0.07	0.38	0.01	0.01
D4	Building Construction	6/3/2029	D4Building Construction	3/28/2031	0.02	0.11	0.00	0.00
D4	Paving	3/28/2031	D4Paving	5/14/2031	0.01	0.04	0.00	0.00
D4	Arc. Coating	5/14/2031	D4Arc. Coating	7/1/2031	0.37	0.00	0.00	0.00
D5-D6	Site Preparation	10/1/2023	D5-D6Site Preparation	12/3/2023	0.03	0.16	0.00	0.00
D5-D6	Building Construction	12/3/2023	D5-D6Building Construction	9/26/2025	0.02	0.09	0.00	0.00
D5-D6	Paving	9/26/2025	D5-D6Paving	11/13/2025	0.01	0.04	0.00	0.00
D5-D6	Arc. Coating	11/13/2025	D5-D6Arc. Coating	12/31/2025	0.05	0.00	0.00	0.00
D7	Site Preparation	7/1/2025	D7Site Preparation	9/4/2025	0.05	0.25	0.01	0.01
D7	Building Construction	9/4/2025	D7Building Construction	7/24/2027	0.02	0.10	0.00	0.00
D7	Paving	7/24/2027	D7Paving	9/11/2027	0.01	0.04	0.00	0.00
D7	Arc. Coating	9/11/2027	D7Arc. Coating	10/31/2027	0.29	0.00	0.00	0.00
D8-D13	Site Preparation	6/1/2023	D8-D13Site Preparation	10/5/2023	0.07	0.36	0.01	0.01
D8-D13	Building Construction	10/5/2023	D8-D13Building Construction	4/24/2027	0.08	0.43	0.01	0.01
D8-D13	Paving	4/24/2027	D8-D13Paving	7/28/2027	0.01	0.08	0.00	0.00
D8-D13	Arc. Coating	7/28/2027	D8-D13Arc. Coating	10/31/2027	0.03	0.00	0.00	0.00
E1.1	Site Preparation	1/1/2024	E1.1Site Preparation	2/21/2024	0.06	0.31	0.01	0.01
E1.1	Building Construction	2/21/2024	E1.1Building Construction	8/15/2025	0.02	0.12	0.00	0.00
E1.1	Paving	8/15/2025	E1.1Paving	9/22/2025	0.01	0.03	0.00	0.00
E1.1	Arc. Coating	9/22/2025	E1.1Arc. Coating	10/31/2025	0.49	0.00	0.00	0.00
E1.2	Site Preparation	10/1/2023	E1.2Site Preparation	12/5/2023	0.10	0.51	0.01	0.01
E1.2	Building Construction	12/5/2023	E1.2Building Construction	10/24/2025	0.04	0.22	0.01	0.01
E1.2	Paving	10/24/2025	E1.2Paving	12/12/2025	0.03	0.15	0.00	0.00

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

E1.2	Arc. Coating	12/12/2025	E1.2Arc. Coating	1/31/2026	0.59	0.00	0.00	0.00
F1-F2	Site Preparation	6/1/2024	F1-F2Site Preparation	8/8/2024	0.13	0.69	0.02	0.02
F1-F2	Building Construction	8/8/2024	F1-F2Building Construction	7/20/2026	0.05	0.25	0.01	0.01
F1-F2	Paving	7/20/2026	F1-F2Paving	9/9/2026	0.04	0.21	0.01	0.01
F1-F2	Arc. Coating	9/9/2026	F1-F2Arc. Coating	10/31/2026	0.94	0.00	0.00	0.00
F3	Site Preparation	3/1/2025	F3Site Preparation	4/28/2025	0.03	0.15	0.00	0.00
F3	Building Construction	4/28/2025	F3Building Construction	1/2/2027	0.01	0.08	0.00	0.00
F3	Paving	1/2/2027	F3Paving	2/15/2027	0.01	0.04	0.00	0.00
F3	Arc. Coating	2/15/2027	F3Arc. Coating	3/31/2027	0.43	0.00	0.00	0.00
F4	Site Preparation	6/1/2024	F4Site Preparation	8/8/2024	0.05	0.25	0.01	0.01
F4	Building Construction	8/8/2024	F4Building Construction	7/20/2026	0.02	0.11	0.00	0.00
F4	Paving	7/20/2026	F4Paving	9/9/2026	0.01	0.04	0.00	0.00
F4	Arc. Coating	9/9/2026	F4Arc. Coating	10/31/2026	0.27	0.00	0.00	0.00
F5	Site Preparation	10/1/2022	F5Site Preparation	12/20/2022	0.04	0.20	0.01	0.01
F5	Building Construction	12/20/2022	F5Building Construction	4/1/2025	0.01	0.06	0.00	0.00
F5	Paving	4/1/2025	F5Paving	5/31/2025	0.01	0.05	0.00	0.00
F5	Arc. Coating	5/31/2025	F5Arc. Coating	7/31/2025	0.04	0.00	0.00	0.00
F6	Site Preparation	7/1/2024	F6Site Preparation	9/2/2024	0.03	0.16	0.00	0.00
F6	Building Construction	9/2/2024	F6Building Construction	6/27/2026	0.01	0.05	0.00	0.00
F6	Paving	6/27/2026	F6Paving	8/14/2026	0.01	0.04	0.00	0.00
F6	Arc. Coating	8/14/2026	F6Arc. Coating	10/1/2026	0.20	0.00	0.00	0.00
G1	Site Preparation	1/1/2025	G1Site Preparation	3/7/2025	0.03	0.18	0.00	0.00
G1	Building Construction	3/7/2025	G1Building Construction	1/22/2027	0.02	0.13	0.00	0.00
G1	Paving	1/22/2027	G1Paving	3/12/2027	0.01	0.04	0.00	0.00
G1	Arc. Coating	3/12/2027	G1Arc. Coating	5/1/2027	0.43	0.00	0.00	0.00
H1	Site Preparation	7/1/2024	H1Site Preparation	9/4/2024	0.03	0.18	0.00	0.00
H1	Building Construction	9/4/2024	H1Building Construction	7/24/2026	0.01	0.06	0.00	0.00
H1	Paving	7/24/2026	H1Paving	9/11/2026	0.01	0.04	0.00	0.00
H1	Arc. Coating	9/11/2026	H1Arc. Coating	10/31/2026	0.23	0.00	0.00	0.00
H2	Site Preparation	1/1/2029	H2Site Preparation	2/25/2029	0.03	0.14	0.00	0.00
H2	Building Construction	2/25/2029	H2Building Construction	10/8/2030	0.01	0.04	0.00	0.00
H2	Paving	10/8/2030	H2Paving	11/19/2030	0.01	0.03	0.00	0.00
H2	Arc. Coating	11/19/2030	H2Arc. Coating	12/31/2030	0.19	0.00	0.00	0.00
H3	Site Preparation	7/1/2025	H3Site Preparation	9/9/2025	0.06	0.31	0.01	0.01
H3	Building Construction	9/9/2025	H3Building Construction	9/16/2027	0.03	0.18	0.01	0.01
H3	Paving	9/16/2027	H3Paving	11/8/2027	0.02	0.09	0.00	0.00
H3	Arc. Coating	11/8/2027	H3Arc. Coating	12/31/2027	0.70	0.00	0.00	0.00
H4	Site Preparation	2/1/2027	H4Site Preparation	3/29/2027	0.04	0.21	0.01	0.01
H4	Building Construction	3/29/2027	H4Building Construction	11/8/2028	0.02	0.09	0.00	0.00
H4	Paving	11/8/2028	H4Paving	12/20/2028	0.01	0.03	0.00	0.00
H4	Arc. Coating	12/20/2028	H4Arc. Coating	1/31/2029	0.34	0.00	0.00	0.00
150 SM	Site Preparation	10/1/2024	150 SMSite Preparation	11/28/2024	0.02	0.11	0.00	0.00
150 SM	Building Construction	11/28/2024	150 SMBuilding Constructio	8/4/2026	0.02	0.10	0.00	0.00
150 SM	Paving	8/4/2026	150 SMPaving	9/17/2026	0.01	0.04	0.00	0.00
150 SM	Arc. Coating	9/17/2026	150 SMArc. Coating	10/31/2026	0.01	0.00	0.00	0.00
40 SM	Site Preparation	1/1/2024	40 SMSite Preparation	2/21/2024	0.02	0.09	0.00	0.00
40 SM	Building Construction	2/21/2024	40 SMBuilding Construction	8/15/2025	0.02	0.09	0.00	0.00
40 SM	Paving	8/15/2025	40 SMPaving	9/22/2025	0.01	0.03	0.00	0.00
40 SM	Arc. Coating	9/22/2025	40 SMArc. Coating	10/31/2025	0.01	0.00	0.00	0.00
LTA B1-1	Paving	7/1/2025	LTA B1-1Paving	7/6/2025	0.00	0.00	0.00	0.00
LTA B1-2	Paving	7/8/2025	LTA B1-2Paving	7/13/2025	0.00	0.00	0.00	0.00
LTA B1-3	Paving	7/15/2025	LTA B1-3Paving	8/12/2025	0.00	0.03	0.00	0.00
LTA B1-4	Paving	8/13/2025	LTA B1-4Paving	8/23/2025	0.00	0.00	0.00	0.00
LTA B1-4	Paving	8/24/2025	LTA B1-4Paving	9/3/2025	0.00	0.01	0.00	0.00
Excavation	1	7/1/2021	Excavation1	7/1/2024	1.09	5.33	0.15	0.15
Excavation	2a	7/1/2025	Excavation2a	4/1/2027	0.36	1.62	0.05	0.05
Excavation	2b	1/1/2029	Excavation2b	1/1/2030	0.24	1.13	0.03	0.03
Excavation	3	1/1/2030	Excavation3	7/1/2031	0.51	2.36	0.07	0.07

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

Emissions by C	Fugitive Dust (tons/phase)		AC	Paving	Off Road (tons/phase)				Total MT/Phase			
Block	PM10	PM2.5	ROG	ROG	ROG	Nox	PM10	PM2.5	CO2	CH4	CO2e	CO2
A1	0.00	0.00			0.11086	0.56255	0.01488	0.01488	723	0.18	728	711
A1					0.04825	0.25464	0.00725	0.00725	853	0.06	854	389
A1					0.03026	0.16952	0.00452	0.00452	234	0.06	235	229
A1			0.57	0	0.00000	0.00000	0.00000	0.00000	5	0.00	5	0
B1	0.00	0.00			0.09021	0.46811	0.01223	0.01223	602	0.15	605	589
B1					0.04373	0.23356	0.00662	0.00662	700	0.05	702	354
B1					0.01557	0.08632	0.00231	0.00231	124	0.03	125	118
B1			0.37	0	0.00000	0.00000	0.00000	0.00000	2	0.00	2	0
C1	0.00	0.00			0.13613	0.69143	0.01864	0.01864	906	0.23	912	889
C1					0.04815	0.25411	0.00723	0.00723	834	0.06	836	389
C1					0.02013	0.11277	0.00300	0.00300	188	0.04	189	153
C1			0.61	0.026731	0.00000	0.00000	0.00000	0.00000	4	0.00	4	0
C2	0.00	0.00			0.09609	0.49645	0.01299	0.01299	640	0.16	644	625
C2					0.05010	0.26441	0.00753	0.00753	745	0.06	747	404
C2					0.01679	0.09307	0.00249	0.00249	133	0.03	133	127
C2			0.31	0.043144	0.00000	0.00000	0.00000	0.00000	2	0.00	2	0
C3	0.00	0.00			0.03815	0.20002	0.00516	0.00516	256	0.06	257	254
C3					0.02072	0.11731	0.00326	0.00326	226	0.02	226	169
C3					0.00644	0.03567	0.00095	0.00095	50	0.01	50	49
C3			0.29	0.007503	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
D1	0.00	0.00			0.02998	0.15609	0.00399	0.00399	194	0.05	195	192
D1					0.01463	0.08180	0.00228	0.00228	181	0.02	181	119
D1					0.00644	0.03572	0.00096	0.00096	51	0.01	51	49
D1			0.15	0.018758	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
D4	0.00	0.00			0.07303	0.38349	0.01007	0.01007	514	0.13	517	507
D4					0.02100	0.11086	0.00316	0.00316	327	0.03	327	170
D4					0.00770	0.04288	0.00114	0.00114	62	0.01	62	58
D4			0.35	0.025793	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
D5-D6	0.00	0.00			0.03079	0.15920	0.00407	0.00407	198	0.05	200	195
D5-D6					0.01582	0.08840	0.00246	0.00246	221	0.02	221	129
D5-D6					0.00699	0.03875	0.00104	0.00104	57	0.01	57	53
D5-D6			0.03	0.025793	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
D7	0.00	0.00			0.04918	0.25388	0.00673	0.00673	331	0.08	333	324
D7					0.01909	0.10331	0.00291	0.00291	332	0.02	333	155
D7					0.00726	0.04022	0.00108	0.00108	58	0.01	58	55
D7			0.27	0.017351	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
D8-D13	0.00	0.00			0.07343	0.36280	0.01198	0.01198	356	0.09	359	350
D8-D13					0.07952	0.43329	0.01161	0.01161	955	0.14	959	611
D8-D13					0.01398	0.07746	0.00207	0.00207	112	0.03	112	106
D8-D13			0.03	0	0.00000	0.00000	0.00000	0.00000	2	0.00	2	0
E1.1	0.00	0.00			0.05900	0.30980	0.00813	0.00813	417	0.10	419	409
E1.1					0.02254	0.12197	0.00344	0.00344	390	0.03	391	183
E1.1					0.00622	0.03464	0.00092	0.00092	51	0.01	51	47
E1.1			0.46	0.032827	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
E1.2	0.00	0.00			0.09982	0.50654	0.01340	0.01339	654	0.16	658	640
E1.2					0.04093	0.21857	0.00619	0.00619	799	0.05	800	331
E1.2					0.02724	0.15264	0.00407	0.00407	211	0.05	213	207

Downtown West San Jose Mixed Use Project

Mitigated Criteria Pollutant Summary

E1.2			0.52	0.070343	0.00000	0.00000	0.00000	0.00000	5	0.00	5	0
F1-F2	0.00	0.00			0.13465	0.68789	0.01851	0.01850	902	0.23	908	887
F1-F2					0.04790	0.25017	0.00715	0.00715	1,016	0.06	1,018	386
F1-F2					0.03761	0.21070	0.00561	0.00561	292	0.07	293	285
F1-F2			0.87	0.067999	0.00000	0.00000	0.00000	0.00000	5	0.00	5	0
F3	0.00	0.00			0.02838	0.14673	0.00375	0.00375	183	0.05	184	180
F3					0.01463	0.08180	0.00228	0.00228	197	0.02	197	119
F3					0.00644	0.03572	0.00096	0.00096	51	0.01	52	49
F3			0.42	0.011724	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
F4	0.00	0.00			0.04833	0.25387	0.00656	0.00656	329	0.08	331	325
F4					0.01976	0.10691	0.00302	0.00302	344	0.02	344	160
F4					0.00752	0.04169	0.00112	0.00112	60	0.01	61	57
F4			0.24	0.023448	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
F5	0.00	0.00			0.03903	0.20181	0.00515	0.00515	252	0.06	253	247
F5					0.01157	0.06259	0.00177	0.00177	214	0.01	215	94
F5					0.00886	0.04913	0.00131	0.00131	71	0.02	72	67
F5			0.04	0.001876	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
F6	0.00	0.00			0.03079	0.15920	0.00407	0.00407	199	0.05	200	195
F6					0.00921	0.04985	0.00141	0.00141	171	0.01	171	75
F6					0.00699	0.03875	0.00104	0.00104	56	0.01	57	53
F6			0.19	0.016413	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
G1	0.00	0.00			0.03481	0.18194	0.00466	0.00466	230	0.06	231	224
G1					0.02444	0.12642	0.00363	0.00363	408	0.03	409	197
G1					0.00724	0.04012	0.00107	0.00107	58	0.01	58	55
G1			0.42	0.005627	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
H1	0.00	0.00			0.03489	0.18238	0.00467	0.00467	230	0.06	232	224
H1					0.01225	0.06336	0.00182	0.00182	259	0.02	260	98
H1					0.00726	0.04022	0.00108	0.00108	58	0.01	58	55
H1			0.22	0.009379	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
H2	0.00	0.00			0.02718	0.14050	0.00359	0.00359	174	0.04	175	172
H2					0.00818	0.04426	0.00125	0.00125	126	0.01	126	66
H2					0.00617	0.03420	0.00091	0.00091	49	0.01	49	47
H2			0.17	0.014069	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
H3	0.00	0.00			0.06483	0.31319	0.00862	0.00862	416	0.10	418	400
H3					0.03356	0.17849	0.00507	0.00507	653	0.04	654	271
H3					0.01559	0.08641	0.00231	0.00231	121	0.03	122	118
H3			0.63	0.065654	0.00000	0.00000	0.00000	0.00000	4	0.00	4	0
H4	0.00	0.00			0.03971	0.20858	0.00539	0.00539	270	0.07	271	267
H4					0.01638	0.08864	0.00250	0.00250	263	0.02	264	133
H4					0.00618	0.03425	0.00092	0.00092	49	0.01	50	47
H4			0.31	0.03142	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
150 SM	0.00	0.00			0.02085	0.10703	0.00321	0.00320	129	0.03	129	124
150 SM					0.01883	0.10261	0.00275	0.00275	233	0.03	234	145
150 SM					0.00644	0.03572	0.00096	0.00096	52	0.01	52	49
150 SM			0.01	0	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
40 SM	0.00	0.00			0.01825	0.09368	0.00281	0.00281	113	0.03	113	108
40 SM					0.01660	0.09044	0.00242	0.00242	206	0.03	206	128
40 SM					0.00564	0.03127	0.00084	0.00084	45	0.01	46	43
40 SM			0.01	0	0.00000	0.00000	0.00000	0.00000	1	0.00	1	0
LTA B1-1	0.00	0.00		0	0.00005	0.00001	0.00000	0.00000	0	0.00	0	0
LTA B1-2	0.00	0.00		0	0.00005	0.00001	0.00000	0.00000	0	0.00	0	0
LTA B1-3	0.00	0.00		0	0.00481	0.02586	0.00069	0.00069	38	0.01	38	36
LTA B1-4	0.00	0.00		0	0.00080	0.00465	0.00012	0.00012	7	0.00	7	6
LTA B1-4	0.00	0.00		0	0.00114	0.00670	0.00017	0.00017	9	0.00	9	9
Excavation	0.92	0.10			1.09492	5.32638	0.14714	0.14713	7,848	1.80	7,893	7,575
Excavation	0.53	0.06			0.36158	1.62268	0.04600	0.04599	2,334	0.56	2,348	2,283
Excavation	0.30	0.03			0.24429	1.12883	0.03170	0.03169	1,627	0.39	1,636	1,594
Excavation	0.63	0.07			0.50958	2.35813	0.06618	0.06617	3,395	0.81	3,415	3,331

Emissions by C	Off-Road Equipment		Electricity
Block	CH4	CO2e	CO2
A1	0.18	715	12
A1	0.06	391	463
A1	0.06	231	4
A1	0.00	0	5
B1	0.15	593	13
B1	0.05	355	347
B1	0.03	119	6
B1	0.00	0	2
C1	0.23	895	17
C1	0.06	390	446
C1	0.04	154	36
C1	0.00	0	4
C2	0.16	629	15
C2	0.06	406	341
C2	0.03	128	5
C2	0.00	0	2
C3	0.06	256	2
C3	0.02	170	56
C3	0.01	49	1
C3	0.00	0	1
D1	0.05	193	2
D1	0.02	120	62
D1	0.01	49	2
D1	0.00	0	1
D4	0.13	510	7
D4	0.03	170	157
D4	0.01	59	3
D4	0.00	0	1
D5-D6	0.05	196	4
D5-D6	0.02	129	92
D5-D6	0.01	53	4
D5-D6	0.00	0	1
D7	0.08	326	6
D7	0.02	155	178
D7	0.01	55	3
D7	0.00	0	1
D8-D13	0.09	353	6
D8-D13	0.14	615	344
D8-D13	0.03	107	6
D8-D13	0.00	0	2
E1.1	0.10	412	7
E1.1	0.03	183	207
E1.1	0.01	47	4
E1.1	0.00	0	1
E1.2	0.16	644	14
E1.2	0.05	332	468
E1.2	0.05	208	5

E1.2	0.00	0	5
F1-F2	0.23	893	15
F1-F2	0.06	387	630
F1-F2	0.07	287	7
F1-F2	0.00	0	5
F3	0.05	181	3
F3	0.02	120	77
F3	0.01	49	3
F3	0.00	0	1
F4	0.08	327	4
F4	0.02	161	183
F4	0.01	57	3
F4	0.00	0	1
F5	0.06	249	5
F5	0.01	94	120
F5	0.02	68	4
F5	0.00	0	1
F6	0.05	196	4
F6	0.01	75	96
F6	0.01	53	3
F6	0.00	0	1
G1	0.06	225	6
G1	0.03	197	212
G1	0.01	55	3
G1	0.00	0	1
H1	0.06	226	6
H1	0.02	99	161
H1	0.01	55	3
H1	0.00	0	1
H2	0.04	173	2
H2	0.01	67	59
H2	0.01	47	2
H2	0.00	0	1
H3	0.10	403	16
H3	0.04	272	382
H3	0.03	119	3
H3	0.00	0	4
H4	0.07	269	3
H4	0.02	133	130
H4	0.01	47	2
H4	0.00	0	1
150 SM	0.03	125	5
150 SM	0.03	146	89
150 SM	0.01	49	3
150 SM	0.00	0	1
40 SM	0.03	109	4
40 SM	0.03	128	78
40 SM	0.01	43	3
40 SM	0.00	0	1
LTA B1-1	0.00	0	0
LTA B1-2	0.00	0	0
LTA B1-3	0.01	37	1
LTA B1-4	0.00	6	1
LTA B1-4	0.00	9	1
Excavation	1.80	7,620	274
Excavation	0.56	2,297	51
Excavation	0.39	1,604	32
Excavation	0.81	3,352	64

Downtown West San Jose Mixed Use Project
Mitigated Criteria Pollutant Summary

Name	Phase
Excavation1	1
F5	1
F1-F2	1
F6	1
F4	1
150 SM	1
G1	1
F3	1
D7	1
D3	1
E1.2	1
E1.1	1
D5-D6	1
40 SM	1
D8-D13	1
H1	1
H3	1
Excavation2a	2A
B1	2A
A1	2A
H4	2A
Excavation2b	2B
D2	2B
D1	2B
D4	2B
H2	2B
Excavation3	3
LTA B1-1	1
LTA B1-2	1
LTA B1-3	1
LTA B1-4	1
LTA B1-4	1
C2	3
C3	3
C1	3

0

Google
Criteria Pollutant - OffRoad Emissions

					Tons/Phase			
Block	**Phase**	**Start Date**	**End Date**	**Days**	**ROG**	**Nox**	**PM10**	**PM2.5**
A1	Site Preparation	4/1/27	6/13/27	63	0.11	0.56	0.01	0.01
A1	Building Construction	6/13/2027	7/13/2029	652	0.05	0.25	0.01	0.01
A1	Paving	7/13/2029	9/6/2029	47	0.03	0.17	0.00	0.00
A1	Arc. Coating	9/6/2029	10/31/2029	47	0.00	0.00	0.00	0.00
B1	Site Preparation	10/1/2026	12/10/2026	60	0.09	0.47	0.01	0.01
B1	Building Construction	12/10/2026	12/15/2028	631	0.04	0.23	0.01	0.01
B1	Paving	12/15/2028	2/6/2029	45	0.02	0.09	0.00	0.00
B1	Arc. Coating	2/6/2029	3/31/2029	45	0.00	0.00	0.00	0.00
C1	Site Preparation	9/1/2029	11/12/2029	63	0.14	0.69	0.02	0.02
C1	Building Construction	11/12/2029	12/12/2031	651	0.05	0.25	0.01	0.01
C1	Paving	11/12/2029	12/12/2031	651	0.02	0.11	0.00	0.00
C1	Arc. Coating	2/5/2032	3/31/2032	47	0.00	0.00	0.00	0.00
C2	Site Preparation	4/1/2029	6/13/2029	63	0.10	0.50	0.01	0.01
C2	Building Construction	6/13/2029	7/13/2031	677	0.05	0.26	0.01	0.01
C2	Paving	7/13/2031	9/6/2031	49	0.02	0.09	0.00	0.00
C2	Arc. Coating	9/6/2031	10/31/2031	49	0.00	0.00	0.00	0.00
C3	Site Preparation	1/1/2030	2/28/2030	50	0.04	0.20	0.01	0.01
C3	Building Construction	2/28/2030	11/3/2031	526	0.02	0.12	0.00	0.00
C3	Paving	11/3/2031	12/17/2031	37	0.01	0.04	0.00	0.00
C3	Arc. Coating	12/17/2031	1/30/2032	37	0.00	0.00	0.00	0.00
D1	Site Preparation	1/1/2029	2/28/2029	50	0.03	0.16	0.00	0.00
D1	Building Construction	2/28/2029	11/4/2030	526	0.01	0.08	0.00	0.00
D1	Paving	11/4/2030	12/18/2030	38	0.01	0.04	0.00	0.00
D1	Arc. Coating	12/18/2030	1/31/2031	38	0.00	0.00	0.00	0.00
D4	Site Preparation	4/1/2029	6/3/2029	54	0.07	0.38	0.01	0.01
D4	Building Construction	6/3/2029	3/28/2031	568	0.02	0.11	0.00	0.00
D4	Paving	3/28/2031	5/14/2031	41	0.01	0.04	0.00	0.00
D4	Arc. Coating	5/14/2031	7/1/2031	41	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	10/1/2023	12/3/2023	54	0.03	0.16	0.00	0.00
D5-D6	Building Construction	12/3/2023	9/26/2025	569	0.02	0.09	0.00	0.00
D5-D6	Paving	9/26/2025	11/13/2025	41	0.01	0.04	0.00	0.00
D5-D6	Arc. Coating	11/13/2025	12/31/2025	41	0.00	0.00	0.00	0.00
D7	Site Preparation	7/1/2025	9/4/2025	56	0.05	0.25	0.01	0.01
D7	Building Construction	9/4/2025	7/24/2027	589	0.02	0.10	0.00	0.00
D7	Paving	7/24/2027	9/11/2027	42	0.01	0.04	0.00	0.00
D7	Arc. Coating	9/11/2027	10/31/2027	42	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	6/1/2023	10/5/2023	109	0.07	0.36	0.01	0.01
D8-D13	Building Construction	10/5/2023	4/24/2027	1111	0.08	0.43	0.01	0.01
D8-D13	Paving	4/24/2027	7/28/2027	81	0.01	0.08	0.00	0.00
D8-D13	Arc. Coating	7/28/2027	10/31/2027	81	0.00	0.00	0.00	0.00
E1.1	Site Preparation	1/1/2024	2/21/2024	44	0.06	0.31	0.01	0.01

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Criteria Pollutant - OffRoad Emissions

E1.1	Building Construction	2/21/2024	8/15/2025	464	0.02	0.12	0.00	0.00
E1.1	Paving	8/15/2025	9/22/2025	33	0.01	0.03	0.00	0.00
E1.1	Arc. Coating	9/22/2025	10/31/2025	33	0.00	0.00	0.00	0.00
E1.2	Site Preparation	10/1/2023	12/5/2023	56	0.10	0.51	0.01	0.01
E1.2	Building Construction	12/5/2023	10/24/2025	590	0.04	0.22	0.01	0.01
E1.2	Paving	10/24/2025	12/12/2025	42	0.03	0.15	0.00	0.00
E1.2	Arc. Coating	12/12/2025	1/31/2026	42	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	6/1/2024	8/8/2024	58	0.13	0.69	0.02	0.02
F1-F2	Building Construction	8/8/2024	7/20/2026	610	0.05	0.25	0.01	0.01
F1-F2	Paving	7/20/2026	9/9/2026	44	0.04	0.21	0.01	0.01
F1-F2	Arc. Coating	9/9/2026	10/31/2026	44	0.00	0.00	0.00	0.00
F3	Site Preparation	3/1/2025	4/28/2025	50	0.03	0.15	0.00	0.00
F3	Building Construction	4/28/2025	1/2/2027	526	0.01	0.08	0.00	0.00
F3	Paving	1/2/2027	2/15/2027	38	0.01	0.04	0.00	0.00
F3	Arc. Coating	2/15/2027	3/31/2027	38	0.00	0.00	0.00	0.00
F4	Site Preparation	6/1/2024	8/8/2024	58	0.05	0.25	0.01	0.01
F4	Building Construction	8/8/2024	7/20/2026	610	0.02	0.11	0.00	0.00
F4	Paving	7/20/2026	9/9/2026	44	0.01	0.04	0.00	0.00
F4	Arc. Coating	9/9/2026	10/31/2026	44	0.00	0.00	0.00	0.00
F5	Site Preparation	10/1/2022	12/20/2022	69	0.04	0.20	0.01	0.01
F5	Building Construction	12/20/2022	4/1/2025	714	0.01	0.06	0.00	0.00
F5	Paving	4/1/2025	5/31/2025	52	0.01	0.05	0.00	0.00
F5	Arc. Coating	5/31/2025	7/31/2025	52	0.00	0.00	0.00	0.00
F6	Site Preparation	7/1/2024	9/2/2024	54	0.03	0.16	0.00	0.00
F6	Building Construction	9/2/2024	6/27/2026	569	0.01	0.05	0.00	0.00
F6	Paving	6/27/2026	8/14/2026	41	0.01	0.04	0.00	0.00
F6	Arc. Coating	8/14/2026	10/1/2026	41	0.00	0.00	0.00	0.00
G1	Site Preparation	1/1/2025	3/7/2025	56	0.03	0.18	0.00	0.00
G1	Building Construction	3/7/2025	1/22/2027	588	0.02	0.13	0.00	0.00
G1	Paving	1/22/2027	3/12/2027	42	0.01	0.04	0.00	0.00
G1	Arc. Coating	3/12/2027	5/1/2027	42	0.00	0.00	0.00	0.00
H1	Site Preparation	7/1/2024	9/4/2024	56	0.03	0.18	0.00	0.00
H1	Building Construction	9/4/2024	7/24/2026	589	0.01	0.06	0.00	0.00
H1	Paving	7/24/2026	9/11/2026	42	0.01	0.04	0.00	0.00
H1	Arc. Coating	9/11/2026	10/31/2026	42	0.00	0.00	0.00	0.00
H2	Site Preparation	1/1/2029	2/25/2029	48	0.03	0.14	0.00	0.00
H2	Building Construction	2/25/2029	10/8/2030	505	0.01	0.04	0.00	0.00
H2	Paving	10/8/2030	11/19/2030	36	0.01	0.03	0.00	0.00
H2	Arc. Coating	11/19/2030	12/31/2030	36	0.00	0.00	0.00	0.00
H3	Site Preparation	7/1/2025	9/9/2025	61	0.06	0.31	0.01	0.01
H3	Building Construction	9/9/2025	9/16/2027	631	0.03	0.18	0.01	0.01
H3	Paving	9/16/2027	11/8/2027	45	0.02	0.09	0.00	0.00
H3	Arc. Coating	11/8/2027	12/31/2027	45	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

H4	Site Preparation	2/1/2027	3/29/2027	48	0.04	0.21	0.01	0.01
H4	Building Construction	3/29/2027	11/8/2028	506	0.02	0.09	0.00	0.00
H4	Paving	11/8/2028	12/20/2028	36	0.01	0.03	0.00	0.00
H4	Arc. Coating	12/20/2028	1/31/2029	36	0.00	0.00	0.00	0.00
150 SM	Site Preparation	10/1/2024	11/28/2024	50	0.02	0.11	0.00	0.00
150 SM	Building Construction	11/28/2024	8/4/2026	526	0.02	0.10	0.00	0.00
150 SM	Paving	8/4/2026	9/17/2026	38	0.01	0.04	0.00	0.00
150 SM	Arc. Coating	9/17/2026	10/31/2026	38	0.00	0.00	0.00	0.00
40 SM	Site Preparation	1/1/2024	2/21/2024	44	0.02	0.09	0.00	0.00
40 SM	Building Construction	2/21/2024	8/15/2025	464	0.02	0.09	0.00	0.00
40 SM	Paving	8/15/2025	9/22/2025	33	0.01	0.03	0.00	0.00
40 SM	Arc. Coating	9/22/2025	10/31/2025	33	0.00	0.00	0.00	0.00
LTA B1-1	Paving	7/1/2025	7/6/2025	4	0.00	0.00	0.00	0.00
LTA B1-2	Paving	7/8/2025	7/13/2025	4	0.00	0.00	0.00	0.00
LTA B1-3	Paving	7/15/2025	8/12/2025	24	0.00	0.03	0.00	0.00
LTA B1-4	Paving	8/13/2025	8/23/2025	9	0.00	0.00	0.00	0.00
LTA B1-4	Paving	8/24/2025	9/3/2025	9	0.00	0.01	0.00	0.00
Excavation	1	7/1/2021	7/1/2024	940	1.09	5.33	0.15	0.15
Excavation	2a	7/1/2025	4/1/2027	549	0.36	1.62	0.05	0.05
Excavation	2b	1/1/2029	1/1/2030	314	0.24	1.13	0.03	0.03
Excavation	3	1/1/2030	7/1/2031	649	0.51	2.36	0.07	0.07

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Criteria Pollutant - OffRoad Emissions

Block	Phase	Equipment	Start Date	End Date	Total Hrs	HP	Load Factor	HP Range	HP-hrs	Total HP-hr
A1	Site Preparation	Concrete/Industrial Saws	4/1/27	6/13/27	0	81	1.00	75-119	0	
A1	Site Preparation	Rubber Tired Dozers	4/1/27	6/13/27	0	247	1.00	175-299	0	
A1	Site Preparation	Sweepers/Scrubbers	4/1/27	6/13/27	0	64	1.00	50-74	0	
A1	Site Preparation	Excavator	4/1/27	6/13/27	1,504	158	1.00	120-174	237,661	
A1	Site Preparation	Water Trucks	4/1/27	6/13/27	752	402	1.00	300-599	302,341	
A1	Site Preparation	Tractors/Loaders/Backhoes	4/1/27	6/13/27	1,504	97	1.00	75-119	145,906	
A1	Site Preparation	Surfacing Equipment	4/1/27	6/13/27	0	263	1.00	175-299	0	
A1	Site Preparation	Off-Highway Trucks	4/1/27	6/13/27	1,128	402	1.00	300-599	453,511	
A1	Site Preparation	Pressure Washer	4/1/27	6/13/27	38	13	1.00	<25	489	
A1	Site Preparation	Pavers	4/1/27	6/13/27	0	130	1.00	120-174	0	
A1	Site Preparation	Rollers	4/1/27	6/13/27	251	80	1.00	75-119	20,056	
A1	Site Preparation	Skid-Steer Loaders	4/1/27	6/13/27	251	65	1.00	50-74	16,295	
A1	Site Preparation	Pumps	4/1/27	6/13/27	113	84	1.00	75-119	9,476	
A1	Site Preparation	Plate Compactors	4/1/27	6/13/27	376	8	1.00	<25	3,008	
A1	Site Preparation	Pile Drivers	4/1/27	6/13/27	752	470	0.50	300-599	353,483	
A1	Building Construction	Cranes	6/13/27	7/13/29	1,174	231	1.00	175-299	271,292	
A1	Building Construction	Forklifts	6/13/27	7/13/29	0	89	1.00	75-119	0	
A1	Building Construction	Generator Sets	6/13/27	7/13/29	0	84	1.00	75-119	0	
A1	Building Construction	Tractors/Loaders/Backhoes	6/13/27	7/13/29	0	97	1.00	75-119	0	
A1	Building Construction	Off-Highway Trucks	6/13/27	7/13/29	0	402	1.00	300-599	0	
A1	Building Construction	Aerial Lifts	6/13/27	7/13/29	0	63	1.00	50-74	0	
A1	Building Construction	Excavators	6/13/27	7/13/29	0	158	1.00	120-174	0	
A1	Building Construction	Cement and Mortar Mixers	6/13/27	7/13/29	0	9	1.00	<25	0	
A1	Building Construction	Concrete Pumps	6/13/27	7/13/29	5,220	84	1.00	75-119	438,451	
A1	Building Construction	Welders	6/13/27	7/13/29	0	46	1.00	25-49	0	
A1	Paving	Pavers	7/13/29	9/6/29	705	130	1.00	120-174	91,661	
A1	Paving	Rollers	7/13/29	9/6/29	705	80	1.00	75-119	56,407	
A1	Paving	Off-Highway Trucks	7/13/29	9/6/29	564	402	1.00	300-599	226,756	
A1	Paving	Tractors/Loaders/Backhoes	7/13/29	9/6/29	705	97	1.00	75-119	68,393	
A1	Paving	Concrete Saw	7/13/29	9/6/29	0	81	1.00	75-119	0	
A1	Arc. Coating	Air Compressors	9/6/29	10/31/29	0	78	1.00	75-119	0	2,695,186
B1	Site Preparation	Concrete/Industrial Saws	10/1/26	12/10/26	0	81	1.00	75-119	0	
B1	Site Preparation	Rubber Tired Dozers	10/1/26	12/10/26	0	247	1.00	175-299	0	
B1	Site Preparation	Sweepers/Scrubbers	10/1/26	12/10/26	0	64	1.00	50-74	0	
B1	Site Preparation	Excavator	10/1/26	12/10/26	726	158	1.00	120-174	114,670	
B1	Site Preparation	Water Trucks	10/1/26	12/10/26	726	402	1.00	300-599	291,756	
B1	Site Preparation	Tractors/Loaders/Backhoes	10/1/26	12/10/26	726	97	1.00	75-119	70,399	
B1	Site Preparation	Surfacing Equipment	10/1/26	12/10/26	0	263	1.00	175-299	0	
B1	Site Preparation	Off-Highway Trucks	10/1/26	12/10/26	1,089	402	1.00	300-599	437,633	
B1	Site Preparation	Pressure Washer	10/1/26	12/10/26	36	13	1.00	<25	472	
B1	Site Preparation	Pavers	10/1/26	12/10/26	0	130	1.00	120-174	0	

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Criteria Pollutant - OffRoad Emissions

B1	Site Preparation	Rollers	10/1/26	12/10/26	242	80	1.00	75-119	19,354	
B1	Site Preparation	Skid-Steer Loaders	10/1/26	12/10/26	242	65	1.00	50-74	15,725	
B1	Site Preparation	Pumps	10/1/26	12/10/26	109	84	1.00	75-119	9,145	
B1	Site Preparation	Plate Compactors	10/1/26	12/10/26	242	8	1.00	<25	1,935	
B1	Site Preparation	Pile Drivers	10/1/26	12/10/26	726	470	0.50	300-599	341,107	
B1	Building Construction	Cranes	12/10/26	12/15/28	946	231	1.00	175-299	218,473	
B1	Building Construction	Forklifts	12/10/26	12/15/28	0	89	1.00	75-119	0	
B1	Building Construction	Generator Sets	12/10/26	12/15/28	0	84	1.00	75-119	0	
B1	Building Construction	Tractors/Loaders/Backhoes	12/10/26	12/15/28	0	97	1.00	75-119	0	
B1	Building Construction	Off-Highway Trucks	12/10/26	12/15/28	0	402	1.00	300-599	0	
B1	Building Construction	Aerial Lifts	12/10/26	12/15/28	0	63	1.00	50-74	0	
B1	Building Construction	Excavators	12/10/26	12/15/28	0	158	1.00	120-174	0	
B1	Building Construction	Cement and Mortar Mixers	12/10/26	12/15/28	0	9	1.00	<25	0	
B1	Building Construction	Concrete Pumps	12/10/26	12/15/28	5,044	84	1.00	75-119	423,706	
B1	Building Construction	Welders	12/10/26	12/15/28	0	46	1.00	25-49	0	
B1	Paving	Pavers	12/15/28	2/6/29	181	130	1.00	120-174	23,587	
B1	Paving	Rollers	12/15/28	2/6/29	181	80	1.00	75-119	14,515	
B1	Paving	Off-Highway Trucks	12/15/28	2/6/29	363	402	1.00	300-599	145,878	
B1	Paving	Tractors/Loaders/Backhoes	12/15/28	2/6/29	454	97	1.00	75-119	43,999	
B1	Paving	Concrete Saw	12/15/28	2/6/29	0	81	1.00	75-119	0	
B1	Arc. Coating	Air Compressors	2/6/29	3/31/29	0	78	1.00	75-119	0	
C1	Site Preparation	Concrete/Industrial Saws	9/1/29	11/12/29	0	81	1.00	75-119	0	2,172,353
C1	Site Preparation	Rubber Tired Dozers	9/1/29	11/12/29	0	247	1.00	175-299	0	
C1	Site Preparation	Sweepers/Scrubbers	9/1/29	11/12/29	0	64	1.00	50-74	0	
C1	Site Preparation	Excavator	9/1/29	11/12/29	1,501	158	1.00	120-174	237,141	
C1	Site Preparation	Water Trucks	9/1/29	11/12/29	1,126	402	1.00	300-599	452,519	
C1	Site Preparation	Tractors/Loaders/Backhoes	9/1/29	11/12/29	1,876	97	1.00	75-119	181,983	
C1	Site Preparation	Surfacing Equipment	9/1/29	11/12/29	0	263	1.00	175-299	0	
C1	Site Preparation	Off-Highway Trucks	9/1/29	11/12/29	1,501	402	1.00	300-599	603,358	
C1	Site Preparation	Pressure Washer	9/1/29	11/12/29	50	13	1.00	<25	650	
C1	Site Preparation	Pavers	9/1/29	11/12/29	0	130	1.00	120-174	0	
C1	Site Preparation	Rollers	9/1/29	11/12/29	250	80	1.00	75-119	20,012	
C1	Site Preparation	Skid-Steer Loaders	9/1/29	11/12/29	250	65	1.00	50-74	16,260	
C1	Site Preparation	Pumps	9/1/29	11/12/29	188	84	1.00	75-119	15,759	
C1	Site Preparation	Plate Compactors	9/1/29	11/12/29	375	8	1.00	<25	3,002	
C1	Site Preparation	Pile Drivers	9/1/29	11/12/29	750	470	0.50	300-599	352,709	
C1	Building Construction	Cranes	11/12/29	12/12/31	1,172	231	1.00	175-299	270,721	
C1	Building Construction	Forklifts	11/12/29	12/12/31	0	89	1.00	75-119	0	
C1	Building Construction	Generator Sets	11/12/29	12/12/31	0	84	1.00	75-119	0	
C1	Building Construction	Tractors/Loaders/Backhoes	11/12/29	12/12/31	0	97	1.00	75-119	0	
C1	Building Construction	Off-Highway Trucks	11/12/29	12/12/31	0	402	1.00	300-599	0	
C1	Building Construction	Aerial Lifts	11/12/29	12/12/31	0	63	1.00	50-74	0	
C1	Building Construction	Excavators	11/12/29	12/12/31	0	158	1.00	120-174	0	

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C1	Building Construction	Cement and Mortar Mixers	11/12/29	12/12/31	0	9	1.00	<25	0	
C1	Building Construction	Concrete Pumps	11/12/29	12/12/31	5,209	84	1.00	75-119	437,530	
C1	Building Construction	Welders	11/12/29	12/12/31	0	46	1.00	25-49	0	
C1	Paving	Concrete Saw	11/12/29	12/12/31	0	81	1.00	75-119	0	
C1	Paving	Off-Highway Trucks	12/12/31	2/5/32	375	402	1.00	300-599	150,840	
C1	Paving	Pavers	12/12/31	2/5/32	469	130	1.00	120-174	60,974	
C1	Paving	Rollers	12/12/31	2/5/32	469	80	1.00	75-119	37,522	
C1	Paving	Tractors/Loaders/Backhoes	12/12/31	2/5/32	469	97	1.00	75-119	45,496	
C1	Arc. Coating	Air Compressors	2/5/32	3/31/32	0	78	1.00	75-119	0	2,886,476
C2	Site Preparation	Concrete/Industrial Saws	4/1/29	6/13/29	0	81	1.00	75-119	0	
C2	Site Preparation	Rubber Tired Dozers	4/1/29	6/13/29	0	247	1.00	175-299	0	
C2	Site Preparation	Sweepers/Scrubbers	4/1/29	6/13/29	0	64	1.00	50-74	0	
C2	Site Preparation	Excavator	4/1/29	6/13/29	939	158	1.00	120-174	148,376	
C2	Site Preparation	Water Trucks	4/1/29	6/13/29	751	402	1.00	300-599	302,010	
C2	Site Preparation	Tractors/Loaders/Backhoes	4/1/29	6/13/29	751	97	1.00	75-119	72,873	
C2	Site Preparation	Surfacing Equipment	4/1/29	6/13/29	0	263	1.00	175-299	0	
C2	Site Preparation	Off-Highway Trucks	4/1/29	6/13/29	1,127	402	1.00	300-599	453,015	
C2	Site Preparation	Pressure Washer	4/1/29	6/13/29	50	13	1.00	<25	651	
C2	Site Preparation	Pavers	4/1/29	6/13/29	0	130	1.00	120-174	0	
C2	Site Preparation	Rollers	4/1/29	6/13/29	250	80	1.00	75-119	20,034	
C2	Site Preparation	Skid-Steer Loaders	4/1/29	6/13/29	250	65	1.00	50-74	16,277	
C2	Site Preparation	Pumps	4/1/29	6/13/29	113	84	1.00	75-119	9,466	
C2	Site Preparation	Plate Compactors	4/1/29	6/13/29	250	8	1.00	<25	2,003	
C2	Site Preparation	Pile Drivers	4/1/29	6/13/29	751	470	0.50	300-599	353,096	
C2	Building Construction	Cranes	6/13/29	7/13/31	1,219	231	1.00	175-299	281,699	
C2	Building Construction	Forklifts	6/13/29	7/13/31	0	89	1.00	75-119	0	
C2	Building Construction	Generator Sets	6/13/29	7/13/31	0	84	1.00	75-119	0	
C2	Building Construction	Tractors/Loaders/Backhoes	6/13/29	7/13/31	0	97	1.00	75-119	0	
C2	Building Construction	Off-Highway Trucks	6/13/29	7/13/31	0	402	1.00	300-599	0	
C2	Building Construction	Aerial Lifts	6/13/29	7/13/31	0	63	1.00	50-74	0	
C2	Building Construction	Excavators	6/13/29	7/13/31	0	158	1.00	120-174	0	
C2	Building Construction	Cement and Mortar Mixers	6/13/29	7/13/31	0	9	1.00	<25	0	
C2	Building Construction	Concrete Pumps	6/13/29	7/13/31	5,420	84	1.00	75-119	455,270	
C2	Building Construction	Welders	6/13/29	7/13/31	0	46	1.00	25-49	0	
C2	Paving	Pavers	7/13/31	9/6/31	196	130	1.00	120-174	25,432	
C2	Paving	Rollers	7/13/31	9/6/31	196	80	1.00	75-119	15,651	
C2	Paving	Off-Highway Trucks	7/13/31	9/6/31	391	402	1.00	300-599	157,290	
C2	Paving	Tractors/Loaders/Backhoes	7/13/31	9/6/31	489	97	1.00	75-119	47,441	
C2	Paving	Concrete Saw	7/13/31	9/6/31	0	81	1.00	75-119	0	
C2	Arc. Coating	Air Compressors	9/6/31	10/31/31	0	78	1.00	75-119	0	2,360,585
C3	Site Preparation	Concrete/Industrial Saws	1/1/30	2/28/30	0	81	1.00	75-119	0	
C3	Site Preparation	Rubber Tired Dozers	1/1/30	2/28/30	0	247	1.00	175-299	0	
C3	Site Preparation	Sweepers/Scrubbers	1/1/30	2/28/30	0	64	1.00	50-74	0	

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C3	Site Preparation	Excavator	1/1/30	2/28/30	300	158	1.00	120-174	47,389	
C3	Site Preparation	Water Trucks	1/1/30	2/28/30	300	402	1.00	300-599	120,572	
C3	Site Preparation	Tractors/Loaders/Backhoes	1/1/30	2/28/30	150	97	1.00	75-119	14,547	
C3	Site Preparation	Surfacing Equipment	1/1/30	2/28/30	0	263	1.00	175-299	0	
C3	Site Preparation	Off-Highway Trucks	1/1/30	2/28/30	600	402	1.00	300-599	241,145	
C3	Site Preparation	Pressure Washer	1/1/30	2/28/30	10	13	1.00	<25	130	
C3	Site Preparation	Pavers	1/1/30	2/28/30	0	130	1.00	120-174	0	
C3	Site Preparation	Rollers	1/1/30	2/28/30	100	80	1.00	75-119	7,998	
C3	Site Preparation	Skid-Steer Loaders	1/1/30	2/28/30	100	65	1.00	50-74	6,499	
C3	Site Preparation	Pumps	1/1/30	2/28/30	30	84	1.00	75-119	2,519	
C3	Site Preparation	Plate Compactors	1/1/30	2/28/30	100	8	1.00	<25	800	
C3	Site Preparation	Pile Drivers	1/1/30	2/28/30	200	470	0.50	300-599	93,979	
C3	Building Construction	Cranes	2/28/30	11/3/31	158	231	1.00	175-299	36,424	
C3	Building Construction	Forklifts	2/28/30	11/3/31	0	89	1.00	75-119	0	
C3	Building Construction	Generator Sets	2/28/30	11/3/31	0	84	1.00	75-119	0	
C3	Building Construction	Tractors/Loaders/Backhoes	2/28/30	11/3/31	0	97	1.00	75-119	0	
C3	Building Construction	Off-Highway Trucks	2/28/30	11/3/31	0	402	1.00	300-599	0	
C3	Building Construction	Aerial Lifts	2/28/30	11/3/31	0	63	1.00	50-74	0	
C3	Building Construction	Excavators	2/28/30	11/3/31	0	158	1.00	120-174	0	
C3	Building Construction	Cement and Mortar Mixers	2/28/30	11/3/31	0	9	1.00	<25	0	
C3	Building Construction	Concrete Pumps	2/28/30	11/3/31	3,154	84	1.00	75-119	264,902	
C3	Building Construction	Welders	2/28/30	11/3/31	0	46	1.00	25-49	0	
C3	Paving	Pavers	11/3/31	12/17/31	75	130	1.00	120-174	9,748	
C3	Paving	Rollers	11/3/31	12/17/31	75	80	1.00	75-119	5,999	
C3	Paving	Off-Highway Trucks	11/3/31	12/17/31	150	402	1.00	300-599	60,286	
C3	Paving	Tractors/Loaders/Backhoes	11/3/31	12/17/31	187	97	1.00	75-119	18,183	
C3	Paving	Concrete Saw	11/3/31	12/17/31	0	81	1.00	75-119	0	
C3	Arc. Coating	Air Compressors	12/17/31	1/30/32	0	78	1.00	75-119	0	931,120
D1	Site Preparation	Concrete/Industrial Saws	1/1/29	2/28/29	0	81	1.00	75-119	0	
D1	Site Preparation	Rubber Tired Dozers	1/1/29	2/28/29	0	247	1.00	175-299	0	
D1	Site Preparation	Sweepers/Scrubbers	1/1/29	2/28/29	0	64	1.00	50-74	0	
D1	Site Preparation	Excavator	1/1/29	2/28/29	300	158	1.00	120-174	47,454	
D1	Site Preparation	Water Trucks	1/1/29	2/28/29	300	402	1.00	300-599	120,738	
D1	Site Preparation	Tractors/Loaders/Backhoes	1/1/29	2/28/29	150	97	1.00	75-119	14,567	
D1	Site Preparation	Surfacing Equipment	1/1/29	2/28/29	0	263	1.00	175-299	0	
D1	Site Preparation	Off-Highway Trucks	1/1/29	2/28/29	300	402	1.00	300-599	120,738	
D1	Site Preparation	Pressure Washer	1/1/29	2/28/29	10	13	1.00	<25	130	
D1	Site Preparation	Pavers	1/1/29	2/28/29	0	130	1.00	120-174	0	
D1	Site Preparation	Rollers	1/1/29	2/28/29	100	80	1.00	75-119	8,009	
D1	Site Preparation	Skid-Steer Loaders	1/1/29	2/28/29	100	65	1.00	50-74	6,507	
D1	Site Preparation	Pumps	1/1/29	2/28/29	30	84	1.00	75-119	2,523	
D1	Site Preparation	Plate Compactors	1/1/29	2/28/29	100	8	1.00	<25	801	
D1	Site Preparation	Pile Drivers	1/1/29	2/28/29	200	470	0.50	300-599	94,107	

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Criteria Pollutant - OffRoad Emissions

D1	Building Construction	Cranes	2/28/29	11/4/30	158	231	1.00	175-299	36,472	
D1	Building Construction	Forklifts	2/28/29	11/4/30	0	89	1.00	75-119	0	
D1	Building Construction	Generator Sets	2/28/29	11/4/30	0	84	1.00	75-119	0	
D1	Building Construction	Tractors/Loaders/Backhoes	2/28/29	11/4/30	0	97	1.00	75-119	0	
D1	Building Construction	Off-Highway Trucks	2/28/29	11/4/30	0	402	1.00	300-599	0	
D1	Building Construction	Aerial Lifts	2/28/29	11/4/30	0	63	1.00	50-74	0	
D1	Building Construction	Excavators	2/28/29	11/4/30	0	158	1.00	120-174	0	
D1	Building Construction	Cement and Mortar Mixers	2/28/29	11/4/30	0	9	1.00	<25	0	
D1	Building Construction	Concrete Pumps	2/28/29	11/4/30	2,105	84	1.00	75-119	176,832	
D1	Building Construction	Welders	2/28/29	11/4/30	0	46	1.00	25-49	0	
D1	Paving	Pavers	11/4/30	12/18/30	75	130	1.00	120-174	9,761	
D1	Paving	Rollers	11/4/30	12/18/30	75	80	1.00	75-119	6,007	
D1	Paving	Off-Highway Trucks	11/4/30	12/18/30	150	402	1.00	300-599	60,369	
D1	Paving	Tractors/Loaders/Backhoes	11/4/30	12/18/30	188	97	1.00	75-119	18,208	
D1	Paving	Concrete Saw	11/4/30	12/18/30	0	81	1.00	75-119	0	
D1	Arc. Coating	Air Compressors	12/18/30	1/31/31	0	78	1.00	75-119	0	723,223
D4	Site Preparation	Concrete/Industrial Saws	4/1/29	6/3/29	0	81	1.00	75-119	0	
D4	Site Preparation	Rubber Tired Dozers	4/1/29	6/3/29	0	247	1.00	175-299	0	
D4	Site Preparation	Sweepers/Scrubbers	4/1/29	6/3/29	0	64	1.00	50-74	0	
D4	Site Preparation	Excavator	4/1/29	6/3/29	651	158	1.00	120-174	102,839	
D4	Site Preparation	Water Trucks	4/1/29	6/3/29	651	402	1.00	300-599	261,654	
D4	Site Preparation	Tractors/Loaders/Backhoes	4/1/29	6/3/29	488	97	1.00	75-119	47,352	
D4	Site Preparation	Surfacing Equipment	4/1/29	6/3/29	0	263	1.00	175-299	0	
D4	Site Preparation	Off-Highway Trucks	4/1/29	6/3/29	976	402	1.00	300-599	392,481	
D4	Site Preparation	Pressure Washer	4/1/29	6/3/29	33	13	1.00	<25	423	
D4	Site Preparation	Pavers	4/1/29	6/3/29	0	130	1.00	120-174	0	
D4	Site Preparation	Rollers	4/1/29	6/3/29	108	80	1.00	75-119	8,678	
D4	Site Preparation	Skid-Steer Loaders	4/1/29	6/3/29	108	65	1.00	50-74	7,051	
D4	Site Preparation	Pumps	4/1/29	6/3/29	33	84	1.00	75-119	2,734	
D4	Site Preparation	Plate Compactors	4/1/29	6/3/29	108	8	1.00	<25	868	
D4	Site Preparation	Pile Drivers	4/1/29	6/3/29	651	470	0.50	300-599	305,914	
D4	Building Construction	Cranes	6/3/29	3/28/31	511	231	1.00	175-299	118,111	
D4	Building Construction	Forklifts	6/3/29	3/28/31	0	89	1.00	75-119	0	
D4	Building Construction	Generator Sets	6/3/29	3/28/31	0	84	1.00	75-119	0	
D4	Building Construction	Tractors/Loaders/Backhoes	6/3/29	3/28/31	0	97	1.00	75-119	0	
D4	Building Construction	Off-Highway Trucks	6/3/29	3/28/31	0	402	1.00	300-599	0	
D4	Building Construction	Aerial Lifts	6/3/29	3/28/31	0	63	1.00	50-74	0	
D4	Building Construction	Excavators	6/3/29	3/28/31	0	158	1.00	120-174	0	
D4	Building Construction	Cement and Mortar Mixers	6/3/29	3/28/31	0	9	1.00	<25	0	
D4	Building Construction	Concrete Pumps	6/3/29	3/28/31	2,272	84	1.00	75-119	190,886	
D4	Building Construction	Welders	6/3/29	3/28/31	0	46	1.00	25-49	0	
D4	Paving	Pavers	3/28/31	5/14/31	163	130	1.00	120-174	21,154	
D4	Paving	Rollers	3/28/31	5/14/31	81	80	1.00	75-119	6,509	

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Criteria Pollutant - OffRoad Emissions

D4	Paving	Off-Highway Trucks	3/28/31	5/14/31	163	402	1.00	300-599	65,413	
D4	Paving	Tractors/Loaders/Backhoes	3/28/31	5/14/31	203	97	1.00	75-119	19,730	
D4	Paving	Concrete Saw	3/28/31	5/14/31	0	81	1.00	75-119	0	
D4	Arc. Coating	Air Compressors	5/14/31	7/1/31	0	78	1.00	75-119	0	1,551,796
D5-D6	Site Preparation	Concrete/Industrial Saws	10/1/23	12/3/23	0	81	1.00	75-119	0	
D5-D6	Site Preparation	Rubber Tired Dozers	10/1/23	12/3/23	0	247	1.00	175-299	0	
D5-D6	Site Preparation	Sweepers/Scrubbers	10/1/23	12/3/23	0	64	1.00	50-74	0	
D5-D6	Site Preparation	Excavator	10/1/23	12/3/23	163	158	1.00	120-174	25,742	
D5-D6	Site Preparation	Water Trucks	10/1/23	12/3/23	326	402	1.00	300-599	130,992	
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	10/1/23	12/3/23	163	97	1.00	75-119	15,804	
D5-D6	Site Preparation	Surfacing Equipment	10/1/23	12/3/23	0	263	1.00	175-299	0	
D5-D6	Site Preparation	Off-Highway Trucks	10/1/23	12/3/23	326	402	1.00	300-599	130,992	
D5-D6	Site Preparation	Pressure Washer	10/1/23	12/3/23	11	13	1.00	<25	141	
D5-D6	Site Preparation	Pavers	10/1/23	12/3/23	0	130	1.00	120-174	0	
D5-D6	Site Preparation	Rollers	10/1/23	12/3/23	109	80	1.00	75-119	8,689	
D5-D6	Site Preparation	Skid-Steer Loaders	10/1/23	12/3/23	109	65	1.00	50-74	7,060	
D5-D6	Site Preparation	Pumps	10/1/23	12/3/23	33	84	1.00	75-119	2,737	
D5-D6	Site Preparation	Plate Compactors	10/1/23	12/3/23	109	8	1.00	<25	869	
D5-D6	Site Preparation	Pile Drivers	10/1/23	12/3/23	217	470	0.50	300-599	102,100	
D5-D6	Building Construction	Cranes	12/3/23	9/26/25	171	231	1.00	175-299	39,418	
D5-D6	Building Construction	Forklifts	12/3/23	9/26/25	0	89	1.00	75-119	0	
D5-D6	Building Construction	Generator Sets	12/3/23	9/26/25	0	84	1.00	75-119	0	
D5-D6	Building Construction	Tractors/Loaders/Backhoes	12/3/23	9/26/25	0	97	1.00	75-119	0	
D5-D6	Building Construction	Off-Highway Trucks	12/3/23	9/26/25	0	402	1.00	300-599	0	
D5-D6	Building Construction	Aerial Lifts	12/3/23	9/26/25	0	63	1.00	50-74	0	
D5-D6	Building Construction	Excavators	12/3/23	9/26/25	0	158	1.00	120-174	0	
D5-D6	Building Construction	Cement and Mortar Mixers	12/3/23	9/26/25	0	9	1.00	<25	0	
D5-D6	Building Construction	Concrete Pumps	12/3/23	9/26/25	2,275	84	1.00	75-119	191,117	
D5-D6	Building Construction	Welders	12/3/23	9/26/25	0	46	1.00	25-49	0	
D5-D6	Paving	Pavers	9/26/25	11/13/25	81	130	1.00	120-174	10,590	
D5-D6	Paving	Rollers	9/26/25	11/13/25	81	80	1.00	75-119	6,517	
D5-D6	Paving	Off-Highway Trucks	9/26/25	11/13/25	163	402	1.00	300-599	65,496	
D5-D6	Paving	Tractors/Loaders/Backhoes	9/26/25	11/13/25	204	97	1.00	75-119	19,755	
D5-D6	Paving	Concrete Saw	9/26/25	11/13/25	0	81	1.00	75-119	0	
D5-D6	Arc. Coating	Air Compressors	11/13/25	12/31/25	0	78	1.00	75-119	0	758,020
D7	Site Preparation	Concrete/Industrial Saws	7/1/25	9/4/25	0	81	1.00	75-119	0	
D7	Site Preparation	Rubber Tired Dozers	7/1/25	9/4/25	0	247	1.00	175-299	0	
D7	Site Preparation	Sweepers/Scrubbers	7/1/25	9/4/25	0	64	1.00	50-74	0	
D7	Site Preparation	Excavator	7/1/25	9/4/25	338	158	1.00	120-174	53,435	
D7	Site Preparation	Water Trucks	7/1/25	9/4/25	338	402	1.00	300-599	135,954	
D7	Site Preparation	Tractors/Loaders/Backhoes	7/1/25	9/4/25	338	97	1.00	75-119	32,805	
D7	Site Preparation	Surfacing Equipment	7/1/25	9/4/25	0	263	1.00	175-299	0	
D7	Site Preparation	Off-Highway Trucks	7/1/25	9/4/25	676	402	1.00	300-599	271,908	

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D7	Site Preparation	Pressure Washer	7/1/25	9/4/25	23	13	1.00	<25	293	
D7	Site Preparation	Pavers	7/1/25	9/4/25	0	130	1.00	120-174	0	
D7	Site Preparation	Rollers	7/1/25	9/4/25	113	80	1.00	75-119	9,019	
D7	Site Preparation	Skid-Steer Loaders	7/1/25	9/4/25	113	65	1.00	50-74	7,328	
D7	Site Preparation	Pumps	7/1/25	9/4/25	68	84	1.00	75-119	5,682	
D7	Site Preparation	Plate Compactors	7/1/25	9/4/25	113	8	1.00	<25	902	
D7	Site Preparation	Pile Drivers	7/1/25	9/4/25	451	470	0.50	300-599	211,935	
D7	Building Construction	Cranes	9/4/25	7/24/27	354	231	1.00	175-299	81,687	
D7	Building Construction	Forklifts	9/4/25	7/24/27	0	89	1.00	75-119	0	
D7	Building Construction	Generator Sets	9/4/25	7/24/27	0	84	1.00	75-119	0	
D7	Building Construction	Tractors/Loaders/Backhoes	9/4/25	7/24/27	0	97	1.00	75-119	0	
D7	Building Construction	Off-Highway Trucks	9/4/25	7/24/27	0	402	1.00	300-599	0	
D7	Building Construction	Aerial Lifts	9/4/25	7/24/27	0	63	1.00	50-74	0	
D7	Building Construction	Excavators	9/4/25	7/24/27	0	158	1.00	120-174	0	
D7	Building Construction	Cement and Mortar Mixers	9/4/25	7/24/27	0	9	1.00	<25	0	
D7	Building Construction	Concrete Pumps	9/4/25	7/24/27	2,357	84	1.00	75-119	198,029	
D7	Building Construction	Welders	9/4/25	7/24/27	0	46	1.00	25-49	0	
D7	Paving	Pavers	7/24/27	9/11/27	85	130	1.00	120-174	10,991	
D7	Paving	Rollers	7/24/27	9/11/27	85	80	1.00	75-119	6,764	
D7	Paving	Off-Highway Trucks	7/24/27	9/11/27	169	402	1.00	300-599	67,977	
D7	Paving	Tractors/Loaders/Backhoes	7/24/27	9/11/27	211	97	1.00	75-119	20,503	
D7	Paving	Concrete Saw	7/24/27	9/11/27	0	81	1.00	75-119	0	
D7	Arc. Coating	Air Compressors	9/11/27	10/31/27	0	78	1.00	75-119	0	1,115,211
D8-D13	Site Preparation	Concrete/Industrial Saws	6/1/23	10/5/23	0	81	1.00	75-119	0	
D8-D13	Site Preparation	Rubber Tired Dozers	6/1/23	10/5/23	0	247	1.00	175-299	0	
D8-D13	Site Preparation	Sweepers/Scrubbers	6/1/23	10/5/23	0	64	1.00	50-74	0	
D8-D13	Site Preparation	Excavator (Small 150 HP)	6/1/23	10/5/23	1,954	150	1.00	120-174	293,081	
D8-D13	Site Preparation	Water Trucks	6/1/23	10/5/23	651	402	1.00	300-599	261,819	
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	6/1/23	10/5/23	326	97	1.00	75-119	31,588	
D8-D13	Site Preparation	Surfacing Equipment	6/1/23	10/5/23	0	263	1.00	175-299	0	
D8-D13	Site Preparation	Off-Highway Trucks	6/1/23	10/5/23	0	402	1.00	300-599	0	
D8-D13	Site Preparation	Pressure Washer	6/1/23	10/5/23	22	13	1.00	<25	282	
D8-D13	Site Preparation	Pavers	6/1/23	10/5/23	0	130	1.00	120-174	0	
D8-D13	Site Preparation	Trench Roller (25 HP)	6/1/23	10/5/23	1,303	25	1.00	25-49	32,565	
D8-D13	Site Preparation	Skid-Steer Loaders	6/1/23	10/5/23	651	65	1.00	50-74	42,334	
D8-D13	Site Preparation	Pumps	6/1/23	10/5/23	0	84	1.00	75-119	0	
D8-D13	Site Preparation	Plate Compactors	6/1/23	10/5/23	651	8	1.00	<25	5,210	
D8-D13	Site Preparation	Pile Drivers	6/1/23	10/5/23	0	470	0.50	300-599	0	
D8-D13	Building Construction	Cranes (220 HP mobile crane)	10/5/23	4/24/27	4,445	220	1.00	175-299	977,856	
D8-D13	Building Construction	Forklifts	10/5/23	4/24/27	0	89	1.00	75-119	0	
D8-D13	Building Construction	Generator Sets	10/5/23	4/24/27	0	84	1.00	75-119	0	
D8-D13	Building Construction	Tractors/Loaders/Backhoes	10/5/23	4/24/27	0	97	1.00	75-119	0	
D8-D13	Building Construction	Off-Highway Trucks	10/5/23	4/24/27	0	402	1.00	300-599	0	

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Criteria Pollutant - OffRoad Emissions

D8-D13	Building Construction	Aerial Lifts	10/5/23	4/24/27	0	63	1.00	50-74	0	
D8-D13	Building Construction	Excavators	10/5/23	4/24/27	0	158	1.00	120-174	0	
D8-D13	Building Construction	Cement and Mortar Mixers - E	10/5/23	4/24/27	0	9	1.00	<25	0	
D8-D13	Building Construction	Concrete Pumps	10/5/23	4/24/27	2,222	84	1.00	75-119	186,682	
D8-D13	Building Construction	Welders	10/5/23	4/24/27	0	46	1.00	25-49	0	
D8-D13	Paving	Pavers	4/24/27	7/28/27	163	130	1.00	120-174	21,167	
D8-D13	Paving	Rollers	4/24/27	7/28/27	163	80	1.00	75-119	13,026	
D8-D13	Paving	Off-Highway Trucks	4/24/27	7/28/27	326	402	1.00	300-599	130,910	
D8-D13	Paving	Tractors/Loaders/Backhoes	4/24/27	7/28/27	407	97	1.00	75-119	39,485	
D8-D13	Paving	Concrete Saw	4/24/27	7/28/27	0	81	1.00	75-119	0	
D8-D13	Arc. Coating	Air Compressors	7/28/27	10/31/27	0	78	1.00	75-119	0	2,036,004
E1.1	Site Preparation	Concrete/Industrial Saws	1/1/24	2/21/24	0	81	1.00	75-119	0	
E1.1	Site Preparation	Rubber Tired Dozers	1/1/24	2/21/24	0	247	1.00	175-299	0	
E1.1	Site Preparation	Sweepers/Scrubbers	1/1/24	2/21/24	0	64	1.00	50-74	0	
E1.1	Site Preparation	Excavator	1/1/24	2/21/24	526	158	1.00	120-174	83,077	
E1.1	Site Preparation	Water Trucks	1/1/24	2/21/24	526	402	1.00	300-599	211,374	
E1.1	Site Preparation	Tractors/Loaders/Backhoes	1/1/24	2/21/24	394	97	1.00	75-119	38,252	
E1.1	Site Preparation	Surfacing Equipment	1/1/24	2/21/24	0	263	1.00	175-299	0	
E1.1	Site Preparation	Off-Highway Trucks	1/1/24	2/21/24	789	402	1.00	300-599	317,061	
E1.1	Site Preparation	Pressure Washer	1/1/24	2/21/24	26	13	1.00	<25	342	
E1.1	Site Preparation	Pavers	1/1/24	2/21/24	0	130	1.00	120-174	0	
E1.1	Site Preparation	Rollers	1/1/24	2/21/24	88	80	1.00	75-119	7,011	
E1.1	Site Preparation	Skid-Steer Loaders	1/1/24	2/21/24	88	65	1.00	50-74	5,696	
E1.1	Site Preparation	Pumps	1/1/24	2/21/24	26	84	1.00	75-119	2,208	
E1.1	Site Preparation	Plate Compactors	1/1/24	2/21/24	88	8	1.00	<25	701	
E1.1	Site Preparation	Pile Drivers	1/1/24	2/21/24	526	470	0.50	300-599	247,129	
E1.1	Building Construction	Cranes	2/21/24	8/15/25	417	231	1.00	175-299	96,442	
E1.1	Building Construction	Forklifts	2/21/24	8/15/25	0	89	1.00	75-119	0	
E1.1	Building Construction	Generator Sets	2/21/24	8/15/25	0	84	1.00	75-119	0	
E1.1	Building Construction	Tractors/Loaders/Backhoes	2/21/24	8/15/25	0	97	1.00	75-119	0	
E1.1	Building Construction	Off-Highway Trucks	2/21/24	8/15/25	0	402	1.00	300-599	0	
E1.1	Building Construction	Aerial Lifts	2/21/24	8/15/25	0	63	1.00	50-74	0	
E1.1	Building Construction	Excavators	2/21/24	8/15/25	0	158	1.00	120-174	0	
E1.1	Building Construction	Cement and Mortar Mixers	2/21/24	8/15/25	0	9	1.00	<25	0	
E1.1	Building Construction	Concrete Pumps	2/21/24	8/15/25	2,783	84	1.00	75-119	233,798	
E1.1	Building Construction	Welders	2/21/24	8/15/25	0	46	1.00	25-49	0	
E1.1	Paving	Pavers	8/15/25	9/22/25	131	130	1.00	120-174	17,089	
E1.1	Paving	Rollers	8/15/25	9/22/25	66	80	1.00	75-119	5,258	
E1.1	Paving	Off-Highway Trucks	8/15/25	9/22/25	131	402	1.00	300-599	52,843	
E1.1	Paving	Tractors/Loaders/Backhoes	8/15/25	9/22/25	164	97	1.00	75-119	15,938	
E1.1	Paving	Concrete Saw	8/15/25	9/22/25	0	81	1.00	75-119	0	
E1.1	Arc. Coating	Air Compressors	9/22/25	10/31/25	0	78	1.00	75-119	0	1,334,220
E1.2	Site Preparation	Concrete/Industrial Saws	10/1/23	12/5/23	0	81	1.00	75-119	0	

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E1.2	Site Preparation	Rubber Tired Dozers	10/1/23	12/5/23	0	247	1.00	175-299	0	
E1.2	Site Preparation	Sweepers/Scrubbers	10/1/23	12/5/23	0	64	1.00	50-74	0	
E1.2	Site Preparation	Excavator	10/1/23	12/5/23	1,354	158	1.00	120-174	213,999	
E1.2	Site Preparation	Water Trucks	10/1/23	12/5/23	677	402	1.00	300-599	272,239	
E1.2	Site Preparation	Tractors/Loaders/Backhoes	10/1/23	12/5/23	1,354	97	1.00	75-119	131,379	
E1.2	Site Preparation	Surfacing Equipment	10/1/23	12/5/23	0	263	1.00	175-299	0	
E1.2	Site Preparation	Off-Highway Trucks	10/1/23	12/5/23	1,016	402	1.00	300-599	408,358	
E1.2	Site Preparation	Pressure Washer	10/1/23	12/5/23	34	13	1.00	<25	440	
E1.2	Site Preparation	Pavers	10/1/23	12/5/23	0	130	1.00	120-174	0	
E1.2	Site Preparation	Rollers	10/1/23	12/5/23	226	80	1.00	75-119	18,059	
E1.2	Site Preparation	Skid-Steer Loaders	10/1/23	12/5/23	226	65	1.00	50-74	14,673	
E1.2	Site Preparation	Pumps	10/1/23	12/5/23	102	84	1.00	75-119	8,533	
E1.2	Site Preparation	Plate Compactors	10/1/23	12/5/23	339	8	1.00	<25	2,709	
E1.2	Site Preparation	Pile Drivers	10/1/23	12/5/23	677	470	0.50	300-599	318,289	
E1.2	Building Construction	Cranes	12/5/23	10/24/25	885	231	1.00	175-299	204,455	
E1.2	Building Construction	Forklifts	12/5/23	10/24/25	0	89	1.00	75-119	0	
E1.2	Building Construction	Generator Sets	12/5/23	10/24/25	0	84	1.00	75-119	0	
E1.2	Building Construction	Tractors/Loaders/Backhoes	12/5/23	10/24/25	0	97	1.00	75-119	0	
E1.2	Building Construction	Off-Highway Trucks	12/5/23	10/24/25	0	402	1.00	300-599	0	
E1.2	Building Construction	Aerial Lifts	12/5/23	10/24/25	0	63	1.00	50-74	0	
E1.2	Building Construction	Excavators	12/5/23	10/24/25	0	158	1.00	120-174	0	
E1.2	Building Construction	Cement and Mortar Mixers	12/5/23	10/24/25	0	9	1.00	<25	0	
E1.2	Building Construction	Concrete Pumps	12/5/23	10/24/25	4,720	84	1.00	75-119	396,518	
E1.2	Building Construction	Welders	12/5/23	10/24/25	0	46	1.00	25-49	0	
E1.2	Paving	Pavers	10/24/25	12/12/25	635	130	1.00	120-174	82,535	
E1.2	Paving	Rollers	10/24/25	12/12/25	635	80	1.00	75-119	50,791	
E1.2	Paving	Off-Highway Trucks	10/24/25	12/12/25	508	402	1.00	300-599	204,179	
E1.2	Paving	Tractors/Loaders/Backhoes	10/24/25	12/12/25	635	97	1.00	75-119	61,584	
E1.2	Paving	Concrete Saw	10/24/25	12/12/25	0	81	1.00	75-119	0	
E1.2	Arc. Coating	Air Compressors	12/12/25	1/31/26	0	78	1.00	75-119	0	2,388,741
F1-F2	Site Preparation	Concrete/Industrial Saws	6/1/24	8/8/24	0	81	1.00	75-119	0	
F1-F2	Site Preparation	Excavator	6/1/24	8/8/24	1,753	158	1.00	120-174	276,924	
F1-F2	Site Preparation	Off-Highway Trucks	6/1/24	8/8/24	1,402	402	1.00	300-599	563,664	
F1-F2	Site Preparation	Pavers	6/1/24	8/8/24	0	130	1.00	120-174	0	
F1-F2	Site Preparation	Pile Drivers	6/1/24	8/8/24	935	470	0.50	300-599	439,340	
F1-F2	Site Preparation	Plate Compactors	6/1/24	8/8/24	351	8	1.00	<25	2,804	
F1-F2	Site Preparation	Pressure Washer	6/1/24	8/8/24	47	13	1.00	<25	608	
F1-F2	Site Preparation	Pumps	6/1/24	8/8/24	175	84	1.00	75-119	14,723	
F1-F2	Site Preparation	Rollers	6/1/24	8/8/24	234	80	1.00	75-119	18,695	
F1-F2	Site Preparation	Rubber Tired Dozers	6/1/24	8/8/24	0	247	1.00	175-299	0	
F1-F2	Site Preparation	Skid-Steer Loaders	6/1/24	8/8/24	234	65	1.00	50-74	15,190	
F1-F2	Site Preparation	Surfacing Equipment	6/1/24	8/8/24	0	263	1.00	175-299	0	
F1-F2	Site Preparation	Sweepers/Scrubbers	6/1/24	8/8/24	0	64	1.00	50-74	0	

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F1-F2	Site Preparation	Tractors/Loaders/Backhoes	6/1/24	8/8/24	1,753	97	1.00	75-119	170,011	
F1-F2	Site Preparation	Water Trucks	6/1/24	8/8/24	1,052	402	1.00	300-599	422,748	
F1-F2	Building Construction	Aerial Lifts	8/8/24	7/20/26	0	63	1.00	50-74	0	
F1-F2	Building Construction	Cement and Mortar Mixers	8/8/24	7/20/26	0	9	1.00	<25	0	
F1-F2	Building Construction	Concrete Pumps	8/8/24	7/20/26	4,880	84	1.00	75-119	409,882	
F1-F2	Building Construction	Cranes	8/8/24	7/20/26	1,281	231	1.00	175-299	295,883	
F1-F2	Building Construction	Excavators	8/8/24	7/20/26	0	158	1.00	120-174	0	
F1-F2	Building Construction	Forklifts	8/8/24	7/20/26	0	89	1.00	75-119	0	
F1-F2	Building Construction	Generator Sets	8/8/24	7/20/26	0	84	1.00	75-119	0	
F1-F2	Building Construction	Off-Highway Trucks	8/8/24	7/20/26	0	402	1.00	300-599	0	
F1-F2	Building Construction	Tractors/Loaders/Backhoes	8/8/24	7/20/26	0	97	1.00	75-119	0	
F1-F2	Building Construction	Welders	8/8/24	7/20/26	0	46	1.00	25-49	0	
F1-F2	Paving	Concrete Saw	7/20/26	9/9/26	0	81	1.00	75-119	0	
F1-F2	Paving	Off-Highway Trucks	7/20/26	9/9/26	701	402	1.00	300-599	281,832	
F1-F2	Paving	Pavers	7/20/26	9/9/26	876	130	1.00	120-174	113,925	
F1-F2	Paving	Rollers	7/20/26	9/9/26	876	80	1.00	75-119	70,107	
F1-F2	Paving	Tractors/Loaders/Backhoes	7/20/26	9/9/26	876	97	1.00	75-119	85,005	
F1-F2	Arc. Coating	Air Compressors	9/9/26	10/31/26	0	78	1.00	75-119	0	3,181,340
F3	Site Preparation	Concrete/Industrial Saws	3/1/25	4/28/25	0	81	1.00	75-119	0	
F3	Site Preparation	Excavator	3/1/25	4/28/25	150	158	1.00	120-174	23,727	
F3	Site Preparation	Off-Highway Trucks	3/1/25	4/28/25	300	402	1.00	300-599	120,738	
F3	Site Preparation	Pavers	3/1/25	4/28/25	0	130	1.00	120-174	0	
F3	Site Preparation	Pile Drivers	3/1/25	4/28/25	200	470	0.50	300-599	94,107	
F3	Site Preparation	Plate Compactors	3/1/25	4/28/25	100	8	1.00	<25	801	
F3	Site Preparation	Pressure Washer	3/1/25	4/28/25	10	13	1.00	<25	130	
F3	Site Preparation	Pumps	3/1/25	4/28/25	30	84	1.00	75-119	2,523	
F3	Site Preparation	Rollers	3/1/25	4/28/25	100	80	1.00	75-119	8,009	
F3	Site Preparation	Rubber Tired Dozers	3/1/25	4/28/25	0	247	1.00	175-299	0	
F3	Site Preparation	Skid-Steer Loaders	3/1/25	4/28/25	100	65	1.00	50-74	6,507	
F3	Site Preparation	Surfacing Equipment	3/1/25	4/28/25	0	263	1.00	175-299	0	
F3	Site Preparation	Sweepers/Scrubbers	3/1/25	4/28/25	0	64	1.00	50-74	0	
F3	Site Preparation	Tractors/Loaders/Backhoes	3/1/25	4/28/25	150	97	1.00	75-119	14,567	
F3	Site Preparation	Water Trucks	3/1/25	4/28/25	300	402	1.00	300-599	120,738	
F3	Building Construction	Aerial Lifts	4/28/25	1/2/27	0	63	1.00	50-74	0	
F3	Building Construction	Cement and Mortar Mixers	4/28/25	1/2/27	0	9	1.00	<25	0	
F3	Building Construction	Concrete Pumps	4/28/25	1/2/27	2,105	84	1.00	75-119	176,832	
F3	Building Construction	Cranes	4/28/25	1/2/27	158	231	1.00	175-299	36,472	
F3	Building Construction	Excavators	4/28/25	1/2/27	0	158	1.00	120-174	0	
F3	Building Construction	Forklifts	4/28/25	1/2/27	0	89	1.00	75-119	0	
F3	Building Construction	Generator Sets	4/28/25	1/2/27	0	84	1.00	75-119	0	
F3	Building Construction	Off-Highway Trucks	4/28/25	1/2/27	0	402	1.00	300-599	0	
F3	Building Construction	Tractors/Loaders/Backhoes	4/28/25	1/2/27	0	97	1.00	75-119	0	
F3	Building Construction	Welders	4/28/25	1/2/27	0	46	1.00	25-49	0	

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F3	Paving	Concrete Saw	1/2/27	2/15/27	0	81	1.00	75-119	0	
F3	Paving	Off-Highway Trucks	1/2/27	2/15/27	150	402	1.00	300-599	60,369	
F3	Paving	Pavers	1/2/27	2/15/27	75	130	1.00	120-174	9,761	
F3	Paving	Rollers	1/2/27	2/15/27	75	80	1.00	75-119	6,007	
F3	Paving	Tractors/Loaders/Backhoes	1/2/27	2/15/27	188	97	1.00	75-119	18,208	
F3	Arc. Coating	Air Compressors	2/15/27	3/31/27	0	78	1.00	75-119	0	699,496
F4	Site Preparation	Concrete/Industrial Saws	6/1/24	8/8/24	0	81	1.00	75-119	0	
F4	Site Preparation	Excavator	6/1/24	8/8/24	351	158	1.00	120-174	55,385	
F4	Site Preparation	Off-Highway Trucks	6/1/24	8/8/24	701	402	1.00	300-599	281,832	
F4	Site Preparation	Pavers	6/1/24	8/8/24	0	130	1.00	120-174	0	
F4	Site Preparation	Pile Drivers	6/1/24	8/8/24	467	470	0.50	300-599	219,670	
F4	Site Preparation	Plate Compactors	6/1/24	8/8/24	117	8	1.00	<25	935	
F4	Site Preparation	Pressure Washer	6/1/24	8/8/24	12	13	1.00	<25	152	
F4	Site Preparation	Pumps	6/1/24	8/8/24	35	84	1.00	75-119	2,945	
F4	Site Preparation	Rollers	6/1/24	8/8/24	117	80	1.00	75-119	9,348	
F4	Site Preparation	Rubber Tired Dozers	6/1/24	8/8/24	0	247	1.00	175-299	0	
F4	Site Preparation	Skid-Steer Loaders	6/1/24	8/8/24	117	65	1.00	50-74	7,595	
F4	Site Preparation	Surfacing Equipment	6/1/24	8/8/24	0	263	1.00	175-299	0	
F4	Site Preparation	Sweepers/Scrubbers	6/1/24	8/8/24	0	64	1.00	50-74	0	
F4	Site Preparation	Tractors/Loaders/Backhoes	6/1/24	8/8/24	175	97	1.00	75-119	17,001	
F4	Site Preparation	Water Trucks	6/1/24	8/8/24	351	402	1.00	300-599	140,916	
F4	Building Construction	Aerial Lifts	8/8/24	7/20/26	0	63	1.00	50-74	0	
F4	Building Construction	Cement and Mortar Mixers	8/8/24	7/20/26	0	9	1.00	<25	0	
F4	Building Construction	Concrete Pumps	8/8/24	7/20/26	2,440	84	1.00	75-119	204,941	
F4	Building Construction	Cranes	8/8/24	7/20/26	366	231	1.00	175-299	84,538	
F4	Building Construction	Excavators	8/8/24	7/20/26	0	158	1.00	120-174	0	
F4	Building Construction	Forklifts	8/8/24	7/20/26	0	89	1.00	75-119	0	
F4	Building Construction	Generator Sets	8/8/24	7/20/26	0	84	1.00	75-119	0	
F4	Building Construction	Off-Highway Trucks	8/8/24	7/20/26	0	402	1.00	300-599	0	
F4	Building Construction	Tractors/Loaders/Backhoes	8/8/24	7/20/26	0	97	1.00	75-119	0	
F4	Building Construction	Welders	8/8/24	7/20/26	0	46	1.00	25-49	0	
F4	Paving	Concrete Saw	7/20/26	9/9/26	0	81	1.00	75-119	0	
F4	Paving	Off-Highway Trucks	7/20/26	9/9/26	175	402	1.00	300-599	70,458	
F4	Paving	Pavers	7/20/26	9/9/26	88	130	1.00	120-174	11,392	
F4	Paving	Rollers	7/20/26	9/9/26	88	80	1.00	75-119	7,011	
F4	Paving	Tractors/Loaders/Backhoes	7/20/26	9/9/26	219	97	1.00	75-119	21,251	
F4	Arc. Coating	Air Compressors	9/9/26	10/31/26	0	78	1.00	75-119	0	1,135,369
F5	Site Preparation	Concrete/Industrial Saws	10/1/22	12/20/22	0	81	1.00	75-119	0	
F5	Site Preparation	Excavator	10/1/22	12/20/22	207	158	1.00	120-174	32,633	
F5	Site Preparation	Off-Highway Trucks	10/1/22	12/20/22	413	402	1.00	300-599	166,056	
F5	Site Preparation	Pavers	10/1/22	12/20/22	0	130	1.00	120-174	0	
F5	Site Preparation	Pile Drivers	10/1/22	12/20/22	275	470	0.50	300-599	129,430	
F5	Site Preparation	Plate Compactors	10/1/22	12/20/22	138	8	1.00	<25	1,102	

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F5	Site Preparation	Pressure Washer	10/1/22	12/20/22	14	13	1.00	<25	179	
F5	Site Preparation	Pumps	10/1/22	12/20/22	41	84	1.00	75-119	3,470	
F5	Site Preparation	Rollers	10/1/22	12/20/22	138	80	1.00	75-119	11,015	
F5	Site Preparation	Rubber Tired Dozers	10/1/22	12/20/22	0	247	1.00	175-299	0	
F5	Site Preparation	Skid-Steer Loaders	10/1/22	12/20/22	138	65	1.00	50-74	8,950	
F5	Site Preparation	Surfacing Equipment	10/1/22	12/20/22	0	263	1.00	175-299	0	
F5	Site Preparation	Sweepers/Scrubbers	10/1/22	12/20/22	0	64	1.00	50-74	0	
F5	Site Preparation	Tractors/Loaders/Backhoes	10/1/22	12/20/22	207	97	1.00	75-119	20,034	
F5	Site Preparation	Water Trucks	10/1/22	12/20/22	413	402	1.00	300-599	166,056	
F5	Building Construction	Aerial Lifts	12/20/22	4/1/25	0	63	1.00	50-74	0	
F5	Building Construction	Cement and Mortar Mixers	12/20/22	4/1/25	0	9	1.00	<25	0	
F5	Building Construction	Concrete Pumps	12/20/22	4/1/25	1,428	84	1.00	75-119	119,981	
F5	Building Construction	Cranes	12/20/22	4/1/25	214	231	1.00	175-299	49,492	
F5	Building Construction	Excavators	12/20/22	4/1/25	0	158	1.00	120-174	0	
F5	Building Construction	Forklifts	12/20/22	4/1/25	0	89	1.00	75-119	0	
F5	Building Construction	Generator Sets	12/20/22	4/1/25	0	84	1.00	75-119	0	
F5	Building Construction	Off-Highway Trucks	12/20/22	4/1/25	0	402	1.00	300-599	0	
F5	Building Construction	Tractors/Loaders/Backhoes	12/20/22	4/1/25	0	97	1.00	75-119	0	
F5	Building Construction	Welders	12/20/22	4/1/25	0	46	1.00	25-49	0	
F5	Paving	Concrete Saw	4/1/25	5/31/25	0	81	1.00	75-119	0	
F5	Paving	Off-Highway Trucks	4/1/25	5/31/25	207	402	1.00	300-599	83,028	
F5	Paving	Pavers	4/1/25	5/31/25	103	130	1.00	120-174	13,425	
F5	Paving	Rollers	4/1/25	5/31/25	103	80	1.00	75-119	8,261	
F5	Paving	Tractors/Loaders/Backhoes	4/1/25	5/31/25	258	97	1.00	75-119	25,043	
F5	Arc. Coating	Air Compressors	5/31/25	7/31/25	0	78	1.00	75-119	0	838,154
F6	Site Preparation	Concrete/Industrial Saws	7/1/24	9/2/24	0	81	1.00	75-119	0	
F6	Site Preparation	Excavator	7/1/24	9/2/24	163	158	1.00	120-174	25,742	
F6	Site Preparation	Off-Highway Trucks	7/1/24	9/2/24	326	402	1.00	300-599	130,992	
F6	Site Preparation	Pavers	7/1/24	9/2/24	0	130	1.00	120-174	0	
F6	Site Preparation	Pile Drivers	7/1/24	9/2/24	217	470	0.50	300-599	102,100	
F6	Site Preparation	Plate Compactors	7/1/24	9/2/24	109	8	1.00	<25	869	
F6	Site Preparation	Pressure Washer	7/1/24	9/2/24	11	13	1.00	<25	141	
F6	Site Preparation	Pumps	7/1/24	9/2/24	33	84	1.00	75-119	2,737	
F6	Site Preparation	Rollers	7/1/24	9/2/24	109	80	1.00	75-119	8,689	
F6	Site Preparation	Rubber Tired Dozers	7/1/24	9/2/24	0	247	1.00	175-299	0	
F6	Site Preparation	Skid-Steer Loaders	7/1/24	9/2/24	109	65	1.00	50-74	7,060	
F6	Site Preparation	Surfacing Equipment	7/1/24	9/2/24	0	263	1.00	175-299	0	
F6	Site Preparation	Sweepers/Scrubbers	7/1/24	9/2/24	0	64	1.00	50-74	0	
F6	Site Preparation	Tractors/Loaders/Backhoes	7/1/24	9/2/24	163	97	1.00	75-119	15,804	
F6	Site Preparation	Water Trucks	7/1/24	9/2/24	326	402	1.00	300-599	130,992	
F6	Building Construction	Aerial Lifts	9/2/24	6/27/26	0	63	1.00	50-74	0	
F6	Building Construction	Cement and Mortar Mixers	9/2/24	6/27/26	0	9	1.00	<25	0	
F6	Building Construction	Concrete Pumps	9/2/24	6/27/26	1,138	84	1.00	75-119	95,558	

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F6	Building Construction	Cranes	9/2/24	6/27/26	171	231	1.00	175-299	39,418	
F6	Building Construction	Excavators	9/2/24	6/27/26	0	158	1.00	120-174	0	
F6	Building Construction	Forklifts	9/2/24	6/27/26	0	89	1.00	75-119	0	
F6	Building Construction	Generator Sets	9/2/24	6/27/26	0	84	1.00	75-119	0	
F6	Building Construction	Off-Highway Trucks	9/2/24	6/27/26	0	402	1.00	300-599	0	
F6	Building Construction	Tractors/Loaders/Backhoes	9/2/24	6/27/26	0	97	1.00	75-119	0	
F6	Building Construction	Welders	9/2/24	6/27/26	0	46	1.00	25-49	0	
F6	Paving	Concrete Saw	6/27/26	8/14/26	0	81	1.00	75-119	0	
F6	Paving	Off-Highway Trucks	6/27/26	8/14/26	163	402	1.00	300-599	65,496	
F6	Paving	Pavers	6/27/26	8/14/26	81	130	1.00	120-174	10,590	
F6	Paving	Rollers	6/27/26	8/14/26	81	80	1.00	75-119	6,517	
F6	Paving	Tractors/Loaders/Backhoes	6/27/26	8/14/26	204	97	1.00	75-119	19,755	
F6	Arc. Coating	Air Compressors	8/14/26	10/1/26	0	78	1.00	75-119	0	662,462
G1	Site Preparation	Concrete/Industrial Saws	1/1/25	3/7/25	0	81	1.00	75-119	0	
G1	Site Preparation	Excavator	1/1/25	3/7/25	337	158	1.00	120-174	53,305	
G1	Site Preparation	Off-Highway Trucks	1/1/25	3/7/25	337	402	1.00	300-599	135,623	
G1	Site Preparation	Pavers	1/1/25	3/7/25	0	130	1.00	120-174	0	
G1	Site Preparation	Pile Drivers	1/1/25	3/7/25	225	470	0.50	300-599	105,710	
G1	Site Preparation	Plate Compactors	1/1/25	3/7/25	112	8	1.00	<25	900	
G1	Site Preparation	Pressure Washer	1/1/25	3/7/25	11	13	1.00	<25	146	
G1	Site Preparation	Pumps	1/1/25	3/7/25	34	84	1.00	75-119	2,834	
G1	Site Preparation	Rollers	1/1/25	3/7/25	112	80	1.00	75-119	8,997	
G1	Site Preparation	Rubber Tired Dozers	1/1/25	3/7/25	0	247	1.00	175-299	0	
G1	Site Preparation	Skid-Steer Loaders	1/1/25	3/7/25	112	65	1.00	50-74	7,310	
G1	Site Preparation	Surfacing Equipment	1/1/25	3/7/25	0	263	1.00	175-299	0	
G1	Site Preparation	Sweepers/Scrubbers	1/1/25	3/7/25	0	64	1.00	50-74	0	
G1	Site Preparation	Tractors/Loaders/Backhoes	1/1/25	3/7/25	337	97	1.00	75-119	32,725	
G1	Site Preparation	Water Trucks	1/1/25	3/7/25	337	402	1.00	300-599	135,623	
G1	Building Construction	Aerial Lifts	3/7/25	1/22/27	0	63	1.00	50-74	0	
G1	Building Construction	Cement and Mortar Mixers	3/7/25	1/22/27	0	9	1.00	<25	0	
G1	Building Construction	Concrete Pumps	3/7/25	1/22/27	2,352	84	1.00	75-119	197,568	
G1	Building Construction	Cranes	3/7/25	1/22/27	706	231	1.00	175-299	162,994	
G1	Building Construction	Excavators	3/7/25	1/22/27	0	158	1.00	120-174	0	
G1	Building Construction	Forklifts	3/7/25	1/22/27	0	89	1.00	75-119	0	
G1	Building Construction	Generator Sets	3/7/25	1/22/27	0	84	1.00	75-119	0	
G1	Building Construction	Off-Highway Trucks	3/7/25	1/22/27	0	402	1.00	300-599	0	
G1	Building Construction	Tractors/Loaders/Backhoes	3/7/25	1/22/27	0	97	1.00	75-119	0	
G1	Building Construction	Welders	3/7/25	1/22/27	0	46	1.00	25-49	0	
G1	Paving	Concrete Saw	1/22/27	3/12/27	0	81	1.00	75-119	0	
G1	Paving	Off-Highway Trucks	1/22/27	3/12/27	169	402	1.00	300-599	67,812	
G1	Paving	Pavers	1/22/27	3/12/27	84	130	1.00	120-174	10,965	
G1	Paving	Rollers	1/22/27	3/12/27	84	80	1.00	75-119	6,747	
G1	Paving	Tractors/Loaders/Backhoes	1/22/27	3/12/27	211	97	1.00	75-119	20,453	

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G1	Arc. Coating	Air Compressors	3/12/27	5/1/27	0	78	1.00	75-119	0	949,711
H1	Site Preparation	Concrete/Industrial Saws	7/1/24	9/4/24	0	81	1.00	75-119	0	
H1	Site Preparation	Excavator	7/1/24	9/4/24	338	158	1.00	120-174	53,435	
H1	Site Preparation	Off-Highway Trucks	7/1/24	9/4/24	338	402	1.00	300-599	135,954	
H1	Site Preparation	Pavers	7/1/24	9/4/24	0	130	1.00	120-174	0	
H1	Site Preparation	Pile Drivers	7/1/24	9/4/24	225	470	0.50	300-599	105,968	
H1	Site Preparation	Plate Compactors	7/1/24	9/4/24	113	8	1.00	<25	902	
H1	Site Preparation	Pressure Washer	7/1/24	9/4/24	11	13	1.00	<25	147	
H1	Site Preparation	Pumps	7/1/24	9/4/24	34	84	1.00	75-119	2,841	
H1	Site Preparation	Rollers	7/1/24	9/4/24	113	80	1.00	75-119	9,019	
H1	Site Preparation	Rubber Tired Dozers	7/1/24	9/4/24	0	247	1.00	175-299	0	
H1	Site Preparation	Skid-Steer Loaders	7/1/24	9/4/24	113	65	1.00	50-74	7,328	
H1	Site Preparation	Surfacing Equipment	7/1/24	9/4/24	0	263	1.00	175-299	0	
H1	Site Preparation	Sweepers/Scrubbers	7/1/24	9/4/24	0	64	1.00	50-74	0	
H1	Site Preparation	Tractors/Loaders/Backhoes	7/1/24	9/4/24	338	97	1.00	75-119	32,805	
H1	Site Preparation	Water Trucks	7/1/24	9/4/24	338	402	1.00	300-599	135,954	
H1	Building Construction	Aerial Lifts	9/4/24	7/24/26	0	63	1.00	50-74	0	
H1	Building Construction	Cement and Mortar Mixers	9/4/24	7/24/26	0	9	1.00	<25	0	
H1	Building Construction	Concrete Pumps	9/4/24	7/24/26	1,179	84	1.00	75-119	99,014	
H1	Building Construction	Cranes	9/4/24	7/24/26	354	231	1.00	175-299	81,687	
H1	Building Construction	Excavators	9/4/24	7/24/26	0	158	1.00	120-174	0	
H1	Building Construction	Forklifts	9/4/24	7/24/26	0	89	1.00	75-119	0	
H1	Building Construction	Generator Sets	9/4/24	7/24/26	0	84	1.00	75-119	0	
H1	Building Construction	Off-Highway Trucks	9/4/24	7/24/26	0	402	1.00	300-599	0	
H1	Building Construction	Tractors/Loaders/Backhoes	9/4/24	7/24/26	0	97	1.00	75-119	0	
H1	Building Construction	Welders	9/4/24	7/24/26	0	46	1.00	25-49	0	
H1	Paving	Concrete Saw	7/24/26	9/11/26	0	81	1.00	75-119	0	
H1	Paving	Off-Highway Trucks	7/24/26	9/11/26	169	402	1.00	300-599	67,977	
H1	Paving	Pavers	7/24/26	9/11/26	85	130	1.00	120-174	10,991	
H1	Paving	Rollers	7/24/26	9/11/26	85	80	1.00	75-119	6,764	
H1	Paving	Tractors/Loaders/Backhoes	7/24/26	9/11/26	211	97	1.00	75-119	20,503	
H1	Arc. Coating	Air Compressors	9/11/26	10/31/26	0	78	1.00	75-119	0	771,287
H2	Site Preparation	Concrete/Industrial Saws	1/1/29	2/25/29	0	81	1.00	75-119	0	
H2	Site Preparation	Excavator	1/1/29	2/25/29	144	158	1.00	120-174	22,719	
H2	Site Preparation	Off-Highway Trucks	1/1/29	2/25/29	288	402	1.00	300-599	115,611	
H2	Site Preparation	Pavers	1/1/29	2/25/29	0	130	1.00	120-174	0	
H2	Site Preparation	Pile Drivers	1/1/29	2/25/29	192	470	0.50	300-599	90,111	
H2	Site Preparation	Plate Compactors	1/1/29	2/25/29	96	8	1.00	<25	767	
H2	Site Preparation	Pressure Washer	1/1/29	2/25/29	10	13	1.00	<25	125	
H2	Site Preparation	Pumps	1/1/29	2/25/29	29	84	1.00	75-119	2,416	
H2	Site Preparation	Rollers	1/1/29	2/25/29	96	80	1.00	75-119	7,669	
H2	Site Preparation	Rubber Tired Dozers	1/1/29	2/25/29	0	247	1.00	175-299	0	

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H2	Site Preparation	Skid-Steer Loaders	1/1/29	2/25/29	96	65	1.00	50-74	6,231	
H2	Site Preparation	Surfacing Equipment	1/1/29	2/25/29	0	263	1.00	175-299	0	
H2	Site Preparation	Sweepers/Scrubbers	1/1/29	2/25/29	0	64	1.00	50-74	0	
H2	Site Preparation	Tractors/Loaders/Backhoes	1/1/29	2/25/29	144	97	1.00	75-119	13,948	
H2	Site Preparation	Water Trucks	1/1/29	2/25/29	288	402	1.00	300-599	115,611	
H2	Building Construction	Aerial Lifts	2/25/29	10/8/30	0	63	1.00	50-74	0	
H2	Building Construction	Cement and Mortar Mixers	2/25/29	10/8/30	0	9	1.00	<25	0	
H2	Building Construction	Concrete Pumps	2/25/29	10/8/30	1,010	84	1.00	75-119	84,845	
H2	Building Construction	Cranes	2/25/29	10/8/30	152	231	1.00	175-299	34,998	
H2	Building Construction	Excavators	2/25/29	10/8/30	0	158	1.00	120-174	0	
H2	Building Construction	Forklifts	2/25/29	10/8/30	0	89	1.00	75-119	0	
H2	Building Construction	Generator Sets	2/25/29	10/8/30	0	84	1.00	75-119	0	
H2	Building Construction	Off-Highway Trucks	2/25/29	10/8/30	0	402	1.00	300-599	0	
H2	Building Construction	Tractors/Loaders/Backhoes	2/25/29	10/8/30	0	97	1.00	75-119	0	
H2	Building Construction	Welders	2/25/29	10/8/30	0	46	1.00	25-49	0	
H2	Paving	Concrete Saw	10/8/30	11/19/30	0	81	1.00	75-119	0	
H2	Paving	Off-Highway Trucks	10/8/30	11/19/30	144	402	1.00	300-599	57,805	
H2	Paving	Pavers	10/8/30	11/19/30	72	130	1.00	120-174	9,347	
H2	Paving	Rollers	10/8/30	11/19/30	72	80	1.00	75-119	5,752	
H2	Paving	Tractors/Loaders/Backhoes	10/8/30	11/19/30	180	97	1.00	75-119	17,435	
H2	Arc. Coating	Air Compressors	11/19/30	12/31/30	0	78	1.00	75-119	0	585,389
H3	Site Preparation	Concrete/Industrial Saws	7/1/25	9/9/25	0	81	1.00	75-119	0	
H3	Site Preparation	Excavator	7/1/25	9/9/25	727	158	1.00	120-174	114,800	
H3	Site Preparation	Off-Highway Trucks	7/1/25	9/9/25	727	402	1.00	300-599	292,086	
H3	Site Preparation	Pavers	7/1/25	9/9/25	0	130	1.00	120-174	0	
H3	Site Preparation	Pile Drivers	7/1/25	9/9/25	484	470	0.50	300-599	227,663	
H3	Site Preparation	Plate Compactors	7/1/25	9/9/25	242	8	1.00	<25	1,938	
H3	Site Preparation	Pressure Washer	7/1/25	9/9/25	36	13	1.00	<25	472	
H3	Site Preparation	Pumps	7/1/25	9/9/25	109	84	1.00	75-119	9,155	
H3	Site Preparation	Rollers	7/1/25	9/9/25	121	80	1.00	75-119	9,688	
H3	Site Preparation	Rubber Tired Dozers	7/1/25	9/9/25	0	247	1.00	175-299	0	
H3	Site Preparation	Skid-Steer Loaders	7/1/25	9/9/25	121	65	1.00	50-74	7,871	
H3	Site Preparation	Surfacing Equipment	7/1/25	9/9/25	0	263	1.00	175-299	0	
H3	Site Preparation	Sweepers/Scrubbers	7/1/25	9/9/25	0	64	1.00	50-74	0	
H3	Site Preparation	Tractors/Loaders/Backhoes	7/1/25	9/9/25	727	97	1.00	75-119	70,479	
H3	Site Preparation	Water Trucks	7/1/25	9/9/25	363	402	1.00	300-599	146,043	
H3	Building Construction	Aerial Lifts	9/9/25	9/16/27	0	63	1.00	50-74	0	
H3	Building Construction	Cement and Mortar Mixers	9/9/25	9/16/27	0	9	1.00	<25	0	
H3	Building Construction	Concrete Pumps	9/9/25	9/16/27	3,787	84	1.00	75-119	318,125	
H3	Building Construction	Cranes	9/9/25	9/16/27	757	231	1.00	175-299	174,969	
H3	Building Construction	Excavators	9/9/25	9/16/27	0	158	1.00	120-174	0	
H3	Building Construction	Forklifts	9/9/25	9/16/27	0	89	1.00	75-119	0	
H3	Building Construction	Generator Sets	9/9/25	9/16/27	0	84	1.00	75-119	0	

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H3	Building Construction	Off-Highway Trucks	9/9/25	9/16/27	0	402	1.00	300-599	0	
H3	Building Construction	Tractors/Loaders/Backhoes	9/9/25	9/16/27	0	97	1.00	75-119	0	
H3	Building Construction	Welders	9/9/25	9/16/27	0	46	1.00	25-49	0	
H3	Paving	Concrete Saw	9/16/27	11/8/27	0	81	1.00	75-119	0	
H3	Paving	Off-Highway Trucks	9/16/27	11/8/27	363	402	1.00	300-599	146,043	
H3	Paving	Pavers	9/16/27	11/8/27	182	130	1.00	120-174	23,614	
H3	Paving	Rollers	9/16/27	11/8/27	182	80	1.00	75-119	14,532	
H3	Paving	Tractors/Loaders/Backhoes	9/16/27	11/8/27	454	97	1.00	75-119	44,049	
H3	Arc. Coating	Air Compressors	11/8/27	12/31/27	0	78	1.00	75-119	0	1,601,526
H4	Site Preparation	Concrete/Industrial Saws	2/1/27	3/29/27	0	81	1.00	75-119	0	
H4	Site Preparation	Excavator	2/1/27	3/29/27	288	158	1.00	120-174	45,504	
H4	Site Preparation	Off-Highway Trucks	2/1/27	3/29/27	576	402	1.00	300-599	231,552	
H4	Site Preparation	Pavers	2/1/27	3/29/27	0	130	1.00	120-174	0	
H4	Site Preparation	Pile Drivers	2/1/27	3/29/27	384	470	0.50	300-599	180,480	
H4	Site Preparation	Plate Compactors	2/1/27	3/29/27	96	8	1.00	<25	768	
H4	Site Preparation	Pressure Washer	2/1/27	3/29/27	10	13	1.00	<25	125	
H4	Site Preparation	Pumps	2/1/27	3/29/27	29	84	1.00	75-119	2,419	
H4	Site Preparation	Rollers	2/1/27	3/29/27	96	80	1.00	75-119	7,680	
H4	Site Preparation	Rubber Tired Dozers	2/1/27	3/29/27	0	247	1.00	175-299	0	
H4	Site Preparation	Skid-Steer Loaders	2/1/27	3/29/27	96	65	1.00	50-74	6,240	
H4	Site Preparation	Surfacing Equipment	2/1/27	3/29/27	0	263	1.00	175-299	0	
H4	Site Preparation	Sweepers/Scrubbers	2/1/27	3/29/27	0	64	1.00	50-74	0	
H4	Site Preparation	Tractors/Loaders/Backhoes	2/1/27	3/29/27	144	97	1.00	75-119	13,968	
H4	Site Preparation	Water Trucks	2/1/27	3/29/27	288	402	1.00	300-599	115,776	
H4	Building Construction	Aerial Lifts	3/29/27	11/8/28	0	63	1.00	50-74	0	
H4	Building Construction	Cement and Mortar Mixers	3/29/27	11/8/28	0	9	1.00	<25	0	
H4	Building Construction	Concrete Pumps	3/29/27	11/8/28	2,023	84	1.00	75-119	169,920	
H4	Building Construction	Cranes	3/29/27	11/8/28	303	231	1.00	175-299	70,092	
H4	Building Construction	Excavators	3/29/27	11/8/28	0	158	1.00	120-174	0	
H4	Building Construction	Forklifts	3/29/27	11/8/28	0	89	1.00	75-119	0	
H4	Building Construction	Generator Sets	3/29/27	11/8/28	0	84	1.00	75-119	0	
H4	Building Construction	Off-Highway Trucks	3/29/27	11/8/28	0	402	1.00	300-599	0	
H4	Building Construction	Tractors/Loaders/Backhoes	3/29/27	11/8/28	0	97	1.00	75-119	0	
H4	Building Construction	Welders	3/29/27	11/8/28	0	46	1.00	25-49	0	
H4	Paving	Concrete Saw	11/8/28	12/20/28	0	81	1.00	75-119	0	
H4	Paving	Off-Highway Trucks	11/8/28	12/20/28	144	402	1.00	300-599	57,888	
H4	Paving	Pavers	11/8/28	12/20/28	72	130	1.00	120-174	9,360	
H4	Paving	Rollers	11/8/28	12/20/28	72	80	1.00	75-119	5,760	
H4	Paving	Tractors/Loaders/Backhoes	11/8/28	12/20/28	180	97	1.00	75-119	17,460	
H4	Arc. Coating	Air Compressors	12/20/28	1/31/29	0	78	1.00	75-119	0	934,992
150 SM	Site Preparation	Concrete/Industrial Saws	10/1/24	11/28/24	0	81	1.00	75-119	0	
150 SM	Site Preparation	Rubber Tired Dozers	10/1/24	11/28/24	0	247	1.00	175-299	0	
150 SM	Site Preparation	Sweepers/Scrubbers	10/1/24	11/28/24	0	64	1.00	50-74	0	

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150 SM	Site Preparation	Excavator (Small 150 HP)	10/1/24	11/28/24	601	150	1.00	120-174	90,103	
150 SM	Site Preparation	Water Trucks	10/1/24	11/28/24	300	402	1.00	300-599	120,738	
150 SM	Site Preparation	Tractors/Loaders/Backhoes	10/1/24	11/28/24	150	97	1.00	75-119	14,567	
150 SM	Site Preparation	Surfacing Equipment	10/1/24	11/28/24	0	263	1.00	175-299	0	
150 SM	Site Preparation	Off-Highway Trucks	10/1/24	11/28/24	0	402	1.00	300-599	0	
150 SM	Site Preparation	Pressure Washer	10/1/24	11/28/24	10	13	1.00	<25	130	
150 SM	Site Preparation	Pavers	10/1/24	11/28/24	0	130	1.00	120-174	0	
150 SM	Site Preparation	Trench Roller (25 HP)	10/1/24	11/28/24	200	25	1.00	25-49	5,006	
150 SM	Site Preparation	Skid-Steer Loaders	10/1/24	11/28/24	100	65	1.00	50-74	6,507	
150 SM	Site Preparation	Pumps	10/1/24	11/28/24	0	84	1.00	75-119	0	
150 SM	Site Preparation	Plate Compactors	10/1/24	11/28/24	100	8	1.00	<25	801	
150 SM	Site Preparation	Pile Drivers	10/1/24	11/28/24	0	470	0.50	300-599	0	
150 SM	Building Construction	Cranes (220 HP mobile crane)	11/28/24	8/4/26	1,053	220	1.00	175-299	231,566	
150 SM	Building Construction	Forklifts	11/28/24	8/4/26	0	89	1.00	75-119	0	
150 SM	Building Construction	Generator Sets	11/28/24	8/4/26	0	84	1.00	75-119	0	
150 SM	Building Construction	Tractors/Loaders/Backhoes	11/28/24	8/4/26	0	97	1.00	75-119	0	
150 SM	Building Construction	Off-Highway Trucks	11/28/24	8/4/26	0	402	1.00	300-599	0	
150 SM	Building Construction	Aerial Lifts	11/28/24	8/4/26	0	63	1.00	50-74	0	
150 SM	Building Construction	Excavators	11/28/24	8/4/26	0	158	1.00	120-174	0	
150 SM	Building Construction	Cement and Mortar Mixers - E	11/28/24	8/4/26	0	9	1.00	<25	0	
150 SM	Building Construction	Concrete Pumps	11/28/24	8/4/26	526	84	1.00	75-119	44,208	
150 SM	Building Construction	Welders	11/28/24	8/4/26	0	46	1.00	25-49	0	
150 SM	Paving	Pavers	8/4/26	9/17/26	75	130	1.00	120-174	9,761	
150 SM	Paving	Rollers	8/4/26	9/17/26	75	80	1.00	75-119	6,007	
150 SM	Paving	Off-Highway Trucks	8/4/26	9/17/26	150	402	1.00	300-599	60,369	
150 SM	Paving	Tractors/Loaders/Backhoes	8/4/26	9/17/26	188	97	1.00	75-119	18,208	
150 SM	Paving	Concrete Saw	8/4/26	9/17/26	0	81	1.00	75-119	0	
150 SM	Arc. Coating	Air Compressors	9/17/26	10/31/26	0	78	1.00	75-119	0	607,970
40 SM	Site Preparation	Concrete/Industrial Saws	1/1/24	2/21/24	0	81	1.00	75-119	0	
40 SM	Site Preparation	Rubber Tired Dozers	1/1/24	2/21/24	0	247	1.00	175-299	0	
40 SM	Site Preparation	Sweepers/Scrubbers	1/1/24	2/21/24	0	64	1.00	50-74	0	
40 SM	Site Preparation	Excavator (Small 150 HP)	1/1/24	2/21/24	526	150	1.00	120-174	78,871	
40 SM	Site Preparation	Water Trucks	1/1/24	2/21/24	263	402	1.00	300-599	105,687	
40 SM	Site Preparation	Tractors/Loaders/Backhoes	1/1/24	2/21/24	131	97	1.00	75-119	12,751	
40 SM	Site Preparation	Surfacing Equipment	1/1/24	2/21/24	0	263	1.00	175-299	0	
40 SM	Site Preparation	Off-Highway Trucks	1/1/24	2/21/24	0	402	1.00	300-599	0	
40 SM	Site Preparation	Pile Drivers	1/1/24	2/21/24	0	470	0.50	300-599	0	
40 SM	Site Preparation	Pressure Washer	1/1/24	2/21/24	9	13	1.00	<25	114	
40 SM	Site Preparation	Pavers	1/1/24	2/21/24	0	130	1.00	120-174	0	
40 SM	Site Preparation	Trench Roller (25 HP)	1/1/24	2/21/24	175	25	1.00	25-49	4,382	
40 SM	Site Preparation	Skid-Steer Loaders	1/1/24	2/21/24	88	65	1.00	50-74	5,696	
40 SM	Site Preparation	Pumps	1/1/24	2/21/24	0	84	1.00	75-119	0	
40 SM	Site Preparation	Plate Compactors	1/1/24	2/21/24	88	8	1.00	<25	701	

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Criteria Pollutant - OffRoad Emissions

40 SM	Building Construction	Cranes (220 HP mobile crane)	2/21/24	8/15/25	928	220	1.00	175-299	204,110	
40 SM	Building Construction	Forklifts	2/21/24	8/15/25	0	89	1.00	75-119	0	
40 SM	Building Construction	Generator Sets	2/21/24	8/15/25	0	84	1.00	75-119	0	
40 SM	Building Construction	Tractors/Loaders/Backhoes	2/21/24	8/15/25	0	97	1.00	75-119	0	
40 SM	Building Construction	Off-Highway Trucks	2/21/24	8/15/25	0	402	1.00	300-599	0	
40 SM	Building Construction	Aerial Lifts	2/21/24	8/15/25	0	63	1.00	50-74	0	
40 SM	Building Construction	Excavators	2/21/24	8/15/25	0	158	1.00	120-174	0	
40 SM	Building Construction	Cement and Mortar Mixers - E	2/21/24	8/15/25	0	9	1.00	<25	0	
40 SM	Building Construction	Concrete Pumps	2/21/24	8/15/25	464	84	1.00	75-119	38,966	
40 SM	Building Construction	Welders	2/21/24	8/15/25	0	46	1.00	25-49	0	
40 SM	Paving	Pavers	8/15/25	9/22/25	66	130	1.00	120-174	8,544	
40 SM	Paving	Rollers	8/15/25	9/22/25	66	80	1.00	75-119	5,258	
40 SM	Paving	Off-Highway Trucks	8/15/25	9/22/25	131	402	1.00	300-599	52,843	
40 SM	Paving	Tractors/Loaders/Backhoes	8/15/25	9/22/25	164	97	1.00	75-119	15,938	
40 SM	Paving	Concrete Saw	8/15/25	9/22/25	0	81	1.00	75-119	0	
40 SM	Arc. Coating	Air Compressors	9/22/25	10/31/25	0	78	1.00	75-119	0	533,862
LTA B1-1	Paving	Concrete/Industrial Saws	7/1/25	7/6/25	0	81	1.00	75-119	0	
LTA B1-1	Paving	Cement and Mortar Mixers	7/1/25	7/6/25	0	9	1.00	<25	0	
LTA B1-1	Paving	Sweepers/Scrubbers	7/1/25	7/6/25	0	64	1.00	50-74	0	
LTA B1-1	Paving	Pressure Washer	7/1/25	7/6/25	1	13	1.00	<25	11	11
LTA B1-2	Paving	Concrete/Industrial Saws	7/8/25	7/13/25	0	81	1.00	75-119	0	
LTA B1-2	Paving	Cement and Mortar Mixers	7/8/25	7/13/25	0	9	1.00	<25	0	
LTA B1-2	Paving	Sweepers/Scrubbers	7/8/25	7/13/25	0	64	1.00	50-74	0	
LTA B1-2	Paving	Pressure Washer	7/8/25	7/13/25	1	13	1.00	<25	11	11
LTA B1-3	Paving	Pile Drivers	7/15/25	8/12/25	192	470	0.50	300-599	90,240	
LTA B1-3	Paving	Generator Sets	7/15/25	8/12/25	0	84	1.00	75-119	0	
LTA B1-3	Paving	Cranes (220 HP mobile crane)	7/15/25	8/12/25	116	220	1.00	175-299	25,520	
LTA B1-3	Paving	Cement and Mortar Mixers - E	7/15/25	8/12/25	0	9	1.00	<25	0	115,760
LTA B1-4	Paving	Tractors/Loaders/Backhoes	8/13/25	8/23/25	51	97	1.00	75-119	4,989	
LTA B1-4	Paving	Pavers	8/13/25	8/23/25	51	130	1.00	120-174	6,686	
LTA B1-4	Paving	Cement and Mortar Mixers - E	8/13/25	8/23/25	0	9	1.00	<25	0	
LTA B1-4	Paving	Generator Sets	8/13/25	8/23/25	0	84	1.00	75-119	0	11,674
LTA B1-4	Paving	Excavator (Small 150 HP)	8/24/25	9/3/25	69	150	1.00	120-174	10,286	
LTA B1-4	Paving	Pavers	8/24/25	9/3/25	51	130	1.00	120-174	6,686	
LTA B1-4	Paving	Cement and Mortar Mixers - E	8/24/25	9/3/25	0	9	1.00	<25	0	
LTA B1-4	Paving	Generator Sets	8/24/25	9/3/25	0	84	1.00	75-119	0	16,971
Excavation	1	E - Excavators	7/1/21	7/1/24	14,100	270	0.38	175-299	3,807,000	
Excavation	1	E - Rubber Tired Dozers	7/1/21	7/1/24	28,200	170	0.40	120-174	4,794,000	
Excavation	1	E - Off-Highway Trucks	7/1/21	7/1/24	22,560	300	0.38	300-599	6,768,000	
Excavation	1	E - Pressure Washers	7/1/21	7/1/24	282	13	0.30	<25	3,666	
Excavation	1	E - Pumps	7/1/21	7/1/24	8,460	84	0.74	75-119	710,640	
Excavation	1	E - Bore/Drill Rigs	7/1/21	7/1/24	16,920	350	0.50	300-599	5,922,000	
Excavation	1	E - Ground anchoring	7/1/21	7/1/24	11,280	215	0.30	175-299	2,425,200	

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Criteria Pollutant - OffRoad Emissions

Excavation	1	- Mobile Concrete Pump - Tier 4 Diese	7/1/21	7/1/24	3,760	350	0.40	300-599	1,316,000	
Excavation	1	E - Tractors/Loaders/Backhoes	7/1/21	7/1/24	16,920	103	0.37	75-119	1,742,760	
Excavation	1	E - Aerial Lifts	7/1/21	7/1/24	0	63	0.31	50-74	0	
Excavation	1	E - Air Compressors	7/1/21	7/1/24	0	78	0.48	75-119	0	
Excavation	1	E - Generator Sets	7/1/21	7/1/24	0	84	0.74	75-119	0	
Excavation	1	E - Sweepers/Scrubbers	7/1/21	7/1/24	0	64	0.46	50-74	0	
Excavation	1	ER- Graders	7/1/21	7/1/24	11,280	187	0.41	175-299	2,109,360	
Excavation	1	ER -Rubber Tired Dozers	7/1/21	7/1/24	5,640	170	0.40	120-174	958,800	
Excavation	1	ER -Excavators	7/1/21	7/1/24	5,640	270	0.20	175-299	1,522,800	
Excavation	1	ER -Trenchers	7/1/21	7/1/24	5,640	78	0.50	75-119	439,920	
Excavation	1	ER - Off-Highway Trucks	7/1/21	7/1/24	7,520	300	0.38	300-599	2,256,000	
Excavation	1	ER - Skid Steer Loaders	7/1/21	7/1/24	11,280	103	0.37	75-119	1,161,840	
Excavation	1	ER - Pressure Washers	7/1/21	7/1/24	94	13	0.30	<25	1,222	
Excavation	1	ER - Plate Compactors	7/1/21	7/1/24	7,520	8	0.43	<25	60,160	35,999,368
Excavation	2a	E - Excavators	7/1/25	4/1/27	3,168	270	0.38	175-299	855,293	
Excavation	2a	E - Rubber Tired Dozers	7/1/25	4/1/27	6,336	170	0.40	120-174	1,077,036	
Excavation	2a	E - Off-Highway Trucks	7/1/25	4/1/27	5,068	300	0.38	300-599	1,520,521	
Excavation	2a	E - Pressure Washers	7/1/25	4/1/27	63	13	0.30	<25	824	
Excavation	2a	E - Pumps	7/1/25	4/1/27	1,901	84	0.74	75-119	159,655	
Excavation	2a	E - Bore/Drill Rigs	7/1/25	4/1/27	3,801	350	0.50	300-599	1,330,456	
Excavation	2a	E - Ground anchoring	7/1/25	4/1/27	2,534	215	0.30	175-299	544,853	
Excavation	2a	- Mobile Concrete Pump - Tier 4 Diese	7/1/25	4/1/27	845	350	0.40	300-599	295,657	
Excavation	2a	E - Tractors/Loaders/Backhoes	7/1/25	4/1/27	3,801	103	0.37	75-119	391,534	
Excavation	2a	E - Aerial Lifts	7/1/25	4/1/27	0	63	0.31	50-74	0	
Excavation	2a	E - Air Compressors	7/1/25	4/1/27	0	78	0.48	75-119	0	
Excavation	2a	E - Generator Sets	7/1/25	4/1/27	0	84	0.74	75-119	0	
Excavation	2a	E - Sweepers/Scrubbers	7/1/25	4/1/27	0	64	0.46	50-74	0	
Excavation	2a	ER- Graders	7/1/25	4/1/27	6,588	187	0.41	175-299	1,231,956	
Excavation	2a	ER -Rubber Tired Dozers	7/1/25	4/1/27	3,294	170	0.40	120-174	559,980	
Excavation	2a	ER -Excavators	7/1/25	4/1/27	3,294	270	0.20	175-299	889,380	
Excavation	2a	ER -Trenchers	7/1/25	4/1/27	3,294	78	0.50	75-119	256,932	
Excavation	2a	ER - Off-Highway Trucks	7/1/25	4/1/27	4,392	300	0.38	300-599	1,317,600	
Excavation	2a	ER - Skid Steer Loaders	7/1/25	4/1/27	6,588	103	0.37	75-119	678,564	
Excavation	2a	ER - Pressure Washers	7/1/25	4/1/27	55	13	0.30	<25	714	
Excavation	2a	ER - Plate Compactors	7/1/25	4/1/27	4,392	8	0.43	<25	35,136	11,146,090

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Criteria Pollutant - OffRoad Emissions

Excavation	2b	E - Excavators	1/1/29	1/1/30	2,495	270	0.38	175-299	673,740	
Excavation	2b	E - Rubber Tired Dozers	1/1/29	1/1/30	4,991	170	0.40	120-174	848,414	
Excavation	2b	E - Off-Highway Trucks	1/1/29	1/1/30	3,993	300	0.38	300-599	1,197,760	
Excavation	2b	E - Pressure Washers	1/1/29	1/1/30	50	13	0.30	<25	649	
Excavation	2b	E - Pumps	1/1/29	1/1/30	1,497	84	0.74	75-119	125,765	
Excavation	2b	E - Bore/Drill Rigs	1/1/29	1/1/30	2,994	350	0.50	300-599	1,048,040	
Excavation	2b	E - Ground anchoring	1/1/29	1/1/30	1,996	215	0.30	175-299	429,197	
Excavation	2b	: - Mobile Concrete Pump - Tier 4 Diese	1/1/29	1/1/30	665	350	0.40	300-599	232,898	
Excavation	2b	E - Tractors/Loaders/Backhoes	1/1/29	1/1/30	2,994	103	0.37	75-119	308,423	
Excavation	2b	E - Aerial Lifts	1/1/29	1/1/30	0	63	0.31	50-74	0	
Excavation	2b	E - Air Compressors	1/1/29	1/1/30	0	78	0.48	75-119	0	
Excavation	2b	E - Generator Sets	1/1/29	1/1/30	0	84	0.74	75-119	0	
Excavation	2b	E - Sweepers/Scrubbers	1/1/29	1/1/30	0	64	0.46	50-74	0	
Excavation	2b	ER- Graders	1/1/29	1/1/30	3,768	187	0.41	175-299	704,616	
Excavation	2b	ER -Rubber Tired Dozers	1/1/29	1/1/30	1,884	170	0.40	120-174	320,280	
Excavation	2b	ER -Excavators	1/1/29	1/1/30	1,884	270	0.20	175-299	508,680	
Excavation	2b	ER -Trenchers	1/1/29	1/1/30	1,884	78	0.50	75-119	146,952	
Excavation	2b	ER - Off-Highway Trucks	1/1/29	1/1/30	2,512	300	0.38	300-599	753,600	
Excavation	2b	ER - Skid Steer Loaders	1/1/29	1/1/30	3,768	103	0.37	75-119	388,104	
Excavation	2b	ER - Pressure Washers	1/1/29	1/1/30	31	13	0.30	<25	408	
Excavation	2b	ER - Plate Compactors	1/1/29	1/1/30	2,512	8	0.43	<25	20,096	7,707,622
Excavation	3	E - Excavators	1/1/30	7/1/31	5,243	270	0.38	175-299	1,415,496	
Excavation	3	E - Rubber Tired Dozers	1/1/30	7/1/31	10,485	170	0.40	120-174	1,782,477	
Excavation	3	E - Off-Highway Trucks	1/1/30	7/1/31	8,388	300	0.38	300-599	2,516,438	
Excavation	3	E - Pressure Washers	1/1/30	7/1/31	105	13	0.30	<25	1,363	
Excavation	3	E - Pumps	1/1/30	7/1/31	3,146	84	0.74	75-119	264,226	
Excavation	3	E - Bore/Drill Rigs	1/1/30	7/1/31	6,291	350	0.50	300-599	2,201,883	
Excavation	3	E - Ground anchoring	1/1/30	7/1/31	4,194	215	0.30	175-299	901,724	
Excavation	3	: - Mobile Concrete Pump - Tier 4 Diese	1/1/30	7/1/31	1,398	350	0.40	300-599	489,307	
Excavation	3	E - Tractors/Loaders/Backhoes	1/1/30	7/1/31	6,291	103	0.37	75-119	647,983	
Excavation	3	E - Aerial Lifts	1/1/30	7/1/31	0	63	0.31	50-74	0	
Excavation	3	E - Air Compressors	1/1/30	7/1/31	0	78	0.48	75-119	0	
Excavation	3	E - Generator Sets	1/1/30	7/1/31	0	84	0.74	75-119	0	
Excavation	3	E - Sweepers/Scrubbers	1/1/30	7/1/31	0	64	0.46	50-74	0	
Excavation	3	ER- Graders	1/1/30	7/1/31	7,788	187	0.41	175-299	1,456,356	
Excavation	3	ER -Rubber Tired Dozers	1/1/30	7/1/31	3,894	170	0.40	120-174	661,980	
Excavation	3	ER -Excavators	1/1/30	7/1/31	3,894	270	0.20	175-299	1,051,380	
Excavation	3	ER -Trenchers	1/1/30	7/1/31	3,894	78	0.50	75-119	303,732	
Excavation	3	ER - Off-Highway Trucks	1/1/30	7/1/31	5,192	300	0.38	300-599	1,557,600	
Excavation	3	ER - Skid Steer Loaders	1/1/30	7/1/31	7,788	103	0.37	75-119	802,164	
Excavation	3	ER - Pressure Washers	1/1/30	7/1/31	65	13	0.30	<25	844	
Excavation	3	ER - Plate Compactors	1/1/30	7/1/31	5,192	8	0.43	<25	41,536	16,096,488
										70,949,568.93

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Criteria Pollutant - OffRoad Emissions

Block	Phase	Start Date
A1	Site Preparation	4/1/27
A1	Building Construction	6/13/2027
A1	Paving	7/13/2029
A1	Arc. Coating	9/6/2029
B1	Site Preparation	10/1/2026
B1	Building Construction	12/10/2026
B1	Paving	12/15/2028
B1	Arc. Coating	2/6/2029
C1	Site Preparation	9/1/2029
C1	Building Construction	11/12/2029
C1	Paving	11/12/2029
C1	Arc. Coating	2/5/2032
C2	Site Preparation	4/1/2029
C2	Building Construction	6/13/2029
C2	Paving	7/13/2031
C2	Arc. Coating	9/6/2031
C3	Site Preparation	1/1/2030
C3	Building Construction	2/28/2030
C3	Paving	11/3/2031
C3	Arc. Coating	12/17/2031
D1	Site Preparation	1/1/2029
D1	Building Construction	2/28/2029
D1	Paving	11/4/2030
D1	Arc. Coating	12/18/2030
D4	Site Preparation	4/1/2029
D4	Building Construction	6/3/2029
D4	Paving	3/28/2031
D4	Arc. Coating	5/14/2031
D5-D6	Site Preparation	10/1/2023
D5-D6	Building Construction	12/3/2023
D5-D6	Paving	9/26/2025
D5-D6	Arc. Coating	11/13/2025
D7	Site Preparation	7/1/2025
D7	Building Construction	9/4/2025
D7	Paving	7/24/2027
D7	Arc. Coating	9/11/2027
D8-D13	Site Preparation	6/1/2023
D8-D13	Building Construction	10/5/2023
D8-D13	Paving	4/24/2027
D8-D13	Arc. Coating	7/28/2027
E1.1	Site Preparation	1/1/2024

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Criteria Pollutant - OffRoad Emissions

E1.1	Building Construction	2/21/2024
E1.1	Paving	8/15/2025
E1.1	Arc. Coating	9/22/2025
E1.2	Site Preparation	10/1/2023
E1.2	Building Construction	12/5/2023
E1.2	Paving	10/24/2025
E1.2	Arc. Coating	12/12/2025
F1-F2	Site Preparation	6/1/2024
F1-F2	Building Construction	8/8/2024
F1-F2	Paving	7/20/2026
F1-F2	Arc. Coating	9/9/2026
F3	Site Preparation	3/1/2025
F3	Building Construction	4/28/2025
F3	Paving	1/2/2027
F3	Arc. Coating	2/15/2027
F4	Site Preparation	6/1/2024
F4	Building Construction	8/8/2024
F4	Paving	7/20/2026
F4	Arc. Coating	9/9/2026
F5	Site Preparation	10/1/2022
F5	Building Construction	12/20/2022
F5	Paving	4/1/2025
F5	Arc. Coating	5/31/2025
F6	Site Preparation	7/1/2024
F6	Building Construction	9/2/2024
F6	Paving	6/27/2026
F6	Arc. Coating	8/14/2026
G1	Site Preparation	1/1/2025
G1	Building Construction	3/7/2025
G1	Paving	1/22/2027
G1	Arc. Coating	3/12/2027
H1	Site Preparation	7/1/2024
H1	Building Construction	9/4/2024
H1	Paving	7/24/2026
H1	Arc. Coating	9/11/2026
H2	Site Preparation	1/1/2029
H2	Building Construction	2/25/2029
H2	Paving	10/8/2030
H2	Arc. Coating	11/19/2030
H3	Site Preparation	7/1/2025
H3	Building Construction	9/9/2025
H3	Paving	9/16/2027
H3	Arc. Coating	11/8/2027

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Criteria Pollutant - OffRoad Emissions

H4	Site Preparation		2/1/2027
H4	Building Construction		3/29/2027
H4	Paving		11/8/2028
H4	Arc. Coating		12/20/2028
150 SM	Site Preparation		10/1/2024
150 SM	Building Construction		11/28/2024
150 SM	Paving		8/4/2026
150 SM	Arc. Coating		9/17/2026
40 SM	Site Preparation		1/1/2024
40 SM	Building Construction		2/21/2024
40 SM	Paving		8/15/2025
40 SM	Arc. Coating		9/22/2025
LTA B1-1	Paving		7/1/2025
LTA B1-2	Paving		7/8/2025
LTA B1-3	Paving		7/15/2025
LTA B1-4	Paving		8/13/2025
LTA B1-4	Paving		8/24/2025
Excavation		1	7/1/2021
Excavation		2a	7/1/2025
Excavation		2b	1/1/2029
Excavation		3	1/1/2030

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Criteria Pollutant - OffRoad Emissions

			grams			
Block	**Phase**	**Equipment**	**ROG**	**Nox**	**PM10**	**PM2.5**
A1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
A1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
A1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
A1	Site Preparation	Excavator	14,544.85	85,058.83	2,169.37	2,169.37
A1	Site Preparation	Water Trucks	18,684.66	100,407.36	2,676.32	2,676.32
A1	Site Preparation	Tractors/Loaders/Backhoes	9,148.29	53,401.50	1,466.06	1,466.06
A1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
A1	Site Preparation	Off-Highway Trucks	28,026.99	150,611.05	4,014.48	4,014.48
A1	Site Preparation	Pressure Washer	1,906.52	508.41	87.47	87.29
A1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
A1	Site Preparation	Rollers	1,257.50	7,340.41	201.52	201.52
A1	Site Preparation	Skid-Steer Loaders	1,955.44	44,649.16	214.58	214.58
A1	Site Preparation	Pumps	2,387.19	6,538.68	565.17	564.03
A1	Site Preparation	Plate Compactors	11,732.45	3,128.70	538.26	537.17
A1	Site Preparation	Pile Drivers	10,922.62	58,695.85	1,564.52	1,564.52
A1	Building Construction	Cranes	16,277.50	70,535.84	2,170.33	2,170.33
A1	Building Construction	Forklifts	0.00	0.00	0.00	0.00
A1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
A1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
A1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
A1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
A1	Building Construction	Excavators	0.00	0.00	0.00	0.00
A1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
A1	Building Construction	Concrete Pumps	27,490.89	160,473.14	4,405.56	4,405.56
A1	Building Construction	Welders	0.00	0.00	0.00	0.00
A1	Paving	Pavers	5,609.66	32,805.52	836.68	836.68
A1	Paving	Rollers	3,536.71	20,644.91	566.78	566.78
A1	Paving	Off-Highway Trucks	14,013.49	75,305.52	2,007.24	2,007.24
A1	Paving	Tractors/Loaders/Backhoes	4,288.26	25,031.95	687.22	687.22
A1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
A1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
B1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
B1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
B1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
B1	Site Preparation	Excavator	7,017.81	41,040.42	1,046.71	1,046.71
B1	Site Preparation	Water Trucks	18,030.49	96,892.01	2,582.62	2,582.62
B1	Site Preparation	Tractors/Loaders/Backhoes	4,414.00	25,765.93	707.37	707.37
B1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
B1	Site Preparation	Off-Highway Trucks	27,045.74	145,338.01	3,873.93	3,873.93
B1	Site Preparation	Pressure Washer	1,839.77	490.61	84.40	84.23
B1	Site Preparation	Pavers	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

B1	Site Preparation	Rollers	1,213.47	7,083.42	194.46	194.46
B1	Site Preparation	Skid-Steer Loaders	1,886.98	43,085.95	207.06	207.06
B1	Site Preparation	Pumps	2,303.61	6,309.76	545.38	544.29
B1	Site Preparation	Plate Compactors	7,547.79	2,012.77	346.27	345.58
B1	Site Preparation	Pile Drivers	10,540.21	56,640.85	1,509.74	1,509.74
B1	Building Construction	Cranes	13,108.39	56,803.03	1,747.79	1,747.79
B1	Building Construction	Forklifts	0.00	0.00	0.00	0.00
B1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
B1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
B1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
B1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
B1	Building Construction	Excavators	0.00	0.00	0.00	0.00
B1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
B1	Building Construction	Concrete Pumps	26,566.34	155,076.25	4,257.39	4,257.39
B1	Building Construction	Welders	0.00	0.00	0.00	0.00
B1	Paving	Pavers	1,443.54	8,441.86	215.30	215.30
B1	Paving	Rollers	910.10	5,312.56	145.85	145.85
B1	Paving	Off-Highway Trucks	9,015.25	48,446.00	1,291.31	1,291.31
B1	Paving	Tractors/Loaders/Backhoes	2,758.75	16,103.71	442.10	442.10
B1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
B1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
C1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
C1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
C1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
C1	Site Preparation	Excavator	14,513.02	84,872.71	2,164.62	2,164.62
C1	Site Preparation	Water Trucks	27,965.66	150,281.48	4,005.70	4,005.70
C1	Site Preparation	Tractors/Loaders/Backhoes	11,410.34	66,605.81	1,828.57	1,828.57
C1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
C1	Site Preparation	Off-Highway Trucks	37,287.55	200,375.31	5,340.93	5,340.93
C1	Site Preparation	Pressure Washer	2,536.47	676.40	116.37	116.13
C1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
C1	Site Preparation	Rollers	1,254.75	7,324.35	201.08	201.08
C1	Site Preparation	Skid-Steer Loaders	1,951.16	44,551.46	214.11	214.11
C1	Site Preparation	Pumps	3,969.94	10,873.96	939.89	938.00
C1	Site Preparation	Plate Compactors	11,706.77	3,121.85	537.08	536.00
C1	Site Preparation	Pile Drivers	10,898.72	58,567.41	1,561.09	1,561.09
C1	Building Construction	Cranes	16,243.29	70,387.57	2,165.77	2,165.77
C1	Building Construction	Forklifts	0.00	0.00	0.00	0.00
C1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
C1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
C1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
C1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
C1	Building Construction	Excavators	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

C1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
C1	Building Construction	Concrete Pumps	27,433.11	160,135.83	4,396.30	4,396.30
C1	Building Construction	Welders	0.00	0.00	0.00	0.00
C1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
C1	Paving	Off-Highway Trucks	9,321.89	50,093.83	1,335.23	1,335.23
C1	Paving	Pavers	3,731.59	21,822.49	556.57	556.57
C1	Paving	Rollers	2,352.65	13,733.16	377.02	377.02
C1	Paving	Tractors/Loaders/Backhoes	2,852.58	16,651.45	457.14	457.14
C1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
C2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
C2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
C2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
C2	Site Preparation	Excavator	9,080.58	53,103.61	1,354.37	1,354.37
C2	Site Preparation	Water Trucks	18,664.22	100,297.51	2,673.39	2,673.39
C2	Site Preparation	Tractors/Loaders/Backhoes	4,569.14	26,671.54	732.23	732.23
C2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
C2	Site Preparation	Off-Highway Trucks	27,996.32	150,446.26	4,010.09	4,010.09
C2	Site Preparation	Pressure Washer	2,539.25	677.14	116.49	116.26
C2	Site Preparation	Pavers	0.00	0.00	0.00	0.00
C2	Site Preparation	Rollers	1,256.12	7,332.38	201.30	201.30
C2	Site Preparation	Skid-Steer Loaders	1,953.30	44,600.31	214.34	214.34
C2	Site Preparation	Pumps	2,384.58	6,531.53	564.55	563.42
C2	Site Preparation	Plate Compactors	7,813.07	2,083.52	358.45	357.72
C2	Site Preparation	Pile Drivers	10,910.67	58,631.63	1,562.80	1,562.80
C2	Building Construction	Cranes	16,901.91	73,241.63	2,253.59	2,253.59
C2	Building Construction	Forklifts	0.00	0.00	0.00	0.00
C2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
C2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
C2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
C2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
C2	Building Construction	Excavators	0.00	0.00	0.00	0.00
C2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
C2	Building Construction	Concrete Pumps	28,545.45	166,628.97	4,574.56	4,574.56
C2	Building Construction	Welders	0.00	0.00	0.00	0.00
C2	Paving	Pavers	1,556.47	9,102.28	232.15	232.15
C2	Paving	Rollers	981.30	5,728.17	157.26	157.26
C2	Paving	Off-Highway Trucks	9,720.52	52,236.00	1,392.33	1,392.33
C2	Paving	Tractors/Loaders/Backhoes	2,974.57	17,363.52	476.69	476.69
C2	Paving	Concrete Saw	0.00	0.00	0.00	0.00
C2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
C3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
C3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
C3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

C3	Site Preparation	Excavator	2,900.22	16,960.58	432.57	432.57
C3	Site Preparation	Water Trucks	7,451.38	40,042.11	1,067.31	1,067.31
C3	Site Preparation	Tractors/Loaders/Backhoes	912.08	5,324.08	146.16	146.16
C3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
C3	Site Preparation	Off-Highway Trucks	14,902.75	80,084.21	2,134.61	2,134.61
C3	Site Preparation	Pressure Washer	506.88	135.17	23.25	23.21
C3	Site Preparation	Pavers	0.00	0.00	0.00	0.00
C3	Site Preparation	Rollers	501.49	2,927.33	80.37	80.37
C3	Site Preparation	Skid-Steer Loaders	779.82	17,805.93	85.57	85.57
C3	Site Preparation	Pumps	634.67	1,738.40	150.26	149.96
C3	Site Preparation	Plate Compactors	3,119.24	831.81	143.10	142.82
C3	Site Preparation	Pile Drivers	2,903.94	15,605.13	415.95	415.95
C3	Building Construction	Cranes	2,185.44	9,470.26	291.39	291.39
C3	Building Construction	Forklifts	0.00	0.00	0.00	0.00
C3	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
C3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
C3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
C3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
C3	Building Construction	Excavators	0.00	0.00	0.00	0.00
C3	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
C3	Building Construction	Concrete Pumps	16,609.38	96,954.28	2,661.74	2,661.74
C3	Building Construction	Welders	0.00	0.00	0.00	0.00
C3	Paving	Pavers	596.56	3,488.73	88.98	88.98
C3	Paving	Rollers	376.11	2,195.50	60.27	60.27
C3	Paving	Off-Highway Trucks	3,725.69	20,021.05	533.65	533.65
C3	Paving	Tractors/Loaders/Backhoes	1,140.10	6,655.10	182.71	182.71
C3	Paving	Concrete Saw	0.00	0.00	0.00	0.00
C3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D1	Site Preparation	Excavator	2,904.20	16,983.85	433.16	433.16
D1	Site Preparation	Water Trucks	7,461.60	40,097.03	1,068.77	1,068.77
D1	Site Preparation	Tractors/Loaders/Backhoes	913.33	5,331.39	146.37	146.37
D1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D1	Site Preparation	Off-Highway Trucks	7,461.60	40,097.03	1,068.77	1,068.77
D1	Site Preparation	Pressure Washer	507.57	135.35	23.29	23.24
D1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D1	Site Preparation	Rollers	502.17	2,931.35	80.48	80.48
D1	Site Preparation	Skid-Steer Loaders	780.89	17,830.35	85.69	85.69
D1	Site Preparation	Pumps	635.54	1,740.79	150.46	150.16
D1	Site Preparation	Plate Compactors	3,123.52	832.95	143.30	143.01
D1	Site Preparation	Pile Drivers	2,907.92	15,626.54	416.52	416.52

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Criteria Pollutant - OffRoad Emissions

D1	Building Construction	Cranes	2,188.30	9,482.62	291.77	291.77
D1	Building Construction	Forklifts	0.00	0.00	0.00	0.00
D1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
D1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
D1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D1	Building Construction	Excavators	0.00	0.00	0.00	0.00
D1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
D1	Building Construction	Concrete Pumps	11,087.37	64,720.51	1,776.81	1,776.81
D1	Building Construction	Welders	0.00	0.00	0.00	0.00
D1	Paving	Pavers	597.38	3,493.51	89.10	89.10
D1	Paving	Rollers	376.63	2,198.51	60.36	60.36
D1	Paving	Off-Highway Trucks	3,730.80	20,048.52	534.39	534.39
D1	Paving	Tractors/Loaders/Backhoes	1,141.66	6,664.23	182.96	182.96
D1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D4	Site Preparation	Excavator	6,293.75	36,806.09	938.71	938.71
D4	Site Preparation	Water Trucks	16,170.20	86,895.21	2,316.16	2,316.16
D4	Site Preparation	Tractors/Loaders/Backhoes	2,968.94	17,330.66	475.79	475.79
D4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D4	Site Preparation	Off-Highway Trucks	24,255.30	130,342.82	3,474.24	3,474.24
D4	Site Preparation	Pressure Washer	1,649.96	439.99	75.70	75.54
D4	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D4	Site Preparation	Rollers	544.14	3,176.29	87.20	87.20
D4	Site Preparation	Skid-Steer Loaders	846.14	19,320.29	92.85	92.85
D4	Site Preparation	Pumps	688.65	1,886.25	163.04	162.71
D4	Site Preparation	Plate Compactors	3,384.52	902.55	155.27	154.96
D4	Site Preparation	Pile Drivers	9,452.73	50,796.95	1,353.97	1,353.97
D4	Building Construction	Cranes	7,086.66	30,708.85	944.89	944.89
D4	Building Construction	Forklifts	0.00	0.00	0.00	0.00
D4	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
D4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
D4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D4	Building Construction	Excavators	0.00	0.00	0.00	0.00
D4	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
D4	Building Construction	Concrete Pumps	11,968.58	69,864.42	1,918.03	1,918.03
D4	Building Construction	Welders	0.00	0.00	0.00	0.00
D4	Paving	Pavers	1,294.60	7,570.87	193.09	193.09
D4	Paving	Rollers	408.10	2,382.22	65.40	65.40

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Criteria Pollutant - OffRoad Emissions

D4	Paving	Off-Highway Trucks	4,042.55	21,723.80	579.04	579.04
D4	Paving	Tractors/Loaders/Backhoes	1,237.06	7,221.11	198.25	198.25
D4	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Excavator	1,575.43	9,213.16	234.98	234.98
D5-D6	Site Preparation	Water Trucks	8,095.32	43,502.53	1,159.54	1,159.54
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	990.90	5,784.19	158.80	158.80
D5-D6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Off-Highway Trucks	8,095.32	43,502.53	1,159.54	1,159.54
D5-D6	Site Preparation	Pressure Washer	550.68	146.85	25.26	25.21
D5-D6	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D5-D6	Site Preparation	Rollers	544.82	3,180.31	87.31	87.31
D5-D6	Site Preparation	Skid-Steer Loaders	847.21	19,344.71	92.97	92.97
D5-D6	Site Preparation	Pumps	689.52	1,888.63	163.24	162.92
D5-D6	Site Preparation	Plate Compactors	3,388.80	903.69	155.47	155.16
D5-D6	Site Preparation	Pile Drivers	3,154.89	16,953.72	451.90	451.90
D5-D6	Building Construction	Cranes	2,365.07	10,248.64	315.34	315.34
D5-D6	Building Construction	Forklifts	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Excavators	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
D5-D6	Building Construction	Concrete Pumps	11,983.02	69,948.75	1,920.34	1,920.34
D5-D6	Building Construction	Welders	0.00	0.00	0.00	0.00
D5-D6	Paving	Pavers	648.12	3,790.22	96.67	96.67
D5-D6	Paving	Rollers	408.62	2,385.23	65.48	65.48
D5-D6	Paving	Off-Highway Trucks	4,047.66	21,751.27	579.77	579.77
D5-D6	Paving	Tractors/Loaders/Backhoes	1,238.62	7,230.24	198.50	198.50
D5-D6	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D5-D6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D7	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D7	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D7	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D7	Site Preparation	Excavator	3,270.20	19,124.28	487.75	487.75
D7	Site Preparation	Water Trucks	8,401.96	45,150.36	1,203.47	1,203.47
D7	Site Preparation	Tractors/Loaders/Backhoes	2,056.86	12,006.57	329.62	329.62
D7	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D7	Site Preparation	Off-Highway Trucks	16,803.93	90,300.72	2,406.93	2,406.93

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Criteria Pollutant - OffRoad Emissions

D7	Site Preparation	Pressure Washer	1,143.08	304.83	52.44	52.34
D7	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D7	Site Preparation	Rollers	565.46	3,300.78	90.62	90.62
D7	Site Preparation	Skid-Steer Loaders	879.31	20,077.47	96.49	96.49
D7	Site Preparation	Pumps	1,431.27	3,920.35	338.85	338.17
D7	Site Preparation	Plate Compactors	3,517.17	937.93	161.36	161.03
D7	Site Preparation	Pile Drivers	6,548.79	35,191.82	938.02	938.02
D7	Building Construction	Cranes	4,901.21	21,238.59	653.50	653.50
D7	Building Construction	Forklifts	0.00	0.00	0.00	0.00
D7	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
D7	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D7	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
D7	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D7	Building Construction	Excavators	0.00	0.00	0.00	0.00
D7	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
D7	Building Construction	Concrete Pumps	12,416.41	72,478.54	1,989.79	1,989.79
D7	Building Construction	Welders	0.00	0.00	0.00	0.00
D7	Paving	Pavers	672.67	3,933.79	100.33	100.33
D7	Paving	Rollers	424.10	2,475.58	67.96	67.96
D7	Paving	Off-Highway Trucks	4,200.98	22,575.18	601.73	601.73
D7	Paving	Tractors/Loaders/Backhoes	1,285.54	7,504.11	206.01	206.01
D7	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D7	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Excavator (Small 150 HP)	17,936.57	104,893.74	2,675.24	2,675.24
D8-D13	Site Preparation	Water Trucks	16,180.42	86,950.14	2,317.62	2,317.62
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	1,980.54	11,561.07	317.39	317.39
D8-D13	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Pressure Washer	1,100.67	293.52	50.50	50.39
D8-D13	Site Preparation	Pavers	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Trench Roller (25 HP)	4,018.47	4,018.47	4,018.47	4,018.47
D8-D13	Site Preparation	Skid-Steer Loaders	5,080.07	115,995.00	557.45	557.45
D8-D13	Site Preparation	Pumps	0.00	0.00	0.00	0.00
D8-D13	Site Preparation	Plate Compactors	20,319.98	5,418.74	932.23	930.36
D8-D13	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Cranes (220 HP mobile crane)	60,431.50	324,745.98	8,655.98	8,655.98
D8-D13	Building Construction	Forklifts	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00

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D8-D13	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Excavators	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
D8-D13	Building Construction	Concrete Pumps	11,704.94	68,325.47	1,875.78	1,875.78
D8-D13	Building Construction	Welders	0.00	0.00	0.00	0.00
D8-D13	Paving	Pavers	1,295.42	7,575.66	193.21	193.21
D8-D13	Paving	Rollers	816.72	4,767.45	130.88	130.88
D8-D13	Paving	Off-Highway Trucks	8,090.21	43,475.07	1,158.81	1,158.81
D8-D13	Paving	Tractors/Loaders/Backhoes	2,475.68	14,451.34	396.74	396.74
D8-D13	Paving	Concrete Saw	0.00	0.00	0.00	0.00
D8-D13	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Excavator	5,084.33	29,733.37	758.33	758.33
E1.1	Site Preparation	Water Trucks	13,062.91	70,197.27	1,871.08	1,871.08
E1.1	Site Preparation	Tractors/Loaders/Backhoes	2,398.42	14,000.37	384.36	384.36
E1.1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Off-Highway Trucks	19,594.36	105,295.91	2,806.62	2,806.62
E1.1	Site Preparation	Pressure Washer	1,332.90	355.44	61.15	61.03
E1.1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
E1.1	Site Preparation	Rollers	439.57	2,565.93	70.44	70.44
E1.1	Site Preparation	Skid-Steer Loaders	683.55	15,607.67	75.01	75.01
E1.1	Site Preparation	Pumps	556.31	1,523.78	131.71	131.44
E1.1	Site Preparation	Plate Compactors	2,734.15	729.12	125.44	125.18
E1.1	Site Preparation	Pile Drivers	7,636.28	41,035.72	1,093.79	1,093.79
E1.1	Building Construction	Cranes	5,786.51	25,074.88	771.53	771.53
E1.1	Building Construction	Forklifts	0.00	0.00	0.00	0.00
E1.1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
E1.1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
E1.1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
E1.1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
E1.1	Building Construction	Excavators	0.00	0.00	0.00	0.00
E1.1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
E1.1	Building Construction	Concrete Pumps	14,659.16	85,570.21	2,349.21	2,349.21
E1.1	Building Construction	Welders	0.00	0.00	0.00	0.00
E1.1	Paving	Pavers	1,045.83	6,116.04	155.99	155.99
E1.1	Paving	Rollers	329.68	1,924.45	52.83	52.83
E1.1	Paving	Off-Highway Trucks	3,265.73	17,549.32	467.77	467.77
E1.1	Paving	Tractors/Loaders/Backhoes	999.34	5,833.49	160.15	160.15
E1.1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
E1.1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00

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E1.2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Excavator	13,096.73	76,590.17	1,953.38	1,953.38
E1.2	Site Preparation	Water Trucks	16,824.37	90,410.57	2,409.86	2,409.86
E1.2	Site Preparation	Tractors/Loaders/Backhoes	8,237.46	48,084.72	1,320.10	1,320.10
E1.2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Off-Highway Trucks	25,236.55	135,615.86	3,614.79	3,614.79
E1.2	Site Preparation	Pressure Washer	1,716.70	457.79	78.76	78.60
E1.2	Site Preparation	Pavers	0.00	0.00	0.00	0.00
E1.2	Site Preparation	Rollers	1,132.30	6,609.58	181.46	181.46
E1.2	Site Preparation	Skid-Steer Loaders	1,760.75	40,203.79	193.21	193.21
E1.2	Site Preparation	Pumps	2,149.51	5,887.68	508.90	507.88
E1.2	Site Preparation	Plate Compactors	10,564.34	2,817.20	484.67	483.69
E1.2	Site Preparation	Pile Drivers	9,835.14	52,851.95	1,408.75	1,408.75
E1.2	Building Construction	Cranes	12,267.29	53,158.25	1,635.64	1,635.64
E1.2	Building Construction	Forklifts	0.00	0.00	0.00	0.00
E1.2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
E1.2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
E1.2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
E1.2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
E1.2	Building Construction	Excavators	0.00	0.00	0.00	0.00
E1.2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
E1.2	Building Construction	Concrete Pumps	24,861.70	145,125.73	3,984.22	3,984.22
E1.2	Building Construction	Welders	0.00	0.00	0.00	0.00
E1.2	Paving	Pavers	5,051.15	29,539.33	753.38	753.38
E1.2	Paving	Rollers	3,184.59	18,589.45	510.35	510.35
E1.2	Paving	Off-Highway Trucks	12,618.28	67,807.93	1,807.39	1,807.39
E1.2	Paving	Tractors/Loaders/Backhoes	3,861.31	22,539.71	618.80	618.80
E1.2	Paving	Concrete Saw	0.00	0.00	0.00	0.00
E1.2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Excavator	16,947.77	99,111.22	2,527.77	2,527.77
F1-F2	Site Preparation	Off-Highway Trucks	34,834.42	187,192.72	4,989.55	4,989.55
F1-F2	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Pile Drivers	13,575.60	72,952.39	1,944.52	1,944.52
F1-F2	Site Preparation	Plate Compactors	10,936.59	2,916.47	501.74	500.74
F1-F2	Site Preparation	Pressure Washer	2,369.59	631.90	108.71	108.49
F1-F2	Site Preparation	Pumps	3,708.76	10,158.57	878.05	876.29
F1-F2	Site Preparation	Rollers	1,172.20	6,842.49	187.85	187.85
F1-F2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Skid-Steer Loaders	1,822.79	41,620.44	200.02	200.02
F1-F2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F1-F2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00

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F1-F2	Site Preparation	Tractors/Loaders/Backhoes	10,659.66	62,223.85	1,708.27	1,708.27
F1-F2	Site Preparation	Water Trucks	26,125.81	140,394.54	3,742.16	3,742.16
F1-F2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Concrete Pumps	25,699.58	150,016.67	4,118.49	4,118.49
F1-F2	Building Construction	Cranes	17,753.00	76,929.65	2,367.07	2,367.07
F1-F2	Building Construction	Excavators	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Forklifts	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F1-F2	Building Construction	Welders	0.00	0.00	0.00	0.00
F1-F2	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F1-F2	Paving	Off-Highway Trucks	17,417.21	93,596.36	2,494.78	2,494.78
F1-F2	Paving	Pavers	6,972.18	40,773.60	1,039.90	1,039.90
F1-F2	Paving	Rollers	4,395.74	25,659.32	704.44	704.44
F1-F2	Paving	Tractors/Loaders/Backhoes	5,329.83	31,111.92	854.13	854.13
F1-F2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F3	Site Preparation	Excavator	1,452.10	8,491.92	216.58	216.58
F3	Site Preparation	Off-Highway Trucks	7,461.60	40,097.03	1,068.77	1,068.77
F3	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F3	Site Preparation	Pile Drivers	2,907.92	15,626.54	416.52	416.52
F3	Site Preparation	Plate Compactors	3,123.52	832.95	143.30	143.01
F3	Site Preparation	Pressure Washer	507.57	135.35	23.29	23.24
F3	Site Preparation	Pumps	635.54	1,740.79	150.46	150.16
F3	Site Preparation	Rollers	502.17	2,931.35	80.48	80.48
F3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F3	Site Preparation	Skid-Steer Loaders	780.89	17,830.35	85.69	85.69
F3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
F3	Site Preparation	Tractors/Loaders/Backhoes	913.33	5,331.39	146.37	146.37
F3	Site Preparation	Water Trucks	7,461.60	40,097.03	1,068.77	1,068.77
F3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F3	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
F3	Building Construction	Concrete Pumps	11,087.37	64,720.51	1,776.81	1,776.81
F3	Building Construction	Cranes	2,188.30	9,482.62	291.77	291.77
F3	Building Construction	Excavators	0.00	0.00	0.00	0.00
F3	Building Construction	Forklifts	0.00	0.00	0.00	0.00
F3	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
F3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F3	Building Construction	Welders	0.00	0.00	0.00	0.00

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F3	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F3	Paving	Off-Highway Trucks	3,730.80	20,048.52	534.39	534.39
F3	Paving	Pavers	597.38	3,493.51	89.10	89.10
F3	Paving	Rollers	376.63	2,198.51	60.36	60.36
F3	Paving	Tractors/Loaders/Backhoes	1,141.66	6,664.23	182.96	182.96
F3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F4	Site Preparation	Excavator	3,389.55	19,822.24	505.55	505.55
F4	Site Preparation	Off-Highway Trucks	17,417.21	93,596.36	2,494.78	2,494.78
F4	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F4	Site Preparation	Pile Drivers	6,787.80	36,476.19	972.26	972.26
F4	Site Preparation	Plate Compactors	3,645.53	972.16	167.25	166.91
F4	Site Preparation	Pressure Washer	592.40	157.98	27.18	27.12
F4	Site Preparation	Pumps	741.75	2,031.71	175.61	175.26
F4	Site Preparation	Rollers	586.10	3,421.24	93.93	93.93
F4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F4	Site Preparation	Skid-Steer Loaders	911.40	20,810.22	100.01	100.01
F4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
F4	Site Preparation	Tractors/Loaders/Backhoes	1,065.97	6,222.38	170.83	170.83
F4	Site Preparation	Water Trucks	8,708.60	46,798.18	1,247.39	1,247.39
F4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F4	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
F4	Building Construction	Concrete Pumps	12,849.79	75,008.33	2,059.25	2,059.25
F4	Building Construction	Cranes	5,072.28	21,979.90	676.30	676.30
F4	Building Construction	Excavators	0.00	0.00	0.00	0.00
F4	Building Construction	Forklifts	0.00	0.00	0.00	0.00
F4	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
F4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F4	Building Construction	Welders	0.00	0.00	0.00	0.00
F4	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F4	Paving	Off-Highway Trucks	4,354.30	23,399.09	623.69	623.69
F4	Paving	Pavers	697.22	4,077.36	103.99	103.99
F4	Paving	Rollers	439.57	2,565.93	70.44	70.44
F4	Paving	Tractors/Loaders/Backhoes	1,332.46	7,777.98	213.53	213.53
F4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F5	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F5	Site Preparation	Excavator	1,997.13	11,679.30	297.87	297.87
F5	Site Preparation	Off-Highway Trucks	10,262.25	55,147.15	1,469.93	1,469.93
F5	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F5	Site Preparation	Pile Drivers	3,999.39	21,491.84	572.86	572.86
F5	Site Preparation	Plate Compactors	4,295.91	1,145.59	197.09	196.69

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F5	Site Preparation	Pressure Washer	698.08	186.16	32.03	31.96
F5	Site Preparation	Pumps	874.08	2,394.18	206.94	206.52
F5	Site Preparation	Rollers	690.66	4,031.61	110.68	110.68
F5	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F5	Site Preparation	Skid-Steer Loaders	1,073.99	24,522.84	117.85	117.85
F5	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F5	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
F5	Site Preparation	Tractors/Loaders/Backhoes	1,256.14	7,332.48	201.30	201.30
F5	Site Preparation	Water Trucks	10,262.25	55,147.15	1,469.93	1,469.93
F5	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F5	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
F5	Building Construction	Concrete Pumps	7,522.80	43,912.97	1,205.57	1,205.57
F5	Building Construction	Cranes	2,969.52	12,867.94	395.94	395.94
F5	Building Construction	Excavators	0.00	0.00	0.00	0.00
F5	Building Construction	Forklifts	0.00	0.00	0.00	0.00
F5	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
F5	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F5	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F5	Building Construction	Welders	0.00	0.00	0.00	0.00
F5	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F5	Paving	Off-Highway Trucks	5,131.13	27,573.58	734.96	734.96
F5	Paving	Pavers	821.60	4,804.78	122.54	122.54
F5	Paving	Rollers	518.00	3,023.70	83.01	83.01
F5	Paving	Tractors/Loaders/Backhoes	1,570.17	9,165.60	251.63	251.63
F5	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
F6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
F6	Site Preparation	Excavator	1,575.43	9,213.16	234.98	234.98
F6	Site Preparation	Off-Highway Trucks	8,095.32	43,502.53	1,159.54	1,159.54
F6	Site Preparation	Pavers	0.00	0.00	0.00	0.00
F6	Site Preparation	Pile Drivers	3,154.89	16,953.72	451.90	451.90
F6	Site Preparation	Plate Compactors	3,388.80	903.69	155.47	155.16
F6	Site Preparation	Pressure Washer	550.68	146.85	25.26	25.21
F6	Site Preparation	Pumps	689.52	1,888.63	163.24	162.92
F6	Site Preparation	Rollers	544.82	3,180.31	87.31	87.31
F6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
F6	Site Preparation	Skid-Steer Loaders	847.21	19,344.71	92.97	92.97
F6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
F6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
F6	Site Preparation	Tractors/Loaders/Backhoes	990.90	5,784.19	158.80	158.80
F6	Site Preparation	Water Trucks	8,095.32	43,502.53	1,159.54	1,159.54
F6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
F6	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
F6	Building Construction	Concrete Pumps	5,991.51	34,974.37	960.17	960.17

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F6	Building Construction	Cranes	2,365.07	10,248.64	315.34	315.34
F6	Building Construction	Excavators	0.00	0.00	0.00	0.00
F6	Building Construction	Forklifts	0.00	0.00	0.00	0.00
F6	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
F6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
F6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
F6	Building Construction	Welders	0.00	0.00	0.00	0.00
F6	Paving	Concrete Saw	0.00	0.00	0.00	0.00
F6	Paving	Off-Highway Trucks	4,047.66	21,751.27	579.77	579.77
F6	Paving	Pavers	648.12	3,790.22	96.67	96.67
F6	Paving	Rollers	408.62	2,385.23	65.48	65.48
F6	Paving	Tractors/Loaders/Backhoes	1,238.62	7,230.24	198.50	198.50
F6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
G1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
G1	Site Preparation	Excavator	3,262.25	19,077.75	486.57	486.57
G1	Site Preparation	Off-Highway Trucks	8,381.52	45,040.50	1,200.54	1,200.54
G1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
G1	Site Preparation	Pile Drivers	3,266.43	17,553.10	467.87	467.87
G1	Site Preparation	Plate Compactors	3,508.61	935.64	160.97	160.64
G1	Site Preparation	Pressure Washer	570.15	152.04	26.16	26.10
G1	Site Preparation	Pumps	713.89	1,955.40	169.01	168.67
G1	Site Preparation	Rollers	564.09	3,292.75	90.40	90.40
G1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
G1	Site Preparation	Skid-Steer Loaders	877.17	20,028.62	96.25	96.25
G1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
G1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
G1	Site Preparation	Tractors/Loaders/Backhoes	2,051.86	11,977.36	328.82	328.82
G1	Site Preparation	Water Trucks	8,381.52	45,040.50	1,200.54	1,200.54
G1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
G1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
G1	Building Construction	Concrete Pumps	12,387.51	72,309.89	1,985.16	1,985.16
G1	Building Construction	Cranes	9,779.62	42,378.34	1,303.95	1,303.95
G1	Building Construction	Excavators	0.00	0.00	0.00	0.00
G1	Building Construction	Forklifts	0.00	0.00	0.00	0.00
G1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
G1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
G1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
G1	Building Construction	Welders	0.00	0.00	0.00	0.00
G1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
G1	Paving	Off-Highway Trucks	4,190.76	22,520.25	600.27	600.27
G1	Paving	Pavers	671.03	3,924.22	100.08	100.08
G1	Paving	Rollers	423.06	2,469.56	67.80	67.80
G1	Paving	Tractors/Loaders/Backhoes	1,282.41	7,485.85	205.51	205.51

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Criteria Pollutant - OffRoad Emissions

G1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
H1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
H1	Site Preparation	Excavator	3,270.20	19,124.28	487.75	487.75
H1	Site Preparation	Off-Highway Trucks	8,401.96	45,150.36	1,203.47	1,203.47
H1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
H1	Site Preparation	Pile Drivers	3,274.40	17,595.91	469.01	469.01
H1	Site Preparation	Plate Compactors	3,517.17	937.93	161.36	161.03
H1	Site Preparation	Pressure Washer	571.54	152.41	26.22	26.17
H1	Site Preparation	Pumps	715.63	1,960.17	169.43	169.09
H1	Site Preparation	Rollers	565.46	3,300.78	90.62	90.62
H1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
H1	Site Preparation	Skid-Steer Loaders	879.31	20,077.47	96.49	96.49
H1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
H1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
H1	Site Preparation	Tractors/Loaders/Backhoes	2,056.86	12,006.57	329.62	329.62
H1	Site Preparation	Water Trucks	8,401.96	45,150.36	1,203.47	1,203.47
H1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
H1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
H1	Building Construction	Concrete Pumps	6,208.20	36,239.27	994.90	994.90
H1	Building Construction	Cranes	4,901.21	21,238.59	653.50	653.50
H1	Building Construction	Excavators	0.00	0.00	0.00	0.00
H1	Building Construction	Forklifts	0.00	0.00	0.00	0.00
H1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
H1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
H1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
H1	Building Construction	Welders	0.00	0.00	0.00	0.00
H1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
H1	Paving	Off-Highway Trucks	4,200.98	22,575.18	601.73	601.73
H1	Paving	Pavers	672.67	3,933.79	100.33	100.33
H1	Paving	Rollers	424.10	2,475.58	67.96	67.96
H1	Paving	Tractors/Loaders/Backhoes	1,285.54	7,504.11	206.01	206.01
H1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
H2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
H2	Site Preparation	Excavator	1,390.43	8,131.31	207.38	207.38
H2	Site Preparation	Off-Highway Trucks	7,144.74	38,394.28	1,023.39	1,023.39
H2	Site Preparation	Pavers	0.00	0.00	0.00	0.00
H2	Site Preparation	Pile Drivers	2,784.43	14,962.95	398.83	398.83
H2	Site Preparation	Plate Compactors	2,990.88	797.58	137.21	136.94
H2	Site Preparation	Pressure Washer	486.02	129.61	22.30	22.25
H2	Site Preparation	Pumps	608.55	1,666.86	144.07	143.79
H2	Site Preparation	Rollers	480.85	2,806.86	77.06	77.06
H2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

H2	Site Preparation	Skid-Steer Loaders	747.73	17,073.17	82.05	82.05
H2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
H2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
H2	Site Preparation	Tractors/Loaders/Backhoes	874.54	5,104.98	140.15	140.15
H2	Site Preparation	Water Trucks	7,144.74	38,394.28	1,023.39	1,023.39
H2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
H2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
H2	Building Construction	Concrete Pumps	5,319.77	31,053.20	852.52	852.52
H2	Building Construction	Cranes	2,099.91	9,099.60	279.99	279.99
H2	Building Construction	Excavators	0.00	0.00	0.00	0.00
H2	Building Construction	Forklifts	0.00	0.00	0.00	0.00
H2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
H2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
H2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
H2	Building Construction	Welders	0.00	0.00	0.00	0.00
H2	Paving	Concrete Saw	0.00	0.00	0.00	0.00
H2	Paving	Off-Highway Trucks	3,572.37	19,197.14	511.69	511.69
H2	Paving	Pavers	572.01	3,345.16	85.32	85.32
H2	Paving	Rollers	360.64	2,105.15	57.79	57.79
H2	Paving	Tractors/Loaders/Backhoes	1,093.18	6,381.23	175.19	175.19
H2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
H3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
H3	Site Preparation	Excavator	7,025.77	41,086.95	1,047.90	1,047.90
H3	Site Preparation	Off-Highway Trucks	18,050.93	97,001.86	2,585.55	2,585.55
H3	Site Preparation	Pavers	0.00	0.00	0.00	0.00
H3	Site Preparation	Pile Drivers	7,034.78	37,803.38	1,007.63	1,007.63
H3	Site Preparation	Plate Compactors	7,556.35	2,015.06	346.67	345.97
H3	Site Preparation	Pressure Washer	1,841.86	491.17	84.50	84.33
H3	Site Preparation	Pumps	2,306.22	6,316.91	546.00	544.90
H3	Site Preparation	Rollers	607.42	3,545.72	97.34	97.34
H3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
H3	Site Preparation	Skid-Steer Loaders	944.56	21,567.40	103.65	103.65
H3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
H3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
H3	Site Preparation	Tractors/Loaders/Backhoes	4,419.00	25,795.14	708.17	708.17
H3	Site Preparation	Water Trucks	9,025.47	48,500.93	1,292.77	1,292.77
H3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
H3	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
H3	Building Construction	Concrete Pumps	19,946.42	116,433.68	3,196.52	3,196.52
H3	Building Construction	Cranes	10,498.12	45,491.85	1,399.75	1,399.75
H3	Building Construction	Excavators	0.00	0.00	0.00	0.00
H3	Building Construction	Forklifts	0.00	0.00	0.00	0.00
H3	Building Construction	Generator Sets	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

H3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
H3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
H3	Building Construction	Welders	0.00	0.00	0.00	0.00
H3	Paving	Concrete Saw	0.00	0.00	0.00	0.00
H3	Paving	Off-Highway Trucks	9,025.47	48,500.93	1,292.77	1,292.77
H3	Paving	Pavers	1,445.17	8,451.43	215.55	215.55
H3	Paving	Rollers	911.13	5,318.59	146.01	146.01
H3	Paving	Tractors/Loaders/Backhoes	2,761.88	16,121.97	442.61	442.61
H3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
H4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
H4	Site Preparation	Excavator	2,784.84	16,285.88	415.36	415.36
H4	Site Preparation	Off-Highway Trucks	14,309.91	76,898.42	2,049.70	2,049.70
H4	Site Preparation	Pavers	0.00	0.00	0.00	0.00
H4	Site Preparation	Pile Drivers	5,576.83	29,968.70	798.80	798.80
H4	Site Preparation	Plate Compactors	2,995.15	798.72	137.41	137.13
H4	Site Preparation	Pressure Washer	486.71	129.79	22.33	22.28
H4	Site Preparation	Pumps	609.42	1,669.25	144.28	143.99
H4	Site Preparation	Rollers	481.54	2,810.88	77.17	77.17
H4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
H4	Site Preparation	Skid-Steer Loaders	748.80	17,097.60	82.17	82.17
H4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
H4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
H4	Site Preparation	Tractors/Loaders/Backhoes	875.79	5,112.29	140.35	140.35
H4	Site Preparation	Water Trucks	7,154.96	38,449.21	1,024.85	1,024.85
H4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
H4	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
H4	Building Construction	Concrete Pumps	10,653.98	62,190.72	1,707.36	1,707.36
H4	Building Construction	Cranes	4,205.52	18,223.92	560.74	560.74
H4	Building Construction	Excavators	0.00	0.00	0.00	0.00
H4	Building Construction	Forklifts	0.00	0.00	0.00	0.00
H4	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
H4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
H4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
H4	Building Construction	Welders	0.00	0.00	0.00	0.00
H4	Paving	Concrete Saw	0.00	0.00	0.00	0.00
H4	Paving	Off-Highway Trucks	3,577.48	19,224.60	512.42	512.42
H4	Paving	Pavers	572.83	3,349.94	85.44	85.44
H4	Paving	Rollers	361.15	2,108.16	57.88	57.88
H4	Paving	Tractors/Loaders/Backhoes	1,094.74	6,390.36	175.44	175.44
H4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

150 SM	Site Preparation	Excavator (Small 150 HP)	5,514.29	32,247.81	822.46	822.46
150 SM	Site Preparation	Water Trucks	7,461.60	40,097.03	1,068.77	1,068.77
150 SM	Site Preparation	Tractors/Loaders/Backhoes	913.33	5,331.39	146.37	146.37
150 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Pressure Washer	507.57	135.35	23.29	23.24
150 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Trench Roller (25 HP)	617.71	617.71	617.71	617.71
150 SM	Site Preparation	Skid-Steer Loaders	780.89	17,830.35	85.69	85.69
150 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00
150 SM	Site Preparation	Plate Compactors	3,123.52	832.95	143.30	143.01
150 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00
150 SM	Building Construction	Cranes (220 HP mobile crane)	14,310.76	76,902.97	2,049.82	2,049.82
150 SM	Building Construction	Forklifts	0.00	0.00	0.00	0.00
150 SM	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
150 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
150 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
150 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
150 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00
150 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
150 SM	Building Construction	Concrete Pumps	2,771.84	16,180.13	444.20	444.20
150 SM	Building Construction	Welders	0.00	0.00	0.00	0.00
150 SM	Paving	Pavers	597.38	3,493.51	89.10	89.10
150 SM	Paving	Rollers	376.63	2,198.51	60.36	60.36
150 SM	Paving	Off-Highway Trucks	3,730.80	20,048.52	534.39	534.39
150 SM	Paving	Tractors/Loaders/Backhoes	1,141.66	6,664.23	182.96	182.96
150 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00
150 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Excavator (Small 150 HP)	4,826.90	28,227.88	719.93	719.93
40 SM	Site Preparation	Water Trucks	6,531.45	35,098.64	935.54	935.54
40 SM	Site Preparation	Tractors/Loaders/Backhoes	799.47	4,666.79	128.12	128.12
40 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Pressure Washer	444.30	118.48	20.38	20.34
40 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Trench Roller (25 HP)	540.70	540.70	540.70	540.70
40 SM	Site Preparation	Skid-Steer Loaders	683.55	15,607.67	75.01	75.01
40 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00
40 SM	Site Preparation	Plate Compactors	2,734.15	729.12	125.44	125.18

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Criteria Pollutant - OffRoad Emissions

40 SM	Building Construction	Cranes (220 HP mobile crane)	12,613.98	67,784.84	1,806.78	1,806.78
40 SM	Building Construction	Forklifts	0.00	0.00	0.00	0.00
40 SM	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
40 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
40 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
40 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
40 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00
40 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
40 SM	Building Construction	Concrete Pumps	2,443.19	14,261.70	391.53	391.53
40 SM	Building Construction	Welders	0.00	0.00	0.00	0.00
40 SM	Paving	Pavers	522.91	3,058.02	77.99	77.99
40 SM	Paving	Rollers	329.68	1,924.45	52.83	52.83
40 SM	Paving	Off-Highway Trucks	3,265.73	17,549.32	467.77	467.77
40 SM	Paving	Tractors/Loaders/Backhoes	999.34	5,833.49	160.15	160.15
40 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00
40 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
LTA B1-1	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
LTA B1-1	Paving	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
LTA B1-1	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
LTA B1-1	Paving	Pressure Washer	43.46	11.59	1.99	1.99
LTA B1-2	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
LTA B1-2	Paving	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
LTA B1-2	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
LTA B1-2	Paving	Pressure Washer	43.46	11.59	1.99	1.99
LTA B1-3	Paving	Pile Drivers	2,788.42	14,984.35	399.40	399.40
LTA B1-3	Paving	Generator Sets	0.00	0.00	0.00	0.00
LTA B1-3	Paving	Cranes (220 HP mobile crane)	1,577.14	8,475.19	225.90	225.90
LTA B1-3	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
LTA B1-4	Paving	Tractors/Loaders/Backhoes	312.78	1,825.82	50.13	50.13
LTA B1-4	Paving	Pavers	409.17	2,392.82	61.03	61.03
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
LTA B1-4	Paving	Generator Sets	0.00	0.00	0.00	0.00
LTA B1-4	Paving	Excavator (Small 150 HP)	629.49	3,681.26	93.89	93.89
LTA B1-4	Paving	Pavers	409.17	2,392.82	61.03	61.03
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00
LTA B1-4	Paving	Generator Sets	0.00	0.00	0.00	0.00
Excavation	1	E - Excavators	89,403.59	480,435.79	12,805.83	12,805.83
Excavation	1	E - Rubber Tired Dozers	117,357.12	686,309.04	17,503.85	17,503.85
Excavation	1	E - Off-Highway Trucks	158,939.71	854,108.06	22,765.93	22,765.93
Excavation	1	E - Pressure Washers	4,289.15	1,143.79	196.78	196.38
Excavation	1	E - Pumps	31,552.42	136,727.14	4,206.99	4,206.99
Excavation	1	E - Bore/Drill Rigs	182,989.80	983,348.10	26,210.77	26,210.77
Excavation	1	E - Ground anchoring	44,963.21	241,622.68	6,440.36	6,440.36

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Criteria Pollutant - OffRoad Emissions

Excavation	1	⋮ - Mobile Concrete Pump - Tier 4 Diese	31,584.00	136,864.00	4,211.20	4,211.20
Excavation	1	E - Tractors/Loaders/Backhoes	40,430.29	236,004.56	6,479.16	6,479.16
Excavation	1	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	1	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	1	E - Generator Sets	0.00	0.00	0.00	0.00
Excavation	1	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	1	ER- Graders	53,446.96	287,212.57	7,655.54	7,655.54
Excavation	1	ER -Rubber Tired Dozers	23,471.42	137,261.81	3,500.77	3,500.77
Excavation	1	ER -Excavators	18,821.81	101,144.38	2,695.97	2,695.97
Excavation	1	ER -Trenchers	13,791.49	80,505.36	2,210.16	2,210.16
Excavation	1	ER - Off-Highway Trucks	52,979.90	284,702.69	7,588.64	7,588.64
Excavation	1	ER - Skid Steer Loaders	26,953.53	157,336.37	4,319.44	4,319.44
Excavation	1	ER - Pressure Washers	1,429.72	381.26	65.59	65.46
Excavation	1	ER - Plate Compactors	100,886.77	26,903.55	4,628.45	4,619.13
Excavation	2a	E - Excavators	20,085.70	107,936.28	2,877.00	2,877.00
Excavation	2a	E - Rubber Tired Dozers	26,365.84	154,188.44	3,932.47	3,932.47
Excavation	2a	E - Off-Highway Trucks	35,707.92	191,886.72	5,114.67	5,114.67
Excavation	2a	E - Pressure Washers	963.62	256.97	44.21	44.12
Excavation	2a	E - Pumps	7,088.67	30,717.57	945.16	945.16
Excavation	2a	E - Bore/Drill Rigs	41,111.09	220,922.21	5,888.60	5,888.60
Excavation	2a	E - Ground anchoring	10,101.58	54,283.74	1,446.91	1,446.91
Excavation	2a	⋮ - Mobile Concrete Pump - Tier 4 Diese	7,095.77	30,748.32	946.10	946.10
Excavation	2a	E - Tractors/Loaders/Backhoes	9,083.20	53,021.56	1,455.63	1,455.63
Excavation	2a	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	2a	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	2a	E - Generator Sets	0.00	0.00	0.00	0.00
Excavation	2a	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	2a	ER- Graders	31,215.30	167,744.36	4,471.16	4,471.16
Excavation	2a	ER -Rubber Tired Dozers	13,708.31	80,166.74	2,044.60	2,044.60
Excavation	2a	ER -Excavators	10,992.74	59,072.62	1,574.56	1,574.56
Excavation	2a	ER -Trenchers	8,054.82	47,018.56	1,290.83	1,290.83
Excavation	2a	ER - Off-Highway Trucks	30,942.52	166,278.48	4,432.09	4,432.09
Excavation	2a	ER - Skid Steer Loaders	15,742.01	91,891.14	2,522.74	2,522.74
Excavation	2a	ER - Pressure Washers	835.02	222.67	38.31	38.23
Excavation	2a	ER - Plate Compactors	58,922.17	15,712.82	2,703.21	2,697.77

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Criteria Pollutant - OffRoad Emissions

Excavation	2b	E - Excavators	15,822.11	85,024.66	2,266.30	2,266.30
Excavation	2b	E - Rubber Tired Dozers	20,769.16	121,458.88	3,097.73	3,097.73
Excavation	2b	E - Off-Highway Trucks	28,128.20	151,154.95	4,028.98	4,028.98
Excavation	2b	E - Pressure Washers	759.07	202.42	34.82	34.75
Excavation	2b	E - Pumps	5,583.96	24,197.15	744.53	744.53
Excavation	2b	E - Bore/Drill Rigs	32,384.44	174,027.08	4,638.63	4,638.63
Excavation	2b	E - Ground anchoring	7,957.32	42,760.94	1,139.78	1,139.78
Excavation	2b	E - Mobile Concrete Pump - Tier 4 Diese	5,589.55	24,221.37	745.27	745.27
Excavation	2b	E - Tractors/Loaders/Backhoes	7,155.11	41,766.68	1,146.64	1,146.64
Excavation	2b	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	2b	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	2b	E - Generator Sets	0.00	0.00	0.00	0.00
Excavation	2b	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	2b	ER- Graders	17,853.56	95,941.22	2,557.28	2,557.28
Excavation	2b	ER -Rubber Tired Dozers	7,840.45	45,851.28	1,169.41	1,169.41
Excavation	2b	ER -Excavators	6,287.28	33,786.53	900.57	900.57
Excavation	2b	ER -Trenchers	4,606.95	26,892.22	738.29	738.29
Excavation	2b	ER - Off-Highway Trucks	17,697.54	95,102.81	2,534.93	2,534.93
Excavation	2b	ER - Skid Steer Loaders	9,003.62	52,557.04	1,442.88	1,442.88
Excavation	2b	ER - Pressure Washers	477.59	127.36	21.91	21.87
Excavation	2b	ER - Plate Compactors	33,700.47	8,986.93	1,546.10	1,542.99
Excavation	3	E - Excavators	33,241.51	178,632.79	4,761.39	4,761.39
Excavation	3	E - Rubber Tired Dozers	43,635.03	255,179.37	6,508.18	6,508.18
Excavation	3	E - Off-Highway Trucks	59,096.02	317,569.41	8,464.69	8,464.69
Excavation	3	E - Pressure Washers	1,594.77	425.28	73.16	73.02
Excavation	3	E - Pumps	11,731.63	50,837.08	1,564.22	1,564.22
Excavation	3	E - Bore/Drill Rigs	68,038.19	365,622.68	9,745.53	9,745.53
Excavation	3	E - Ground anchoring	16,717.95	89,838.72	2,394.62	2,394.62
Excavation	3	E - Mobile Concrete Pump - Tier 4 Diese	11,743.38	50,887.96	1,565.78	1,565.78
Excavation	3	E - Tractors/Loaders/Backhoes	15,032.55	87,749.82	2,409.04	2,409.04
Excavation	3	E - Aerial Lifts	0.00	0.00	0.00	0.00
Excavation	3	E - Air Compressors	0.00	0.00	0.00	0.00
Excavation	3	E - Generator Sets	0.00	0.00	0.00	0.00
Excavation	3	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00
Excavation	3	ER- Graders	36,901.15	198,298.89	5,285.58	5,285.58
Excavation	3	ER -Rubber Tired Dozers	16,205.27	94,769.06	2,417.02	2,417.02
Excavation	3	ER -Excavators	12,995.06	69,832.66	1,861.36	1,861.36
Excavation	3	ER -Trenchers	9,522.00	55,582.96	1,525.95	1,525.95
Excavation	3	ER - Off-Highway Trucks	36,578.68	196,566.00	5,239.39	5,239.39
Excavation	3	ER - Skid Steer Loaders	18,609.40	108,629.05	2,982.25	2,982.25
Excavation	3	ER - Pressure Washers	987.11	263.23	45.29	45.20
Excavation	3	ER - Plate Compactors	69,654.80	18,574.90	3,195.60	3,189.17

Google
Criteria Pollutant - OffRoad Emissions

Block	Phase	Start Date
A1	Site Preparation	4/1/27
A1	Building Construction	6/13/2027
A1	Paving	7/13/2029
A1	Arc. Coating	9/6/2029
B1	Site Preparation	10/1/2026
B1	Building Construction	12/10/2026
B1	Paving	12/15/2028
B1	Arc. Coating	2/6/2029
C1	Site Preparation	9/1/2029
C1	Building Construction	11/12/2029
C1	Paving	11/12/2029
C1	Arc. Coating	2/5/2032
C2	Site Preparation	4/1/2029
C2	Building Construction	6/13/2029
C2	Paving	7/13/2031
C2	Arc. Coating	9/6/2031
C3	Site Preparation	1/1/2030
C3	Building Construction	2/28/2030
C3	Paving	11/3/2031
C3	Arc. Coating	12/17/2031
D1	Site Preparation	1/1/2029
D1	Building Construction	2/28/2029
D1	Paving	11/4/2030
D1	Arc. Coating	12/18/2030
D4	Site Preparation	4/1/2029
D4	Building Construction	6/3/2029
D4	Paving	3/28/2031
D4	Arc. Coating	5/14/2031
D5-D6	Site Preparation	10/1/2023
D5-D6	Building Construction	12/3/2023
D5-D6	Paving	9/26/2025
D5-D6	Arc. Coating	11/13/2025
D7	Site Preparation	7/1/2025
D7	Building Construction	9/4/2025
D7	Paving	7/24/2027
D7	Arc. Coating	9/11/2027
D8-D13	Site Preparation	6/1/2023
D8-D13	Building Construction	10/5/2023
D8-D13	Paving	4/24/2027
D8-D13	Arc. Coating	7/28/2027
E1.1	Site Preparation	1/1/2024

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Criteria Pollutant - OffRoad Emissions

E1.1	Building Construction	2/21/2024
E1.1	Paving	8/15/2025
E1.1	Arc. Coating	9/22/2025
E1.2	Site Preparation	10/1/2023
E1.2	Building Construction	12/5/2023
E1.2	Paving	10/24/2025
E1.2	Arc. Coating	12/12/2025
F1-F2	Site Preparation	6/1/2024
F1-F2	Building Construction	8/8/2024
F1-F2	Paving	7/20/2026
F1-F2	Arc. Coating	9/9/2026
F3	Site Preparation	3/1/2025
F3	Building Construction	4/28/2025
F3	Paving	1/2/2027
F3	Arc. Coating	2/15/2027
F4	Site Preparation	6/1/2024
F4	Building Construction	8/8/2024
F4	Paving	7/20/2026
F4	Arc. Coating	9/9/2026
F5	Site Preparation	10/1/2022
F5	Building Construction	12/20/2022
F5	Paving	4/1/2025
F5	Arc. Coating	5/31/2025
F6	Site Preparation	7/1/2024
F6	Building Construction	9/2/2024
F6	Paving	6/27/2026
F6	Arc. Coating	8/14/2026
G1	Site Preparation	1/1/2025
G1	Building Construction	3/7/2025
G1	Paving	1/22/2027
G1	Arc. Coating	3/12/2027
H1	Site Preparation	7/1/2024
H1	Building Construction	9/4/2024
H1	Paving	7/24/2026
H1	Arc. Coating	9/11/2026
H2	Site Preparation	1/1/2029
H2	Building Construction	2/25/2029
H2	Paving	10/8/2030
H2	Arc. Coating	11/19/2030
H3	Site Preparation	7/1/2025
H3	Building Construction	9/9/2025
H3	Paving	9/16/2027
H3	Arc. Coating	11/8/2027

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H4	Site Preparation		2/1/2027
H4	Building Construction		3/29/2027
H4	Paving		11/8/2028
H4	Arc. Coating		12/20/2028
150 SM	Site Preparation		10/1/2024
150 SM	Building Construction		11/28/2024
150 SM	Paving		8/4/2026
150 SM	Arc. Coating		9/17/2026
40 SM	Site Preparation		1/1/2024
40 SM	Building Construction		2/21/2024
40 SM	Paving		8/15/2025
40 SM	Arc. Coating		9/22/2025
LTA B1-1	Paving		7/1/2025
LTA B1-2	Paving		7/8/2025
LTA B1-3	Paving		7/15/2025
LTA B1-4	Paving		8/13/2025
LTA B1-4	Paving		8/24/2025
Excavation		1	7/1/2021
Excavation		2a	7/1/2025
Excavation		2b	1/1/2029
Excavation		3	1/1/2030

Google
Criteria Pollutant - OffRoad Emissions

			Tons			
Block	**Phase**	**Equipment**	**ROG**	**Nox**	**PM10**	**PM2.5**
A1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
A1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
A1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
A1	Site Preparation	Excavator	0.02	0.09	0.00	0.00
A1	Site Preparation	Water Trucks	0.02	0.11	0.00	0.00
A1	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.06	0.00	0.00
A1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
A1	Site Preparation	Off-Highway Trucks	0.03	0.17	0.00	0.00
A1	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00
A1	Site Preparation	Pavers	0.00	0.00	0.00	0.00
A1	Site Preparation	Rollers	0.00	0.01	0.00	0.00
A1	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00
A1	Site Preparation	Pumps	0.00	0.01	0.00	0.00
A1	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00
A1	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00
A1	Building Construction	Cranes	0.02	0.08	0.00	0.00
A1	Building Construction	Forklifts	0.00	0.00	0.00	0.00
A1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00
A1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00
A1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00
A1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00
A1	Building Construction	Excavators	0.00	0.00	0.00	0.00
A1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00
A1	Building Construction	Concrete Pumps	0.03	0.18	0.00	0.00
A1	Building Construction	Welders	0.00	0.00	0.00	0.00
A1	Paving	Pavers	0.01	0.04	0.00	0.00
A1	Paving	Rollers	0.00	0.02	0.00	0.00
A1	Paving	Off-Highway Trucks	0.02	0.08	0.00	0.00
A1	Paving	Tractors/Loaders/Backhoes	0.00	0.03	0.00	0.00
A1	Paving	Concrete Saw	0.00	0.00	0.00	0.00
A1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00
B1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00
B1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00
B1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00
B1	Site Preparation	Excavator	0.01	0.05	0.00	0.00
B1	Site Preparation	Water Trucks	0.02	0.11	0.00	0.00
B1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.03	0.00	0.00
B1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00
B1	Site Preparation	Off-Highway Trucks	0.03	0.16	0.00	0.00
B1	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00
B1	Site Preparation	Pavers	0.00	0.00	0.00	0.00

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Criteria Pollutant - OffRoad Emissions

B1	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
B1	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00	
B1	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
B1	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
B1	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
B1	Building Construction	Cranes	0.01	0.06	0.00	0.00	
B1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
B1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
B1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
B1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
B1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
B1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
B1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
B1	Building Construction	Concrete Pumps	0.03	0.17	0.00	0.00	
B1	Building Construction	Welders	0.00	0.00	0.00	0.00	
B1	Paving	Pavers	0.00	0.01	0.00	0.00	
B1	Paving	Rollers	0.00	0.01	0.00	0.00	
B1	Paving	Off-Highway Trucks	0.01	0.05	0.00	0.00	
B1	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
B1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
B1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
C1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
C1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
C1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
C1	Site Preparation	Excavator	0.02	0.09	0.00	0.00	
C1	Site Preparation	Water Trucks	0.03	0.17	0.00	0.00	
C1	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.07	0.00	0.00	
C1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
C1	Site Preparation	Off-Highway Trucks	0.04	0.22	0.01	0.01	
C1	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
C1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
C1	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
C1	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00	
C1	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
C1	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
C1	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
C1	Building Construction	Cranes	0.02	0.08	0.00	0.00	
C1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
C1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
C1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
C1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
C1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
C1	Building Construction	Excavators	0.00	0.00	0.00	0.00	

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Criteria Pollutant - OffRoad Emissions

C1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
C1	Building Construction	Concrete Pumps	0.03	0.18	0.00	0.00	
C1	Building Construction	Welders	0.00	0.00	0.00	0.00	
C1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
C1	Paving	Off-Highway Trucks	0.01	0.06	0.00	0.00	
C1	Paving	Pavers	0.00	0.02	0.00	0.00	
C1	Paving	Rollers	0.00	0.02	0.00	0.00	
C1	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
C1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
C2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
C2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
C2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
C2	Site Preparation	Excavator	0.01	0.06	0.00	0.00	
C2	Site Preparation	Water Trucks	0.02	0.11	0.00	0.00	
C2	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.03	0.00	0.00	
C2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
C2	Site Preparation	Off-Highway Trucks	0.03	0.17	0.00	0.00	
C2	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
C2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
C2	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
C2	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00	
C2	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
C2	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
C2	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
C2	Building Construction	Cranes	0.02	0.08	0.00	0.00	
C2	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
C2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
C2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
C2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
C2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
C2	Building Construction	Excavators	0.00	0.00	0.00	0.00	
C2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
C2	Building Construction	Concrete Pumps	0.03	0.18	0.01	0.01	
C2	Building Construction	Welders	0.00	0.00	0.00	0.00	
C2	Paving	Pavers	0.00	0.01	0.00	0.00	
C2	Paving	Rollers	0.00	0.01	0.00	0.00	
C2	Paving	Off-Highway Trucks	0.01	0.06	0.00	0.00	
C2	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
C2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
C2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
C3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
C3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
C3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	

Google
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C3	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
C3	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
C3	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
C3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
C3	Site Preparation	Off-Highway Trucks	0.02	0.09	0.00	0.00	
C3	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
C3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
C3	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
C3	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
C3	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
C3	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
C3	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
C3	Building Construction	Cranes	0.00	0.01	0.00	0.00	
C3	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
C3	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
C3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
C3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
C3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
C3	Building Construction	Excavators	0.00	0.00	0.00	0.00	
C3	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
C3	Building Construction	Concrete Pumps	0.02	0.11	0.00	0.00	
C3	Building Construction	Welders	0.00	0.00	0.00	0.00	
C3	Paving	Pavers	0.00	0.00	0.00	0.00	
C3	Paving	Rollers	0.00	0.00	0.00	0.00	
C3	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
C3	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
C3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
C3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D1	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
D1	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
D1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D1	Site Preparation	Off-Highway Trucks	0.01	0.04	0.00	0.00	
D1	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
D1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D1	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
D1	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
D1	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
D1	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
D1	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	

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D1	Building Construction	Cranes	0.00	0.01	0.00	0.00	
D1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
D1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
D1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
D1	Building Construction	Concrete Pumps	0.01	0.07	0.00	0.00	
D1	Building Construction	Welders	0.00	0.00	0.00	0.00	
D1	Paving	Pavers	0.00	0.00	0.00	0.00	
D1	Paving	Rollers	0.00	0.00	0.00	0.00	
D1	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
D1	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D4	Site Preparation	Excavator	0.01	0.04	0.00	0.00	
D4	Site Preparation	Water Trucks	0.02	0.10	0.00	0.00	
D4	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
D4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D4	Site Preparation	Off-Highway Trucks	0.03	0.14	0.00	0.00	
D4	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
D4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D4	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
D4	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
D4	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
D4	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
D4	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
D4	Building Construction	Cranes	0.01	0.03	0.00	0.00	
D4	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
D4	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
D4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D4	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D4	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
D4	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
D4	Building Construction	Welders	0.00	0.00	0.00	0.00	
D4	Paving	Pavers	0.00	0.01	0.00	0.00	
D4	Paving	Rollers	0.00	0.00	0.00	0.00	

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D4	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
D4	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
D5-D6	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D5-D6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Off-Highway Trucks	0.01	0.05	0.00	0.00	
D5-D6	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
D5-D6	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
D5-D6	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
D5-D6	Building Construction	Cranes	0.00	0.01	0.00	0.00	
D5-D6	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
D5-D6	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
D5-D6	Building Construction	Welders	0.00	0.00	0.00	0.00	
D5-D6	Paving	Pavers	0.00	0.00	0.00	0.00	
D5-D6	Paving	Rollers	0.00	0.00	0.00	0.00	
D5-D6	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
D5-D6	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D5-D6	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D5-D6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D7	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D7	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D7	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D7	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
D7	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
D7	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D7	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D7	Site Preparation	Off-Highway Trucks	0.02	0.10	0.00	0.00	

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D7	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
D7	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D7	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
D7	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
D7	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
D7	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
D7	Site Preparation	Pile Drivers	0.01	0.04	0.00	0.00	
D7	Building Construction	Cranes	0.01	0.02	0.00	0.00	
D7	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
D7	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
D7	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D7	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D7	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D7	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D7	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
D7	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
D7	Building Construction	Welders	0.00	0.00	0.00	0.00	
D7	Paving	Pavers	0.00	0.00	0.00	0.00	
D7	Paving	Rollers	0.00	0.00	0.00	0.00	
D7	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
D7	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D7	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D7	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Excavator (Small 150 HP)	0.02	0.12	0.00	0.00	
D8-D13	Site Preparation	Water Trucks	0.02	0.10	0.00	0.00	
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
D8-D13	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Trench Roller (25 HP)	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Skid-Steer Loaders	0.01	0.13	0.00	0.00	
D8-D13	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
D8-D13	Site Preparation	Plate Compactors	0.02	0.01	0.00	0.00	
D8-D13	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Cranes (220 HP mobile crane)	0.07	0.36	0.01	0.01	
D8-D13	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	

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D8-D13	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Excavators	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
D8-D13	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
D8-D13	Building Construction	Welders	0.00	0.00	0.00	0.00	
D8-D13	Paving	Pavers	0.00	0.01	0.00	0.00	
D8-D13	Paving	Rollers	0.00	0.01	0.00	0.00	
D8-D13	Paving	Off-Highway Trucks	0.01	0.05	0.00	0.00	
D8-D13	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
D8-D13	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
D8-D13	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Excavator	0.01	0.03	0.00	0.00	
E1.1	Site Preparation	Water Trucks	0.01	0.08	0.00	0.00	
E1.1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
E1.1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Off-Highway Trucks	0.02	0.12	0.00	0.00	
E1.1	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
E1.1	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
E1.1	Site Preparation	Pile Drivers	0.01	0.05	0.00	0.00	
E1.1	Building Construction	Cranes	0.01	0.03	0.00	0.00	
E1.1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
E1.1	Building Construction	Concrete Pumps	0.02	0.09	0.00	0.00	
E1.1	Building Construction	Welders	0.00	0.00	0.00	0.00	
E1.1	Paving	Pavers	0.00	0.01	0.00	0.00	
E1.1	Paving	Rollers	0.00	0.00	0.00	0.00	
E1.1	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
E1.1	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
E1.1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
E1.1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	

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E1.2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Excavator	0.01	0.08	0.00	0.00	
E1.2	Site Preparation	Water Trucks	0.02	0.10	0.00	0.00	
E1.2	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.05	0.00	0.00	
E1.2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Off-Highway Trucks	0.03	0.15	0.00	0.00	
E1.2	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
E1.2	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
E1.2	Site Preparation	Skid-Steer Loaders	0.00	0.04	0.00	0.00	
E1.2	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
E1.2	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
E1.2	Site Preparation	Pile Drivers	0.01	0.06	0.00	0.00	
E1.2	Building Construction	Cranes	0.01	0.06	0.00	0.00	
E1.2	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Excavators	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
E1.2	Building Construction	Concrete Pumps	0.03	0.16	0.00	0.00	
E1.2	Building Construction	Welders	0.00	0.00	0.00	0.00	
E1.2	Paving	Pavers	0.01	0.03	0.00	0.00	
E1.2	Paving	Rollers	0.00	0.02	0.00	0.00	
E1.2	Paving	Off-Highway Trucks	0.01	0.07	0.00	0.00	
E1.2	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
E1.2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
E1.2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Excavator	0.02	0.11	0.00	0.00	
F1-F2	Site Preparation	Off-Highway Trucks	0.04	0.21	0.01	0.01	
F1-F2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Pile Drivers	0.01	0.08	0.00	0.00	
F1-F2	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
F1-F2	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
F1-F2	Site Preparation	Rollers	0.00	0.01	0.00	0.00	
F1-F2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Skid-Steer Loaders	0.00	0.05	0.00	0.00	
F1-F2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F1-F2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	

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F1-F2	Site Preparation	Tractors/Loaders/Backhoes	0.01	0.07	0.00	0.00	
F1-F2	Site Preparation	Water Trucks	0.03	0.15	0.00	0.00	
F1-F2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Concrete Pumps	0.03	0.17	0.00	0.00	
F1-F2	Building Construction	Cranes	0.02	0.08	0.00	0.00	
F1-F2	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F1-F2	Building Construction	Welders	0.00	0.00	0.00	0.00	
F1-F2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F1-F2	Paving	Off-Highway Trucks	0.02	0.10	0.00	0.00	
F1-F2	Paving	Pavers	0.01	0.04	0.00	0.00	
F1-F2	Paving	Rollers	0.00	0.03	0.00	0.00	
F1-F2	Paving	Tractors/Loaders/Backhoes	0.01	0.03	0.00	0.00	
F1-F2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F3	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
F3	Site Preparation	Off-Highway Trucks	0.01	0.04	0.00	0.00	
F3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F3	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
F3	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
F3	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
F3	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
F3	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
F3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F3	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
F3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
F3	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F3	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
F3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F3	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
F3	Building Construction	Concrete Pumps	0.01	0.07	0.00	0.00	
F3	Building Construction	Cranes	0.00	0.01	0.00	0.00	
F3	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F3	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
F3	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
F3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F3	Building Construction	Welders	0.00	0.00	0.00	0.00	

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Criteria Pollutant - OffRoad Emissions

F3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F3	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
F3	Paving	Pavers	0.00	0.00	0.00	0.00	
F3	Paving	Rollers	0.00	0.00	0.00	0.00	
F3	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F4	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
F4	Site Preparation	Off-Highway Trucks	0.02	0.10	0.00	0.00	
F4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F4	Site Preparation	Pile Drivers	0.01	0.04	0.00	0.00	
F4	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
F4	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
F4	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
F4	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
F4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F4	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
F4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
F4	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F4	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
F4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F4	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
F4	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
F4	Building Construction	Cranes	0.01	0.02	0.00	0.00	
F4	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F4	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
F4	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
F4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F4	Building Construction	Welders	0.00	0.00	0.00	0.00	
F4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F4	Paving	Off-Highway Trucks	0.00	0.03	0.00	0.00	
F4	Paving	Pavers	0.00	0.00	0.00	0.00	
F4	Paving	Rollers	0.00	0.00	0.00	0.00	
F4	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F5	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F5	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
F5	Site Preparation	Off-Highway Trucks	0.01	0.06	0.00	0.00	
F5	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F5	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
F5	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	

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Criteria Pollutant - OffRoad Emissions

F5	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
F5	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
F5	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
F5	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F5	Site Preparation	Skid-Steer Loaders	0.00	0.03	0.00	0.00	
F5	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F5	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
F5	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F5	Site Preparation	Water Trucks	0.01	0.06	0.00	0.00	
F5	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F5	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
F5	Building Construction	Concrete Pumps	0.01	0.05	0.00	0.00	
F5	Building Construction	Cranes	0.00	0.01	0.00	0.00	
F5	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F5	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
F5	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
F5	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F5	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F5	Building Construction	Welders	0.00	0.00	0.00	0.00	
F5	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F5	Paving	Off-Highway Trucks	0.01	0.03	0.00	0.00	
F5	Paving	Pavers	0.00	0.01	0.00	0.00	
F5	Paving	Rollers	0.00	0.00	0.00	0.00	
F5	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F5	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
F6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
F6	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
F6	Site Preparation	Off-Highway Trucks	0.01	0.05	0.00	0.00	
F6	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
F6	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
F6	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
F6	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
F6	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
F6	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
F6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
F6	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
F6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
F6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
F6	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F6	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
F6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
F6	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
F6	Building Construction	Concrete Pumps	0.01	0.04	0.00	0.00	

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Criteria Pollutant - OffRoad Emissions

F6	Building Construction	Cranes	0.00	0.01	0.00	0.00	
F6	Building Construction	Excavators	0.00	0.00	0.00	0.00	
F6	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
F6	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
F6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
F6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
F6	Building Construction	Welders	0.00	0.00	0.00	0.00	
F6	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
F6	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
F6	Paving	Pavers	0.00	0.00	0.00	0.00	
F6	Paving	Rollers	0.00	0.00	0.00	0.00	
F6	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
F6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
G1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
G1	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
G1	Site Preparation	Off-Highway Trucks	0.01	0.05	0.00	0.00	
G1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
G1	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
G1	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
G1	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
G1	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
G1	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
G1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
G1	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
G1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
G1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
G1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
G1	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
G1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
G1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
G1	Building Construction	Concrete Pumps	0.01	0.08	0.00	0.00	
G1	Building Construction	Cranes	0.01	0.05	0.00	0.00	
G1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
G1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
G1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
G1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
G1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
G1	Building Construction	Welders	0.00	0.00	0.00	0.00	
G1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
G1	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
G1	Paving	Pavers	0.00	0.00	0.00	0.00	
G1	Paving	Rollers	0.00	0.00	0.00	0.00	
G1	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	

Google
Criteria Pollutant - OffRoad Emissions

G1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
H1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
H1	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
H1	Site Preparation	Off-Highway Trucks	0.01	0.05	0.00	0.00	
H1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
H1	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
H1	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
H1	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
H1	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
H1	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
H1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
H1	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
H1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
H1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
H1	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H1	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
H1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
H1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
H1	Building Construction	Concrete Pumps	0.01	0.04	0.00	0.00	
H1	Building Construction	Cranes	0.01	0.02	0.00	0.00	
H1	Building Construction	Excavators	0.00	0.00	0.00	0.00	
H1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
H1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
H1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
H1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
H1	Building Construction	Welders	0.00	0.00	0.00	0.00	
H1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
H1	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
H1	Paving	Pavers	0.00	0.00	0.00	0.00	
H1	Paving	Rollers	0.00	0.00	0.00	0.00	
H1	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
H2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
H2	Site Preparation	Excavator	0.00	0.01	0.00	0.00	
H2	Site Preparation	Off-Highway Trucks	0.01	0.04	0.00	0.00	
H2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
H2	Site Preparation	Pile Drivers	0.00	0.02	0.00	0.00	
H2	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
H2	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
H2	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
H2	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
H2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	

Google
Criteria Pollutant - OffRoad Emissions

H2	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
H2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
H2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
H2	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H2	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
H2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
H2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
H2	Building Construction	Concrete Pumps	0.01	0.03	0.00	0.00	
H2	Building Construction	Cranes	0.00	0.01	0.00	0.00	
H2	Building Construction	Excavators	0.00	0.00	0.00	0.00	
H2	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
H2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
H2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
H2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
H2	Building Construction	Welders	0.00	0.00	0.00	0.00	
H2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
H2	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
H2	Paving	Pavers	0.00	0.00	0.00	0.00	
H2	Paving	Rollers	0.00	0.00	0.00	0.00	
H2	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
H3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
H3	Site Preparation	Excavator	0.01	0.05	0.00	0.00	
H3	Site Preparation	Off-Highway Trucks	0.02	0.11	0.00	0.00	
H3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
H3	Site Preparation	Pile Drivers	0.01	0.04	0.00	0.00	
H3	Site Preparation	Plate Compactors	0.01	0.00	0.00	0.00	
H3	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
H3	Site Preparation	Pumps	0.00	0.01	0.00	0.00	
H3	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
H3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
H3	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
H3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
H3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
H3	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.03	0.00	0.00	
H3	Site Preparation	Water Trucks	0.01	0.05	0.00	0.00	
H3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
H3	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.000	0.00	
H3	Building Construction	Concrete Pumps	0.02	0.13	0.00	0.00	
H3	Building Construction	Cranes	0.01	0.05	0.00	0.00	
H3	Building Construction	Excavators	0.00	0.00	0.00	0.00	
H3	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
H3	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	

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Criteria Pollutant - OffRoad Emissions

H3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
H3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
H3	Building Construction	Welders	0.00	0.00	0.00	0.00	
H3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
H3	Paving	Off-Highway Trucks	0.01	0.05	0.00	0.00	
H3	Paving	Pavers	0.00	0.01	0.00	0.00	
H3	Paving	Rollers	0.00	0.01	0.00	0.00	
H3	Paving	Tractors/Loaders/Backhoes	0.00	0.02	0.00	0.00	
H3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
H4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
H4	Site Preparation	Excavator	0.00	0.02	0.00	0.00	
H4	Site Preparation	Off-Highway Trucks	0.02	0.08	0.00	0.00	
H4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
H4	Site Preparation	Pile Drivers	0.01	0.03	0.00	0.00	
H4	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
H4	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
H4	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
H4	Site Preparation	Rollers	0.00	0.00	0.00	0.00	
H4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
H4	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
H4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
H4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
H4	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H4	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
H4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
H4	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
H4	Building Construction	Concrete Pumps	0.01	0.07	0.00	0.00	
H4	Building Construction	Cranes	0.00	0.02	0.00	0.00	
H4	Building Construction	Excavators	0.00	0.00	0.00	0.00	
H4	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
H4	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
H4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
H4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
H4	Building Construction	Welders	0.00	0.00	0.00	0.00	
H4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
H4	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
H4	Paving	Pavers	0.00	0.00	0.00	0.00	
H4	Paving	Rollers	0.00	0.00	0.00	0.00	
H4	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
H4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	

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Criteria Pollutant - OffRoad Emissions

150 SM	Site Preparation	Excavator (Small 150 HP)	0.01	0.04	0.00	0.00	
150 SM	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
150 SM	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
150 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Trench Roller (25 HP)	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
150 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	
150 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Cranes (220 HP mobile crane)	0.02	0.08	0.00	0.00	
150 SM	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
150 SM	Building Construction	Concrete Pumps	0.00	0.02	0.00	0.00	
150 SM	Building Construction	Welders	0.00	0.00	0.00	0.00	
150 SM	Paving	Pavers	0.00	0.00	0.00	0.00	
150 SM	Paving	Rollers	0.00	0.00	0.00	0.00	
150 SM	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
150 SM	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
150 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
150 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Excavator (Small 150 HP)	0.01	0.03	0.00	0.00	
40 SM	Site Preparation	Water Trucks	0.01	0.04	0.00	0.00	
40 SM	Site Preparation	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
40 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Pressure Washer	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Trench Roller (25 HP)	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Skid-Steer Loaders	0.00	0.02	0.00	0.00	
40 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00	
40 SM	Site Preparation	Plate Compactors	0.00	0.00	0.00	0.00	

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40 SM	Building Construction	Cranes (220 HP mobile crane)	0.01	0.07	0.00	0.00	
40 SM	Building Construction	Forklifts	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
40 SM	Building Construction	Concrete Pumps	0.00	0.02	0.00	0.00	
40 SM	Building Construction	Welders	0.00	0.00	0.00	0.00	
40 SM	Paving	Pavers	0.00	0.00	0.00	0.00	
40 SM	Paving	Rollers	0.00	0.00	0.00	0.00	
40 SM	Paving	Off-Highway Trucks	0.00	0.02	0.00	0.00	
40 SM	Paving	Tractors/Loaders/Backhoes	0.00	0.01	0.00	0.00	
40 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00	
40 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	
LTA B1-1	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
LTA B1-1	Paving	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
LTA B1-1	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
LTA B1-1	Paving	Pressure Washer	0.00	0.00	0.00	0.00	
LTA B1-2	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	
LTA B1-2	Paving	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	
LTA B1-2	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
LTA B1-2	Paving	Pressure Washer	0.00	0.00	0.00	0.00	
LTA B1-3	Paving	Pile Drivers	0.00	0.02	0.00	0.00	
LTA B1-3	Paving	Generator Sets	0.00	0.00	0.00	0.00	
LTA B1-3	Paving	Cranes (220 HP mobile crane)	0.00	0.01	0.00	0.00	
LTA B1-3	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Pavers	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Generator Sets	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Excavator (Small 150 HP)	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Pavers	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	
LTA B1-4	Paving	Generator Sets	0.00	0.00	0.00	0.00	
Excavation	1	E - Excavators	0.10	0.53	0.01	0.01	
Excavation	1	E - Rubber Tired Dozers	0.13	0.76	0.02	0.02	
Excavation	1	E - Off-Highway Trucks	0.18	0.94	0.03	0.03	
Excavation	1	E - Pressure Washers	0.00	0.00	0.00	0.00	
Excavation	1	E - Pumps	0.03	0.15	0.00	0.00	
Excavation	1	E - Bore/Drill Rigs	0.20	1.08	0.03	0.03	
Excavation	1	E - Ground anchoring	0.05	0.27	0.01	0.01	

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Criteria Pollutant - OffRoad Emissions

Excavation	1	⋮ - Mobile Concrete Pump - Tier 4 Diese	0.03	0.15	0.00	0.00	
Excavation	1	E - Tractors/Loaders/Backhoes	0.04	0.26	0.01	0.01	
Excavation	1	E - Aerial Lifts	0.00	0.00	0.00	0.00	
Excavation	1	E - Air Compressors	0.00	0.00	0.00	0.00	
Excavation	1	E - Generator Sets	0.00	0.00	0.00	0.00	
Excavation	1	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
Excavation	1	ER- Graders	0.06	0.32	0.01	0.01	
Excavation	1	ER -Rubber Tired Dozers	0.03	0.15	0.00	0.00	
Excavation	1	ER -Excavators	0.02	0.11	0.00	0.00	
Excavation	1	ER -Trenchers	0.02	0.09	0.00	0.00	
Excavation	1	ER - Off-Highway Trucks	0.06	0.31	0.01	0.01	
Excavation	1	ER - Skid Steer Loaders	0.03	0.17	0.00	0.00	
Excavation	1	ER - Pressure Washers	0.00	0.00	0.00	0.00	
Excavation	1	ER - Plate Compactors	0.11	0.03	0.01	0.01	
Excavation	2a	E - Excavators	0.02	0.12	0.00	0.00	
Excavation	2a	E - Rubber Tired Dozers	0.03	0.17	0.00	0.00	
Excavation	2a	E - Off-Highway Trucks	0.04	0.21	0.01	0.01	
Excavation	2a	E - Pressure Washers	0.00	0.00	0.00	0.00	
Excavation	2a	E - Pumps	0.01	0.03	0.00	0.00	
Excavation	2a	E - Bore/Drill Rigs	0.05	0.24	0.01	0.01	
Excavation	2a	E - Ground anchoring	0.01	0.06	0.00	0.00	
Excavation	2a	⋮ - Mobile Concrete Pump - Tier 4 Diese	0.01	0.03	0.00	0.00	
Excavation	2a	E - Tractors/Loaders/Backhoes	0.01	0.06	0.00	0.00	
Excavation	2a	E - Aerial Lifts	0.00	0.00	0.00	0.00	
Excavation	2a	E - Air Compressors	0.00	0.00	0.00	0.00	
Excavation	2a	E - Generator Sets	0.00	0.00	0.00	0.00	
Excavation	2a	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
Excavation	2a	ER- Graders	0.03	0.18	0.00	0.00	
Excavation	2a	ER -Rubber Tired Dozers	0.02	0.09	0.00	0.00	
Excavation	2a	ER -Excavators	0.01	0.07	0.00	0.00	
Excavation	2a	ER -Trenchers	0.01	0.05	0.00	0.00	
Excavation	2a	ER - Off-Highway Trucks	0.03	0.18	0.00	0.00	
Excavation	2a	ER - Skid Steer Loaders	0.02	0.10	0.00	0.00	
Excavation	2a	ER - Pressure Washers	0.00	0.00	0.00	0.00	
Excavation	2a	ER - Plate Compactors	0.06	0.02	0.00	0.00	

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Criteria Pollutant - OffRoad Emissions

Excavation	2b	E - Excavators	0.02	0.09	0.00	0.00	
Excavation	2b	E - Rubber Tired Dozers	0.02	0.13	0.00	0.00	
Excavation	2b	E - Off-Highway Trucks	0.03	0.17	0.00	0.00	
Excavation	2b	E - Pressure Washers	0.00	0.00	0.00	0.00	
Excavation	2b	E - Pumps	0.01	0.03	0.00	0.00	
Excavation	2b	E - Bore/Drill Rigs	0.04	0.19	0.01	0.01	
Excavation	2b	E - Ground anchoring	0.01	0.05	0.00	0.00	
Excavation	2b	E - Mobile Concrete Pump - Tier 4 Diese	0.01	0.03	0.00	0.00	
Excavation	2b	E - Tractors/Loaders/Backhoes	0.01	0.05	0.00	0.00	
Excavation	2b	E - Aerial Lifts	0.00	0.00	0.00	0.00	
Excavation	2b	E - Air Compressors	0.00	0.00	0.00	0.00	
Excavation	2b	E - Generator Sets	0.00	0.00	0.00	0.00	
Excavation	2b	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
Excavation	2b	ER- Graders	0.02	0.11	0.00	0.00	
Excavation	2b	ER -Rubber Tired Dozers	0.01	0.05	0.00	0.00	
Excavation	2b	ER -Excavators	0.01	0.04	0.00	0.00	
Excavation	2b	ER -Trenchers	0.01	0.03	0.00	0.00	
Excavation	2b	ER - Off-Highway Trucks	0.02	0.10	0.00	0.00	
Excavation	2b	ER - Skid Steer Loaders	0.01	0.06	0.00	0.00	
Excavation	2b	ER - Pressure Washers	0.00	0.00	0.00	0.00	
Excavation	2b	ER - Plate Compactors	0.04	0.01	0.00	0.00	
Excavation	3	E - Excavators	0.04	0.20	0.01	0.01	
Excavation	3	E - Rubber Tired Dozers	0.05	0.28	0.01	0.01	
Excavation	3	E - Off-Highway Trucks	0.07	0.35	0.01	0.01	
Excavation	3	E - Pressure Washers	0.00	0.00	0.00	0.00	
Excavation	3	E - Pumps	0.01	0.06	0.00	0.00	
Excavation	3	E - Bore/Drill Rigs	0.07	0.40	0.01	0.01	
Excavation	3	E - Ground anchoring	0.02	0.10	0.00	0.00	
Excavation	3	E - Mobile Concrete Pump - Tier 4 Diese	0.01	0.06	0.00	0.00	
Excavation	3	E - Tractors/Loaders/Backhoes	0.02	0.10	0.00	0.00	
Excavation	3	E - Aerial Lifts	0.00	0.00	0.00	0.00	
Excavation	3	E - Air Compressors	0.00	0.00	0.00	0.00	
Excavation	3	E - Generator Sets	0.00	0.00	0.00	0.00	
Excavation	3	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	
Excavation	3	ER- Graders	0.04	0.22	0.01	0.01	
Excavation	3	ER -Rubber Tired Dozers	0.02	0.10	0.00	0.00	
Excavation	3	ER -Excavators	0.01	0.08	0.00	0.00	
Excavation	3	ER -Trenchers	0.01	0.06	0.00	0.00	
Excavation	3	ER - Off-Highway Trucks	0.04	0.22	0.01	0.01	
Excavation	3	ER - Skid Steer Loaders	0.02	0.12	0.00	0.00	
Excavation	3	ER - Pressure Washers	0.00	0.00	0.00	0.00	
Excavation	3	ER - Plate Compactors	0.08	0.02	0.00	0.00	

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GHG - OffRoad Emissions

Block	Phase	Start Date	MT/Phase CO2	CH4	CO2e
A1	Site Preparation	4/1/27	710.74	0.18	715
A1	Building Construction	6/13/2027	389.37	0.06	391
A1	Paving	7/13/2029	229.35	0.06	231
A1	Arc. Coating	9/6/2029	0.00	0.00	0
B1	Site Preparation	10/1/2026	588.91	0.15	593
B1	Building Construction	12/10/2026	353.69	0.05	355
B1	Paving	12/15/2028	118.05	0.03	119
B1	Arc. Coating	2/6/2029	0.00	0.00	0
C1	Site Preparation	9/1/2029	888.90	0.23	895
C1	Building Construction	11/12/2029	388.55	0.06	390
C1	Paving	11/12/2029	152.57	0.04	154
C1	Arc. Coating	2/5/2032	0.00	0.00	0
C2	Site Preparation	4/1/2029	625.12	0.16	629
C2	Building Construction	6/13/2029	404.31	0.06	406
C2	Paving	7/13/2031	127.28	0.03	128
C2	Arc. Coating	9/6/2031	0.00	0.00	0
C3	Site Preparation	1/1/2030	253.97	0.06	256
C3	Building Construction	2/28/2030	169.37	0.02	170
C3	Paving	11/3/2031	48.78	0.01	49
C3	Arc. Coating	12/17/2031	0.00	0.00	0
D1	Site Preparation	1/1/2029	191.80	0.05	193
D1	Building Construction	2/28/2029	119.34	0.02	120
D1	Paving	11/4/2030	48.85	0.01	49
D1	Arc. Coating	12/18/2030	0.00	0.00	0
D4	Site Preparation	4/1/2029	506.87	0.13	510
D4	Building Construction	6/3/2029	169.52	0.03	170
D4	Paving	3/28/2031	58.39	0.01	59
D4	Arc. Coating	5/14/2031	0.00	0.00	0
D5-D6	Site Preparation	10/1/2023	194.82	0.05	196
D5-D6	Building Construction	12/3/2023	128.98	0.02	129
D5-D6	Paving	9/26/2025	53.00	0.01	53
D5-D6	Arc. Coating	11/13/2025	0.00	0.00	0
D7	Site Preparation	7/1/2025	324.36	0.08	326
D7	Building Construction	9/4/2025	154.75	0.02	155
D7	Paving	7/24/2027	55.01	0.01	55
D7	Arc. Coating	9/11/2027	0.00	0.00	0
D8-D13	Site Preparation	6/1/2023	350.32	0.09	353
D8-D13	Building Construction	10/5/2023	611.43	0.14	615
D8-D13	Paving	4/24/2027	105.93	0.03	107
D8-D13	Arc. Coating	7/28/2027	0.00	0.00	0
E1.1	Site Preparation	1/1/2024	409.47	0.10	412

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GHG - OffRoad Emissions

E1.1	Building Construction	2/21/2024	182.71	0.03	183
E1.1	Paving	8/15/2025	47.17	0.01	47
E1.1	Arc. Coating	9/22/2025	0.00	0.00	0
E1.2	Site Preparation	10/1/2023	639.98	0.16	644
E1.2	Building Construction	12/5/2023	331.00	0.05	332
E1.2	Paving	10/24/2025	206.51	0.05	208
E1.2	Arc. Coating	12/12/2025	0.00	0.00	0
F1-F2	Site Preparation	6/1/2024	887.27	0.23	893
F1-F2	Building Construction	8/8/2024	385.84	0.06	387
F1-F2	Paving	7/20/2026	285.06	0.07	287
F1-F2	Arc. Coating	9/9/2026	0.00	0.00	0
F3	Site Preparation	3/1/2025	179.57	0.05	181
F3	Building Construction	4/28/2025	119.34	0.02	120
F3	Paving	1/2/2027	48.85	0.01	49
F3	Arc. Coating	2/15/2027	0.00	0.00	0
F4	Site Preparation	6/1/2024	325.12	0.08	327
F4	Building Construction	8/8/2024	160.16	0.02	161
F4	Paving	7/20/2026	57.02	0.01	57
F4	Arc. Coating	9/9/2026	0.00	0.00	0
F5	Site Preparation	10/1/2022	246.97	0.06	249
F5	Building Construction	12/20/2022	93.76	0.01	94
F5	Paving	4/1/2025	67.19	0.02	68
F5	Arc. Coating	5/31/2025	0.00	0.00	0
F6	Site Preparation	7/1/2024	194.82	0.05	196
F6	Building Construction	9/2/2024	74.68	0.01	75
F6	Paving	6/27/2026	53.00	0.01	53
F6	Arc. Coating	8/14/2026	0.00	0.00	0
G1	Site Preparation	1/1/2025	223.94	0.06	225
G1	Building Construction	3/7/2025	196.51	0.03	197
G1	Paving	1/22/2027	54.87	0.01	55
G1	Arc. Coating	3/12/2027	0.00	0.00	0
H1	Site Preparation	7/1/2024	224.49	0.06	226
H1	Building Construction	9/4/2024	98.48	0.02	99
H1	Paving	7/24/2026	55.01	0.01	55
H1	Arc. Coating	9/11/2026	0.00	0.00	0
H2	Site Preparation	1/1/2029	171.94	0.04	173
H2	Building Construction	2/25/2029	66.30	0.01	67
H2	Paving	10/8/2030	46.78	0.01	47
H2	Arc. Coating	11/19/2030	0.00	0.00	0
H3	Site Preparation	7/1/2025	399.94	0.10	403
H3	Building Construction	9/9/2025	271.21	0.04	272
H3	Paving	9/16/2027	118.18	0.03	119
H3	Arc. Coating	11/8/2027	0.00	0.00	0

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H4	Site Preparation	2/1/2027	267.12	0.07	269
H4	Building Construction	3/29/2027	132.79	0.02	133
H4	Paving	11/8/2028	46.84	0.01	47
H4	Arc. Coating	12/20/2028	0.00	0.00	0
150 SM	Site Preparation	10/1/2024	123.91	0.03	125
150 SM	Building Construction	11/28/2024	144.79	0.03	146
150 SM	Paving	8/4/2026	48.85	0.01	49
150 SM	Arc. Coating	9/17/2026	0.00	0.00	0
40 SM	Site Preparation	1/1/2024	108.46	0.03	109
40 SM	Building Construction	2/21/2024	127.62	0.03	128
40 SM	Paving	8/15/2025	42.76	0.01	43
40 SM	Arc. Coating	9/22/2025	0.00	0.00	0
LTA B1-1	Paving	7/1/2025	0.01	0.00	0
LTA B1-2	Paving	7/8/2025	0.01	0.00	0
LTA B1-3	Paving	7/15/2025	36.44	0.01	37
LTA B1-4	Paving	8/13/2025	6.04	0.00	6
LTA B1-4	Paving	8/24/2025	8.75	0.00	9
Excavation	1	7/1/2021	7,574.51	1.80	7,620
Excavation	2a	7/1/2025	2,282.68	0.56	2,297
Excavation	2b	1/1/2029	1,594.41	0.39	1,604
Excavation	3	1/1/2030	3,331.37	0.81	3,352

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			grams		MT		
Block	**Phase**	**Equipment**	**CO2**	**CH4**	**CO2**	**CH4**	
A1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
A1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
A1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
A1	Site Preparation	Excavator	122,513,755.26	31,111.97	122.51	0.03	Excavator
A1	Site Preparation	Water Trucks	156,550,754.87	38,740.84	156.55	0.04	Water Trucks
A1	Site Preparation	Tractors/Loaders/Backhoes	75,754,616.86	20,154.89	75.75	0.02	Tractors/Loaders/Backhoes
A1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
A1	Site Preparation	Off-Highway Trucks	234,826,132.31	58,111.27	234.83	0.06	Off-Highway Trucks
A1	Site Preparation	Pressure Washer	648,505.47	414.70	0.65	0.00	Pressure Washer
A1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
A1	Site Preparation	Rollers	10,365,534.11	2,767.70	10.37	0.00	Rollers
A1	Site Preparation	Skid-Steer Loaders	8,400,945.36	2,199.87	8.40	0.00	Skid-Steer Loaders
A1	Site Preparation	Pumps	6,606,273.69	4,224.54	6.61	0.00	Pumps
A1	Site Preparation	Plate Compactors	3,990,802.88	2,552.01	3.99	0.00	Plate Compactors
A1	Site Preparation	Pile Drivers	91,083,241.03	22,671.11	91.08	0.02	Pile Drivers
A1	Building Construction	Cranes	140,198,824.68	35,366.57	140.20	0.04	Cranes
A1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
A1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
A1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
A1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
A1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
A1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
A1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
A1	Building Construction	Concrete Pumps	249,171,458.23	25,888.55	249.17	0.03	Concrete Pumps
A1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
A1	Paving	Pavers	47,273,343.23	12,090.94	47.27	0.01	Pavers
A1	Paving	Rollers	29,153,064.68	7,784.15	29.15	0.01	Rollers
A1	Paving	Off-Highway Trucks	117,413,066.15	29,055.63	117.41	0.03	Off-Highway Trucks
A1	Paving	Tractors/Loaders/Backhoes	35,509,976.65	9,447.60	35.51	0.01	Tractors/Loaders/Backhoes
A1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
A1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
B1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
B1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
B1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
B1	Site Preparation	Excavator	59,112,216.71	15,011.36	59.11	0.02	Excavator
B1	Site Preparation	Water Trucks	151,069,765.64	37,384.49	151.07	0.04	Water Trucks
B1	Site Preparation	Tractors/Loaders/Backhoes	36,551,188.22	9,724.62	36.55	0.01	Tractors/Loaders/Backhoes
B1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
B1	Site Preparation	Off-Highway Trucks	226,604,648.46	56,076.74	226.60	0.06	Off-Highway Trucks
B1	Site Preparation	Pressure Washer	625,800.68	400.18	0.63	0.00	Pressure Washer
B1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers

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B1	Site Preparation	Rollers	10,002,627.00	2,670.80	10.00	0.00	Rollers
B1	Site Preparation	Skid-Steer Loaders	8,106,820.36	2,122.85	8.11	0.00	Skid-Steer Loaders
B1	Site Preparation	Pumps	6,374,981.83	4,076.63	6.37	0.00	Pumps
B1	Site Preparation	Plate Compactors	2,567,387.41	1,641.78	2.57	0.00	Plate Compactors
B1	Site Preparation	Pile Drivers	87,894,331.06	21,877.38	87.89	0.02	Pile Drivers
B1	Building Construction	Cranes	112,903,152.30	28,480.96	112.90	0.03	Cranes
B1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
B1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
B1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
B1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
B1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
B1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
B1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
B1	Building Construction	Concrete Pumps	240,791,545.81	25,017.89	240.79	0.03	Concrete Pumps
B1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
B1	Paving	Pavers	12,164,869.07	3,111.37	12.16	0.00	Pavers
B1	Paving	Rollers	7,501,970.25	2,003.10	7.50	0.00	Rollers
B1	Paving	Off-Highway Trucks	75,534,882.82	18,692.25	75.53	0.02	Off-Highway Trucks
B1	Paving	Tractors/Loaders/Backhoes	22,844,492.64	6,077.89	22.84	0.01	Tractors/Loaders/Backhoes
B1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
B1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
C1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
C1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
C1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
C1	Site Preparation	Excavator	122,245,672.64	31,043.89	122.25	0.03	Excavator
C1	Site Preparation	Water Trucks	234,312,289.57	57,984.11	234.31	0.06	Water Trucks
C1	Site Preparation	Tractors/Loaders/Backhoes	94,486,064.79	25,138.48	94.49	0.03	Tractors/Loaders/Backhoes
C1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
C1	Site Preparation	Off-Highway Trucks	312,416,386.09	77,312.15	312.42	0.08	Off-Highway Trucks
C1	Site Preparation	Pressure Washer	862,781.89	551.73	0.86	0.00	Pressure Washer
C1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
C1	Site Preparation	Rollers	10,342,852.41	2,761.64	10.34	0.00	Rollers
C1	Site Preparation	Skid-Steer Loaders	8,382,562.55	2,195.05	8.38	0.00	Skid-Steer Loaders
C1	Site Preparation	Pumps	10,986,363.25	7,025.49	10.99	0.01	Pumps
C1	Site Preparation	Plate Compactors	3,982,070.27	2,546.43	3.98	0.00	Plate Compactors
C1	Site Preparation	Pile Drivers	90,883,934.16	22,621.50	90.88	0.02	Pile Drivers
C1	Building Construction	Cranes	139,904,134.56	35,292.23	139.90	0.04	Cranes
C1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
C1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
C1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
C1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
C1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
C1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators

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C1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
C1	Building Construction	Concrete Pumps	248,647,713.70	25,834.13	248.65	0.03	Concrete Pumps
C1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
C1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
C1	Paving	Off-Highway Trucks	78,104,096.52	19,328.04	78.10	0.02	Off-Highway Trucks
C1	Paving	Pavers	31,446,600.31	8,042.99	31.45	0.01	Pavers
C1	Paving	Rollers	19,392,848.27	5,178.08	19.39	0.01	Rollers
C1	Paving	Tractors/Loaders/Backhoes	23,621,516.20	6,284.62	23.62	0.01	Tractors/Loaders/Backhoes
C1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
C2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
C2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
C2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
C2	Site Preparation	Excavator	76,487,321.22	19,423.71	76.49	0.02	Excavator
C2	Site Preparation	Water Trucks	156,379,473.96	38,698.46	156.38	0.04	Water Trucks
C2	Site Preparation	Tractors/Loaders/Backhoes	37,835,867.17	10,066.42	37.84	0.01	Tractors/Loaders/Backhoes
C2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
C2	Site Preparation	Off-Highway Trucks	234,569,210.94	58,047.69	234.57	0.06	Off-Highway Trucks
C2	Site Preparation	Pressure Washer	863,727.92	552.33	0.86	0.00	Pressure Washer
C2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
C2	Site Preparation	Rollers	10,354,193.26	2,764.67	10.35	0.00	Rollers
C2	Site Preparation	Skid-Steer Loaders	8,391,753.95	2,197.46	8.39	0.00	Skid-Steer Loaders
C2	Site Preparation	Pumps	6,599,045.82	4,219.91	6.60	0.00	Pumps
C2	Site Preparation	Plate Compactors	2,657,624.38	1,699.48	2.66	0.00	Plate Compactors
C2	Site Preparation	Pile Drivers	90,983,587.60	22,646.31	90.98	0.02	Pile Drivers
C2	Building Construction	Cranes	145,576,919.37	36,723.25	145.58	0.04	Cranes
C2	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
C2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
C2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
C2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
C2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
C2	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
C2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
C2	Building Construction	Concrete Pumps	258,729,795.83	26,881.65	258.73	0.03	Concrete Pumps
C2	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
C2	Paving	Pavers	13,116,542.50	3,354.77	13.12	0.00	Pavers
C2	Paving	Rollers	8,088,859.08	2,159.80	8.09	0.00	Rollers
C2	Paving	Off-Highway Trucks	81,444,074.33	20,154.56	81.44	0.02	Off-Highway Trucks
C2	Paving	Tractors/Loaders/Backhoes	24,631,646.82	6,553.37	24.63	0.01	Tractors/Loaders/Backhoes
C2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
C2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
C3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
C3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
C3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers

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C3	Site Preparation	Excavator	24,429,028.33	6,203.67	24.43	0.01	Excavator
C3	Site Preparation	Water Trucks	62,431,892.94	15,449.71	62.43	0.02	Water Trucks
C3	Site Preparation	Tractors/Loaders/Backhoes	7,552,668.99	2,009.42	7.55	0.00	Tractors/Loaders/Backhoes
C3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
C3	Site Preparation	Off-Highway Trucks	124,863,785.89	30,899.43	124.86	0.03	Off-Highway Trucks
C3	Site Preparation	Pressure Washer	172,414.47	110.25	0.17	0.00	Pressure Washer
C3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
C3	Site Preparation	Rollers	4,133,738.71	1,103.75	4.13	0.00	Rollers
C3	Site Preparation	Skid-Steer Loaders	3,350,267.60	877.30	3.35	0.00	Skid-Steer Loaders
C3	Site Preparation	Pumps	1,756,372.55	1,123.15	1.76	0.00	Pumps
C3	Site Preparation	Plate Compactors	1,061,012.14	678.49	1.06	0.00	Plate Compactors
C3	Site Preparation	Pile Drivers	24,215,785.09	6,027.44	24.22	0.01	Pile Drivers
C3	Building Construction	Cranes	18,823,331.43	4,748.38	18.82	0.00	Cranes
C3	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
C3	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
C3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
C3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
C3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
C3	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
C3	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
C3	Building Construction	Concrete Pumps	150,543,817.18	15,641.28	150.54	0.02	Concrete Pumps
C3	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
C3	Paving	Pavers	5,027,318.34	1,285.82	5.03	0.00	Pavers
C3	Paving	Rollers	3,100,304.03	827.81	3.10	0.00	Rollers
C3	Paving	Off-Highway Trucks	31,215,946.47	7,724.86	31.22	0.01	Off-Highway Trucks
C3	Paving	Tractors/Loaders/Backhoes	9,440,836.24	2,511.78	9.44	0.00	Tractors/Loaders/Backhoes
C3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
C3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D1	Site Preparation	Excavator	24,462,538.66	6,212.18	24.46	0.01	Excavator
D1	Site Preparation	Water Trucks	62,517,533.40	15,470.91	62.52	0.02	Water Trucks
D1	Site Preparation	Tractors/Loaders/Backhoes	7,563,029.31	2,012.18	7.56	0.00	Tractors/Loaders/Backhoes
D1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D1	Site Preparation	Off-Highway Trucks	62,517,533.40	15,470.91	62.52	0.02	Off-Highway Trucks
D1	Site Preparation	Pressure Washer	172,650.98	110.41	0.17	0.00	Pressure Washer
D1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D1	Site Preparation	Rollers	4,139,409.13	1,105.26	4.14	0.00	Rollers
D1	Site Preparation	Skid-Steer Loaders	3,354,863.30	878.50	3.35	0.00	Skid-Steer Loaders
D1	Site Preparation	Pumps	1,758,781.84	1,124.69	1.76	0.00	Pumps
D1	Site Preparation	Plate Compactors	1,062,467.58	679.42	1.06	0.00	Plate Compactors
D1	Site Preparation	Pile Drivers	24,249,002.90	6,035.71	24.25	0.01	Pile Drivers

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D1	Building Construction	Cranes	18,847,888.94	4,754.57	18.85	0.00	Cranes
D1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
D1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
D1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
D1	Building Construction	Concrete Pumps	100,493,480.92	10,441.13	100.49	0.01	Concrete Pumps
D1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D1	Paving	Pavers	5,034,214.52	1,287.58	5.03	0.00	Pavers
D1	Paving	Rollers	3,104,556.85	828.95	3.10	0.00	Rollers
D1	Paving	Off-Highway Trucks	31,258,766.70	7,735.45	31.26	0.01	Off-Highway Trucks
D1	Paving	Tractors/Loaders/Backhoes	9,453,786.64	2,515.23	9.45	0.00	Tractors/Loaders/Backhoes
D1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D4	Site Preparation	Excavator	53,013,337.21	13,462.57	53.01	0.01	Excavator
D4	Site Preparation	Water Trucks	135,483,202.52	33,527.36	135.48	0.03	Water Trucks
D4	Site Preparation	Tractors/Loaders/Backhoes	24,585,025.41	6,540.97	24.59	0.01	Tractors/Loaders/Backhoes
D4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D4	Site Preparation	Off-Highway Trucks	203,224,803.78	50,291.04	203.22	0.05	Off-Highway Trucks
D4	Site Preparation	Pressure Washer	561,233.94	358.89	0.56	0.00	Pressure Washer
D4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D4	Site Preparation	Rollers	4,485,304.97	1,197.62	4.49	0.00	Rollers
D4	Site Preparation	Skid-Steer Loaders	3,635,201.19	951.91	3.64	0.00	Skid-Steer Loaders
D4	Site Preparation	Pumps	1,905,748.54	1,218.68	1.91	0.00	Pumps
D4	Site Preparation	Plate Compactors	1,151,249.12	736.19	1.15	0.00	Plate Compactors
D4	Site Preparation	Pile Drivers	78,825,868.33	19,620.19	78.83	0.02	Pile Drivers
D4	Building Construction	Cranes	61,037,691.14	15,397.37	61.04	0.02	Cranes
D4	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
D4	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
D4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D4	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D4	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
D4	Building Construction	Concrete Pumps	108,480,584.94	11,270.97	108.48	0.01	Concrete Pumps
D4	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D4	Paving	Pavers	10,909,763.53	2,790.35	10.91	0.00	Pavers
D4	Paving	Rollers	3,363,978.72	898.21	3.36	0.00	Rollers

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D4	Paving	Off-Highway Trucks	33,870,800.63	8,381.84	33.87	0.01	Off-Highway Trucks
D4	Paving	Tractors/Loaders/Backhoes	10,243,760.59	2,725.40	10.24	0.00	Tractors/Loaders/Backhoes
D4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D5-D6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D5-D6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D5-D6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D5-D6	Site Preparation	Excavator	13,270,089.46	3,369.90	13.27	0.00	Excavator
D5-D6	Site Preparation	Water Trucks	67,827,241.72	16,784.87	67.83	0.02	Water Trucks
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	8,205,368.78	2,183.08	8.21	0.00	Tractors/Loaders/Backhoes
D5-D6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D5-D6	Site Preparation	Off-Highway Trucks	67,827,241.72	16,784.87	67.83	0.02	Off-Highway Trucks
D5-D6	Site Preparation	Pressure Washer	187,314.49	119.78	0.19	0.00	Pressure Washer
D5-D6	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D5-D6	Site Preparation	Rollers	4,490,975.39	1,199.13	4.49	0.00	Rollers
D5-D6	Site Preparation	Skid-Steer Loaders	3,639,796.90	953.12	3.64	0.00	Skid-Steer Loaders
D5-D6	Site Preparation	Pumps	1,908,157.83	1,220.22	1.91	0.00	Pumps
D5-D6	Site Preparation	Plate Compactors	1,152,704.55	737.12	1.15	0.00	Plate Compactors
D5-D6	Site Preparation	Pile Drivers	26,308,507.26	6,548.33	26.31	0.01	Pile Drivers
D5-D6	Building Construction	Cranes	20,370,454.56	5,138.65	20.37	0.01	Cranes
D5-D6	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
D5-D6	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
D5-D6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D5-D6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D5-D6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D5-D6	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D5-D6	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
D5-D6	Building Construction	Concrete Pumps	108,611,521.07	11,284.58	108.61	0.01	Concrete Pumps
D5-D6	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D5-D6	Paving	Pavers	5,461,777.95	1,396.94	5.46	0.00	Pavers
D5-D6	Paving	Rollers	3,368,231.54	899.35	3.37	0.00	Rollers
D5-D6	Paving	Off-Highway Trucks	33,913,620.86	8,392.44	33.91	0.01	Off-Highway Trucks
D5-D6	Paving	Tractors/Loaders/Backhoes	10,256,710.98	2,728.85	10.26	0.00	Tractors/Loaders/Backhoes
D5-D6	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D5-D6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D7	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D7	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D7	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D7	Site Preparation	Excavator	27,545,488.74	6,995.09	27.55	0.01	Excavator
D7	Site Preparation	Water Trucks	70,396,455.42	17,420.66	70.40	0.02	Water Trucks
D7	Site Preparation	Tractors/Loaders/Backhoes	17,032,356.42	4,531.54	17.03	0.00	Tractors/Loaders/Backhoes
D7	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D7	Site Preparation	Off-Highway Trucks	140,792,910.84	34,841.33	140.79	0.03	Off-Highway Trucks

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D7	Site Preparation	Pressure Washer	388,819.47	248.64	0.39	0.00	Pressure Washer
D7	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D7	Site Preparation	Rollers	4,661,088.09	1,244.55	4.66	0.00	Rollers
D7	Site Preparation	Skid-Steer Loaders	3,777,667.99	989.22	3.78	0.00	Skid-Steer Loaders
D7	Site Preparation	Pumps	3,960,873.07	2,532.87	3.96	0.00	Pumps
D7	Site Preparation	Plate Compactors	1,196,367.60	765.05	1.20	0.00	Plate Compactors
D7	Site Preparation	Pile Drivers	54,610,083.25	13,592.75	54.61	0.01	Pile Drivers
D7	Building Construction	Cranes	42,214,359.72	10,649.00	42.21	0.01	Cranes
D7	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
D7	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
D7	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D7	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D7	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D7	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D7	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
D7	Building Construction	Concrete Pumps	112,539,605.02	11,692.70	112.54	0.01	Concrete Pumps
D7	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D7	Paving	Pavers	5,668,663.48	1,449.85	5.67	0.00	Pavers
D7	Paving	Rollers	3,495,816.07	933.42	3.50	0.00	Rollers
D7	Paving	Off-Highway Trucks	35,198,227.71	8,710.33	35.20	0.01	Off-Highway Trucks
D7	Paving	Tractors/Loaders/Backhoes	10,645,222.76	2,832.21	10.65	0.00	Tractors/Loaders/Backhoes
D7	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D7	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
D8-D13	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
D8-D13	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
D8-D13	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
D8-D13	Site Preparation	Excavator (Small 150 HP)	151,082,793.60	38,366.99	151.08	0.04	Excavator (Small 150 HP)
D8-D13	Site Preparation	Water Trucks	135,568,842.98	33,548.55	135.57	0.03	Water Trucks
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	16,400,377.25	4,363.40	16.40	0.00	Tractors/Loaders/Backhoes
D8-D13	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
D8-D13	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
D8-D13	Site Preparation	Pressure Washer	374,392.47	239.41	0.37	0.00	Pressure Washer
D8-D13	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
D8-D13	Site Preparation	Trench Roller (25 HP)	18,159,468.36	4,973.50	18.16	0.00	Trench Roller (25 HP)
D8-D13	Site Preparation	Skid-Steer Loaders	21,824,994.26	5,715.08	21.82	0.01	Skid-Steer Loaders
D8-D13	Site Preparation	Pumps	0.00	0.00	0.00	0.00	Pumps
D8-D13	Site Preparation	Plate Compactors	6,911,861.00	4,419.95	6.91	0.00	Plate Compactors
D8-D13	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	Pile Drivers
D8-D13	Building Construction	Cranes (220 HP mobile crane)	505,338,983.88	127,476.86	505.34	0.13	Cranes (220 HP mobile crane)
D8-D13	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
D8-D13	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
D8-D13	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
D8-D13	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks

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D8-D13	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
D8-D13	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
D8-D13	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
D8-D13	Building Construction	Concrete Pumps	106,091,000.54	11,022.70	106.09	0.01	Concrete Pumps
D8-D13	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
D8-D13	Paving	Pavers	10,916,659.71	2,792.12	10.92	0.00	Pavers
D8-D13	Paving	Rollers	6,732,210.27	1,797.56	6.73	0.00	Rollers
D8-D13	Paving	Off-Highway Trucks	67,784,421.49	16,774.28	67.78	0.02	Off-Highway Trucks
D8-D13	Paving	Tractors/Loaders/Backhoes	20,500,471.57	5,454.25	20.50	0.01	Tractors/Loaders/Backhoes
D8-D13	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
D8-D13	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
E1.1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
E1.1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
E1.1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
E1.1	Site Preparation	Excavator	42,826,197.82	10,875.57	42.83	0.01	Excavator
E1.1	Site Preparation	Water Trucks	109,448,503.68	27,084.68	109.45	0.03	Water Trucks
E1.1	Site Preparation	Tractors/Loaders/Backhoes	19,860,722.17	5,284.04	19.86	0.01	Tractors/Loaders/Backhoes
E1.1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
E1.1	Site Preparation	Off-Highway Trucks	164,172,755.52	40,627.02	164.17	0.04	Off-Highway Trucks
E1.1	Site Preparation	Pressure Washer	453,386.21	289.93	0.45	0.00	Pressure Washer
E1.1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
E1.1	Site Preparation	Rollers	3,623,400.60	967.48	3.62	0.00	Rollers
E1.1	Site Preparation	Skid-Steer Loaders	2,936,654.31	768.99	2.94	0.00	Skid-Steer Loaders
E1.1	Site Preparation	Pumps	1,539,536.43	984.49	1.54	0.00	Pumps
E1.1	Site Preparation	Plate Compactors	930,022.99	594.72	0.93	0.00	Plate Compactors
E1.1	Site Preparation	Pile Drivers	63,678,545.97	15,849.94	63.68	0.02	Pile Drivers
E1.1	Building Construction	Cranes	49,839,466.58	12,572.51	49.84	0.01	Cranes
E1.1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
E1.1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
E1.1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
E1.1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
E1.1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
E1.1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
E1.1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
E1.1	Building Construction	Concrete Pumps	132,867,439.43	13,804.73	132.87	0.01	Concrete Pumps
E1.1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
E1.1	Paving	Pavers	8,813,323.51	2,254.15	8.81	0.00	Pavers
E1.1	Paving	Rollers	2,717,550.45	725.61	2.72	0.00	Rollers
E1.1	Paving	Off-Highway Trucks	27,362,125.92	6,771.17	27.36	0.01	Off-Highway Trucks
E1.1	Paving	Tractors/Loaders/Backhoes	8,275,300.90	2,201.68	8.28	0.00	Tractors/Loaders/Backhoes
E1.1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
E1.1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
E1.2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws

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E1.2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
E1.2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
E1.2	Site Preparation	Excavator	110,315,996.26	28,014.39	110.32	0.03	Excavator
E1.2	Site Preparation	Water Trucks	140,964,191.75	34,883.71	140.96	0.03	Water Trucks
E1.2	Site Preparation	Tractors/Loaders/Backhoes	68,212,308.18	18,148.22	68.21	0.02	Tractors/Loaders/Backhoes
E1.2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
E1.2	Site Preparation	Off-Highway Trucks	211,446,287.63	52,325.57	211.45	0.05	Off-Highway Trucks
E1.2	Site Preparation	Pressure Washer	583,938.73	373.41	0.58	0.00	Pressure Washer
E1.2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
E1.2	Site Preparation	Rollers	9,333,517.04	2,492.14	9.33	0.00	Rollers
E1.2	Site Preparation	Skid-Steer Loaders	7,564,527.39	1,980.84	7.56	0.00	Skid-Steer Loaders
E1.2	Site Preparation	Pumps	5,948,537.47	3,803.93	5.95	0.00	Pumps
E1.2	Site Preparation	Plate Compactors	3,593,469.11	2,297.93	3.59	0.00	Plate Compactors
E1.2	Site Preparation	Pile Drivers	82,014,778.31	20,413.92	82.01	0.02	Pile Drivers
E1.2	Building Construction	Cranes	105,658,686.84	26,653.47	105.66	0.03	Cranes
E1.2	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
E1.2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
E1.2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
E1.2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
E1.2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
E1.2	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
E1.2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
E1.2	Building Construction	Concrete Pumps	225,341,082.30	23,412.61	225.34	0.02	Concrete Pumps
E1.2	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
E1.2	Paving	Pavers	42,566,697.46	10,887.14	42.57	0.01	Pavers
E1.2	Paving	Rollers	26,250,516.66	7,009.14	26.25	0.01	Rollers
E1.2	Paving	Off-Highway Trucks	105,723,143.81	26,162.79	105.72	0.03	Off-Highway Trucks
E1.2	Paving	Tractors/Loaders/Backhoes	31,974,519.46	8,506.98	31.97	0.01	Tractors/Loaders/Backhoes
E1.2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
E1.2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F1-F2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F1-F2	Site Preparation	Excavator	142,753,992.73	36,251.91	142.75	0.04	Excavator
F1-F2	Site Preparation	Off-Highway Trucks	291,862,676.48	72,225.82	291.86	0.07	Off-Highway Trucks
F1-F2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F1-F2	Site Preparation	Pile Drivers	113,206,303.95	28,177.66	113.21	0.03	Pile Drivers
F1-F2	Site Preparation	Plate Compactors	3,720,091.96	2,378.90	3.72	0.00	Plate Compactors
F1-F2	Site Preparation	Pressure Washer	806,019.92	515.43	0.81	0.00	Pressure Washer
F1-F2	Site Preparation	Pumps	10,263,576.19	6,563.28	10.26	0.01	Pumps
F1-F2	Site Preparation	Rollers	9,662,401.60	2,579.95	9.66	0.00	Rollers
F1-F2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F1-F2	Site Preparation	Skid-Steer Loaders	7,831,078.17	2,050.64	7.83	0.00	Skid-Steer Loaders
F1-F2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F1-F2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers

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F1-F2	Site Preparation	Tractors/Loaders/Backhoes	88,269,876.32	23,484.63	88.27	0.02	Tractors/Loaders/Backhoes
F1-F2	Site Preparation	Water Trucks	218,897,007.36	54,169.37	218.90	0.05	Water Trucks
F1-F2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F1-F2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
F1-F2	Building Construction	Concrete Pumps	232,935,377.92	24,201.65	232.94	0.02	Concrete Pumps
F1-F2	Building Construction	Cranes	152,907,336.11	38,572.42	152.91	0.04	Cranes
F1-F2	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F1-F2	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
F1-F2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
F1-F2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F1-F2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F1-F2	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
F1-F2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F1-F2	Paving	Off-Highway Trucks	145,931,338.24	36,112.91	145.93	0.04	Off-Highway Trucks
F1-F2	Paving	Pavers	58,755,490.06	15,027.69	58.76	0.02	Pavers
F1-F2	Paving	Rollers	36,234,005.99	9,674.83	36.23	0.01	Rollers
F1-F2	Paving	Tractors/Loaders/Backhoes	44,134,938.16	11,742.32	44.13	0.01	Tractors/Loaders/Backhoes
F1-F2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F3	Site Preparation	Excavator	12,231,269.33	3,106.09	12.23	0.00	Excavator
F3	Site Preparation	Off-Highway Trucks	62,517,533.40	15,470.91	62.52	0.02	Off-Highway Trucks
F3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F3	Site Preparation	Pile Drivers	24,249,002.90	6,035.71	24.25	0.01	Pile Drivers
F3	Site Preparation	Plate Compactors	1,062,467.58	679.42	1.06	0.00	Plate Compactors
F3	Site Preparation	Pressure Washer	172,650.98	110.41	0.17	0.00	Pressure Washer
F3	Site Preparation	Pumps	1,758,781.84	1,124.69	1.76	0.00	Pumps
F3	Site Preparation	Rollers	4,139,409.13	1,105.26	4.14	0.00	Rollers
F3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F3	Site Preparation	Skid-Steer Loaders	3,354,863.30	878.50	3.35	0.00	Skid-Steer Loaders
F3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
F3	Site Preparation	Tractors/Loaders/Backhoes	7,563,029.31	2,012.18	7.56	0.00	Tractors/Loaders/Backhoes
F3	Site Preparation	Water Trucks	62,517,533.40	15,470.91	62.52	0.02	Water Trucks
F3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F3	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
F3	Building Construction	Concrete Pumps	100,493,480.92	10,441.13	100.49	0.01	Concrete Pumps
F3	Building Construction	Cranes	18,847,888.94	4,754.57	18.85	0.00	Cranes
F3	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F3	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
F3	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
F3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F3	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders

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F3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F3	Paving	Off-Highway Trucks	31,258,766.70	7,735.45	31.26	0.01	Off-Highway Trucks
F3	Paving	Pavers	5,034,214.52	1,287.58	5.03	0.00	Pavers
F3	Paving	Rollers	3,104,556.85	828.95	3.10	0.00	Rollers
F3	Paving	Tractors/Loaders/Backhoes	9,453,786.64	2,515.23	9.45	0.00	Tractors/Loaders/Backhoes
F3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F4	Site Preparation	Excavator	28,550,798.55	7,250.38	28.55	0.01	Excavator
F4	Site Preparation	Off-Highway Trucks	145,931,338.24	36,112.91	145.93	0.04	Off-Highway Trucks
F4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F4	Site Preparation	Pile Drivers	56,603,151.98	14,088.83	56.60	0.01	Pile Drivers
F4	Site Preparation	Plate Compactors	1,240,030.65	792.97	1.24	0.00	Plate Compactors
F4	Site Preparation	Pressure Washer	201,504.98	128.86	0.20	0.00	Pressure Washer
F4	Site Preparation	Pumps	2,052,715.24	1,312.66	2.05	0.00	Pumps
F4	Site Preparation	Rollers	4,831,200.80	1,289.98	4.83	0.00	Rollers
F4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F4	Site Preparation	Skid-Steer Loaders	3,915,539.08	1,025.32	3.92	0.00	Skid-Steer Loaders
F4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
F4	Site Preparation	Tractors/Loaders/Backhoes	8,826,987.63	2,348.46	8.83	0.00	Tractors/Loaders/Backhoes
F4	Site Preparation	Water Trucks	72,965,669.12	18,056.46	72.97	0.02	Water Trucks
F4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F4	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
F4	Building Construction	Concrete Pumps	116,467,688.96	12,100.82	116.47	0.01	Concrete Pumps
F4	Building Construction	Cranes	43,687,810.32	11,020.69	43.69	0.01	Cranes
F4	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F4	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
F4	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
F4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F4	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
F4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F4	Paving	Off-Highway Trucks	36,482,834.56	9,028.23	36.48	0.01	Off-Highway Trucks
F4	Paving	Pavers	5,875,549.01	1,502.77	5.88	0.00	Pavers
F4	Paving	Rollers	3,623,400.60	967.48	3.62	0.00	Rollers
F4	Paving	Tractors/Loaders/Backhoes	11,033,734.54	2,935.58	11.03	0.00	Tractors/Loaders/Backhoes
F4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F5	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F5	Site Preparation	Excavator	16,822,184.12	4,271.94	16.82	0.00	Excavator
F5	Site Preparation	Off-Highway Trucks	85,983,018.54	21,277.79	85.98	0.02	Off-Highway Trucks
F5	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F5	Site Preparation	Pile Drivers	33,350,683.44	8,301.17	33.35	0.01	Pile Drivers
F5	Site Preparation	Plate Compactors	1,461,256.78	934.43	1.46	0.00	Plate Compactors

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F5	Site Preparation	Pressure Washer	237,454.23	151.85	0.24	0.00	Pressure Washer
F5	Site Preparation	Pumps	2,418,927.35	1,546.84	2.42	0.00	Pumps
F5	Site Preparation	Rollers	5,693,105.17	1,520.11	5.69	0.00	Rollers
F5	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F5	Site Preparation	Skid-Steer Loaders	4,614,085.96	1,208.24	4.61	0.00	Skid-Steer Loaders
F5	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F5	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
F5	Site Preparation	Tractors/Loaders/Backhoes	10,401,755.38	2,767.44	10.40	0.00	Tractors/Loaders/Backhoes
F5	Site Preparation	Water Trucks	85,983,018.54	21,277.79	85.98	0.02	Water Trucks
F5	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F5	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
F5	Building Construction	Concrete Pumps	68,184,990.47	7,084.32	68.18	0.01	Concrete Pumps
F5	Building Construction	Cranes	25,576,646.68	6,451.97	25.58	0.01	Cranes
F5	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F5	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
F5	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
F5	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F5	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F5	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
F5	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F5	Paving	Off-Highway Trucks	42,991,509.27	10,638.90	42.99	0.01	Off-Highway Trucks
F5	Paving	Pavers	6,923,769.02	1,770.87	6.92	0.00	Pavers
F5	Paving	Rollers	4,269,828.87	1,140.09	4.27	0.00	Rollers
F5	Paving	Tractors/Loaders/Backhoes	13,002,194.22	3,459.30	13.00	0.00	Tractors/Loaders/Backhoes
F5	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
F6	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
F6	Site Preparation	Excavator	13,270,089.46	3,369.90	13.27	0.00	Excavator
F6	Site Preparation	Off-Highway Trucks	67,827,241.72	16,784.87	67.83	0.02	Off-Highway Trucks
F6	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
F6	Site Preparation	Pile Drivers	26,308,507.26	6,548.33	26.31	0.01	Pile Drivers
F6	Site Preparation	Plate Compactors	1,152,704.55	737.12	1.15	0.00	Plate Compactors
F6	Site Preparation	Pressure Washer	187,314.49	119.78	0.19	0.00	Pressure Washer
F6	Site Preparation	Pumps	1,908,157.83	1,220.22	1.91	0.00	Pumps
F6	Site Preparation	Rollers	4,490,975.39	1,199.13	4.49	0.00	Rollers
F6	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
F6	Site Preparation	Skid-Steer Loaders	3,639,796.90	953.12	3.64	0.00	Skid-Steer Loaders
F6	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
F6	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
F6	Site Preparation	Tractors/Loaders/Backhoes	8,205,368.78	2,183.08	8.21	0.00	Tractors/Loaders/Backhoes
F6	Site Preparation	Water Trucks	67,827,241.72	16,784.87	67.83	0.02	Water Trucks
F6	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
F6	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
F6	Building Construction	Concrete Pumps	54,305,760.54	5,642.29	54.31	0.01	Concrete Pumps

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F6	Building Construction	Cranes	20,370,454.56	5,138.65	20.37	0.01	Cranes
F6	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
F6	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
F6	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
F6	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
F6	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
F6	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
F6	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
F6	Paving	Off-Highway Trucks	33,913,620.86	8,392.44	33.91	0.01	Off-Highway Trucks
F6	Paving	Pavers	5,461,777.95	1,396.94	5.46	0.00	Pavers
F6	Paving	Rollers	3,368,231.54	899.35	3.37	0.00	Rollers
F6	Paving	Tractors/Loaders/Backhoes	10,256,710.98	2,728.85	10.26	0.00	Tractors/Loaders/Backhoes
F6	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
G1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
G1	Site Preparation	Excavator	27,478,468.08	6,978.07	27.48	0.01	Excavator
G1	Site Preparation	Off-Highway Trucks	70,225,174.51	17,378.28	70.23	0.02	Off-Highway Trucks
G1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
G1	Site Preparation	Pile Drivers	27,238,606.00	6,779.84	27.24	0.01	Pile Drivers
G1	Site Preparation	Plate Compactors	1,193,456.73	763.18	1.19	0.00	Plate Compactors
G1	Site Preparation	Pressure Washer	193,936.72	124.02	0.19	0.00	Pressure Washer
G1	Site Preparation	Pumps	1,975,617.95	1,263.36	1.98	0.00	Pumps
G1	Site Preparation	Rollers	4,649,747.25	1,241.53	4.65	0.00	Rollers
G1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
G1	Site Preparation	Skid-Steer Loaders	3,768,476.58	986.81	3.77	0.00	Skid-Steer Loaders
G1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
G1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
G1	Site Preparation	Tractors/Loaders/Backhoes	16,990,915.16	4,520.52	16.99	0.00	Tractors/Loaders/Backhoes
G1	Site Preparation	Water Trucks	70,225,174.51	17,378.28	70.23	0.02	Water Trucks
G1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
G1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
G1	Building Construction	Concrete Pumps	112,277,732.75	11,665.49	112.28	0.01	Concrete Pumps
G1	Building Construction	Cranes	84,232,259.35	21,248.44	84.23	0.02	Cranes
G1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
G1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
G1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
G1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
G1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
G1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
G1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
G1	Paving	Off-Highway Trucks	35,112,587.25	8,689.14	35.11	0.01	Off-Highway Trucks
G1	Paving	Pavers	5,654,871.11	1,446.33	5.65	0.00	Pavers
G1	Paving	Rollers	3,487,310.44	931.15	3.49	0.00	Rollers
G1	Paving	Tractors/Loaders/Backhoes	10,619,321.97	2,825.32	10.62	0.00	Tractors/Loaders/Backhoes

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G1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
H1	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
H1	Site Preparation	Excavator	27,545,488.74	6,995.09	27.55	0.01	Excavator
H1	Site Preparation	Off-Highway Trucks	70,396,455.42	17,420.66	70.40	0.02	Off-Highway Trucks
H1	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
H1	Site Preparation	Pile Drivers	27,305,041.62	6,796.37	27.31	0.01	Pile Drivers
H1	Site Preparation	Plate Compactors	1,196,367.60	765.05	1.20	0.00	Plate Compactors
H1	Site Preparation	Pressure Washer	194,409.74	124.32	0.19	0.00	Pressure Washer
H1	Site Preparation	Pumps	1,980,436.53	1,266.44	1.98	0.00	Pumps
H1	Site Preparation	Rollers	4,661,088.09	1,244.55	4.66	0.00	Rollers
H1	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
H1	Site Preparation	Skid-Steer Loaders	3,777,667.99	989.22	3.78	0.00	Skid-Steer Loaders
H1	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
H1	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
H1	Site Preparation	Tractors/Loaders/Backhoes	17,032,356.42	4,531.54	17.03	0.00	Tractors/Loaders/Backhoes
H1	Site Preparation	Water Trucks	70,396,455.42	17,420.66	70.40	0.02	Water Trucks
H1	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
H1	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
H1	Building Construction	Concrete Pumps	56,269,802.51	5,846.35	56.27	0.01	Concrete Pumps
H1	Building Construction	Cranes	42,214,359.72	10,649.00	42.21	0.01	Cranes
H1	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
H1	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
H1	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
H1	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
H1	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
H1	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
H1	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
H1	Paving	Off-Highway Trucks	35,198,227.71	8,710.33	35.20	0.01	Off-Highway Trucks
H1	Paving	Pavers	5,668,663.48	1,449.85	5.67	0.00	Pavers
H1	Paving	Rollers	3,495,816.07	933.42	3.50	0.00	Rollers
H1	Paving	Tractors/Loaders/Backhoes	10,645,222.76	2,832.21	10.65	0.00	Tractors/Loaders/Backhoes
H1	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
H2	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
H2	Site Preparation	Excavator	11,711,859.26	2,974.19	11.71	0.00	Excavator
H2	Site Preparation	Off-Highway Trucks	59,862,679.24	14,813.92	59.86	0.01	Off-Highway Trucks
H2	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
H2	Site Preparation	Pile Drivers	23,219,250.72	5,779.40	23.22	0.01	Pile Drivers
H2	Site Preparation	Plate Compactors	1,017,349.09	650.57	1.02	0.00	Plate Compactors
H2	Site Preparation	Pressure Washer	165,319.23	105.72	0.17	0.00	Pressure Washer
H2	Site Preparation	Pumps	1,684,093.84	1,076.93	1.68	0.00	Pumps
H2	Site Preparation	Rollers	3,963,626.01	1,058.33	3.96	0.00	Rollers
H2	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers

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H2	Site Preparation	Skid-Steer Loaders	3,212,396.50	841.20	3.21	0.00	Skid-Steer Loaders
H2	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
H2	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
H2	Site Preparation	Tractors/Loaders/Backhoes	7,241,859.57	1,926.73	7.24	0.00	Tractors/Loaders/Backhoes
H2	Site Preparation	Water Trucks	59,862,679.24	14,813.92	59.86	0.01	Water Trucks
H2	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
H2	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
H2	Building Construction	Concrete Pumps	48,217,230.42	5,009.70	48.22	0.01	Concrete Pumps
H2	Building Construction	Cranes	18,086,606.13	4,562.53	18.09	0.00	Cranes
H2	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
H2	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
H2	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
H2	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
H2	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
H2	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
H2	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
H2	Paving	Off-Highway Trucks	29,931,339.62	7,406.96	29.93	0.01	Off-Highway Trucks
H2	Paving	Pavers	4,820,432.81	1,232.91	4.82	0.00	Pavers
H2	Paving	Rollers	2,972,719.51	793.74	2.97	0.00	Rollers
H2	Paving	Tractors/Loaders/Backhoes	9,052,324.46	2,408.42	9.05	0.00	Tractors/Loaders/Backhoes
H2	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
H3	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
H3	Site Preparation	Excavator	59,179,237.36	15,028.38	59.18	0.02	Excavator
H3	Site Preparation	Off-Highway Trucks	151,241,046.56	37,426.88	151.24	0.04	Off-Highway Trucks
H3	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
H3	Site Preparation	Pile Drivers	58,662,656.33	14,601.45	58.66	0.01	Pile Drivers
H3	Site Preparation	Plate Compactors	2,570,298.28	1,643.64	2.57	0.00	Plate Compactors
H3	Site Preparation	Pressure Washer	626,510.21	400.64	0.63	0.00	Pressure Washer
H3	Site Preparation	Pumps	6,382,209.70	4,081.25	6.38	0.00	Pumps
H3	Site Preparation	Rollers	5,006,983.93	1,336.91	5.01	0.00	Rollers
H3	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
H3	Site Preparation	Skid-Steer Loaders	4,058,005.88	1,062.63	4.06	0.00	Skid-Steer Loaders
H3	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
H3	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
H3	Site Preparation	Tractors/Loaders/Backhoes	36,592,629.48	9,735.65	36.59	0.01	Tractors/Loaders/Backhoes
H3	Site Preparation	Water Trucks	75,620,523.28	18,713.44	75.62	0.02	Water Trucks
H3	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
H3	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
H3	Building Construction	Concrete Pumps	180,790,063.56	18,783.82	180.79	0.02	Concrete Pumps
H3	Building Construction	Cranes	90,420,751.88	22,809.55	90.42	0.02	Cranes
H3	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
H3	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
H3	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets

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H3	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
H3	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
H3	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
H3	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
H3	Paving	Off-Highway Trucks	75,620,523.28	18,713.44	75.62	0.02	Off-Highway Trucks
H3	Paving	Pavers	12,178,661.44	3,114.89	12.18	0.00	Pavers
H3	Paving	Rollers	7,510,475.89	2,005.37	7.51	0.00	Rollers
H3	Paving	Tractors/Loaders/Backhoes	22,870,393.42	6,084.78	22.87	0.01	Tractors/Loaders/Backhoes
H3	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
H4	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
H4	Site Preparation	Excavator	23,457,228.85	5,956.89	23.46	0.01	Excavator
H4	Site Preparation	Off-Highway Trucks	119,896,639.40	29,670.23	119.90	0.03	Off-Highway Trucks
H4	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
H4	Site Preparation	Pile Drivers	46,504,937.07	11,575.33	46.50	0.01	Pile Drivers
H4	Site Preparation	Plate Compactors	1,018,804.53	651.50	1.02	0.00	Plate Compactors
H4	Site Preparation	Pressure Washer	165,555.74	105.87	0.17	0.00	Pressure Washer
H4	Site Preparation	Pumps	1,686,503.13	1,078.47	1.69	0.00	Pumps
H4	Site Preparation	Rollers	3,969,296.43	1,059.84	3.97	0.00	Rollers
H4	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
H4	Site Preparation	Skid-Steer Loaders	3,216,992.21	842.40	3.22	0.00	Skid-Steer Loaders
H4	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
H4	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
H4	Site Preparation	Tractors/Loaders/Backhoes	7,252,219.89	1,929.49	7.25	0.00	Tractors/Loaders/Backhoes
H4	Site Preparation	Water Trucks	59,948,319.70	14,835.12	59.95	0.01	Water Trucks
H4	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
H4	Building Construction	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
H4	Building Construction	Concrete Pumps	96,565,396.97	10,033.00	96.57	0.01	Concrete Pumps
H4	Building Construction	Cranes	36,222,327.27	9,137.45	36.22	0.01	Cranes
H4	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
H4	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
H4	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
H4	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
H4	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
H4	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
H4	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
H4	Paving	Off-Highway Trucks	29,974,159.85	7,417.56	29.97	0.01	Off-Highway Trucks
H4	Paving	Pavers	4,827,329.00	1,234.67	4.83	0.00	Pavers
H4	Paving	Rollers	2,976,972.32	794.88	2.98	0.00	Rollers
H4	Paving	Tractors/Loaders/Backhoes	9,065,274.86	2,411.86	9.07	0.00	Tractors/Loaders/Backhoes
H4	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
150 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
150 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
150 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers

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150 SM	Site Preparation	Excavator (Small 150 HP)	46,447,858.21	11,795.28	46.45	0.01	Excavator (Small 150 HP)
150 SM	Site Preparation	Water Trucks	62,517,533.40	15,470.91	62.52	0.02	Water Trucks
150 SM	Site Preparation	Tractors/Loaders/Backhoes	7,563,029.31	2,012.18	7.56	0.00	Tractors/Loaders/Backhoes
150 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
150 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
150 SM	Site Preparation	Pressure Washer	172,650.98	110.41	0.17	0.00	Pressure Washer
150 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
150 SM	Site Preparation	Trench Roller (25 HP)	2,791,411.22	764.51	2.79	0.00	Trench Roller (25 HP)
150 SM	Site Preparation	Skid-Steer Loaders	3,354,863.30	878.50	3.35	0.00	Skid-Steer Loaders
150 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00	Pumps
150 SM	Site Preparation	Plate Compactors	1,062,467.58	679.42	1.06	0.00	Plate Compactors
150 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	Pile Drivers
150 SM	Building Construction	Cranes (220 HP mobile crane)	119,669,136.11	30,187.75	119.67	0.03	Cranes (220 HP mobile crane)
150 SM	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
150 SM	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
150 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
150 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
150 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
150 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
150 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
150 SM	Building Construction	Concrete Pumps	25,123,370.23	2,610.28	25.12	0.00	Concrete Pumps
150 SM	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
150 SM	Paving	Pavers	5,034,214.52	1,287.58	5.03	0.00	Pavers
150 SM	Paving	Rollers	3,104,556.85	828.95	3.10	0.00	Rollers
150 SM	Paving	Off-Highway Trucks	31,258,766.70	7,735.45	31.26	0.01	Off-Highway Trucks
150 SM	Paving	Tractors/Loaders/Backhoes	9,453,786.64	2,515.23	9.45	0.00	Tractors/Loaders/Backhoes
150 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
150 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
40 SM	Site Preparation	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
40 SM	Site Preparation	Rubber Tired Dozers	0.00	0.00	0.00	0.00	Rubber Tired Dozers
40 SM	Site Preparation	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
40 SM	Site Preparation	Excavator (Small 150 HP)	40,657,782.74	10,324.91	40.66	0.01	Excavator (Small 150 HP)
40 SM	Site Preparation	Water Trucks	54,724,251.84	13,542.34	54.72	0.01	Water Trucks
40 SM	Site Preparation	Tractors/Loaders/Backhoes	6,620,240.72	1,761.35	6.62	0.00	Tractors/Loaders/Backhoes
40 SM	Site Preparation	Surfacing Equipment	0.00	0.00	0.00	0.00	Surfacing Equipment
40 SM	Site Preparation	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
40 SM	Site Preparation	Pile Drivers	0.00	0.00	0.00	0.00	Pile Drivers
40 SM	Site Preparation	Pressure Washer	151,128.74	96.64	0.15	0.00	Pressure Washer
40 SM	Site Preparation	Pavers	0.00	0.00	0.00	0.00	Pavers
40 SM	Site Preparation	Trench Roller (25 HP)	2,443,440.78	669.21	2.44	0.00	Trench Roller (25 HP)
40 SM	Site Preparation	Skid-Steer Loaders	2,936,654.31	768.99	2.94	0.00	Skid-Steer Loaders
40 SM	Site Preparation	Pumps	0.00	0.00	0.00	0.00	Pumps
40 SM	Site Preparation	Plate Compactors	930,022.99	594.72	0.93	0.00	Plate Compactors

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40 SM	Building Construction	Cranes (220 HP mobile crane)	105,480,352.54	26,608.48	105.48	0.03	Cranes (220 HP mobile crane)
40 SM	Building Construction	Forklifts	0.00	0.00	0.00	0.00	Forklifts
40 SM	Building Construction	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
40 SM	Building Construction	Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	Tractors/Loaders/Backhoes
40 SM	Building Construction	Off-Highway Trucks	0.00	0.00	0.00	0.00	Off-Highway Trucks
40 SM	Building Construction	Aerial Lifts	0.00	0.00	0.00	0.00	Aerial Lifts
40 SM	Building Construction	Excavators	0.00	0.00	0.00	0.00	Excavators
40 SM	Building Construction	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
40 SM	Building Construction	Concrete Pumps	22,144,573.24	2,300.79	22.14	0.00	Concrete Pumps
40 SM	Building Construction	Welders	0.00	0.00	0.00	0.00	Welders
40 SM	Paving	Pavers	4,406,661.75	1,127.08	4.41	0.00	Pavers
40 SM	Paving	Rollers	2,717,550.45	725.61	2.72	0.00	Rollers
40 SM	Paving	Off-Highway Trucks	27,362,125.92	6,771.17	27.36	0.01	Off-Highway Trucks
40 SM	Paving	Tractors/Loaders/Backhoes	8,275,300.90	2,201.68	8.28	0.00	Tractors/Loaders/Backhoes
40 SM	Paving	Concrete Saw	0.00	0.00	0.00	0.00	Concrete Saw
40 SM	Arc. Coating	Air Compressors	0.00	0.00	0.00	0.00	Air Compressors
LTA B1-1	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
LTA B1-1	Paving	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
LTA B1-1	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
LTA B1-1	Paving	Pressure Washer	14,781.76	9.45	0.01	0.00	Pressure Washer
LTA B1-2	Paving	Concrete/Industrial Saws	0.00	0.00	0.00	0.00	Concrete/Industrial Saws
LTA B1-2	Paving	Cement and Mortar Mixers	0.00	0.00	0.00	0.00	Cement and Mortar Mixers
LTA B1-2	Paving	Sweepers/Scrubbers	0.00	0.00	0.00	0.00	Sweepers/Scrubbers
LTA B1-2	Paving	Pressure Washer	14,781.76	9.45	0.01	0.00	Pressure Washer
LTA B1-3	Paving	Pile Drivers	23,252,468.54	5,787.67	23.25	0.01	Pile Drivers
LTA B1-3	Paving	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
LTA B1-3	Paving	Cranes (220 HP mobile crane)	13,188,292.42	3,326.88	13.19	0.00	Cranes (220 HP mobile crane)
LTA B1-3	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
LTA B1-4	Paving	Tractors/Loaders/Backhoes	2,590,078.53	689.10	2.59	0.00	Tractors/Loaders/Backhoes
LTA B1-4	Paving	Pavers	3,448,092.14	881.91	3.45	0.00	Pavers
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
LTA B1-4	Paving	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
LTA B1-4	Paving	Excavator (Small 150 HP)	5,302,266.92	1,346.49	5.30	0.00	Excavator (Small 150 HP)
LTA B1-4	Paving	Pavers	3,448,092.14	881.91	3.45	0.00	Pavers
LTA B1-4	Paving	Cement and Mortar Mixers - E	0.00	0.00	0.00	0.00	Cement and Mortar Mixers - E
LTA B1-4	Paving	Generator Sets	0.00	0.00	0.00	0.00	Generator Sets
Excavation	1	E - Excavators	822,135,694.37	206,214.81	822.14	0.21	E - Excavators
Excavation	1	E - Rubber Tired Dozers	990,242,364.22	257,394.22	990.24	0.26	E - Rubber Tired Dozers
Excavation	1	E - Off-Highway Trucks	1,331,687,798.30	329,546.23	1331.69	0.33	E - Off-Highway Trucks
Excavation	1	E - Pressure Washers	1,458,959.92	932.97	1.46	0.00	E - Pressure Washers
Excavation	1	E - Pumps	298,853,536.62	31,050.45	298.85	0.03	E - Pumps
Excavation	1	E - Bore/Drill Rigs	1,508,845,181.93	354,647.05	1508.85	0.35	E - Bore/Drill Rigs
Excavation	1	E - Ground anchoring	370,744,816.13	87,141.85	370.74	0.09	E - Ground anchoring

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Excavation	1	⋮ - Mobile Concrete Pump - Tier 4 Diese	299,152,737.16	14,739.20	299.15	0.01	E - Mobile Concrete Pump - Tier 4 Diesel
Excavation	1	E - Tractors/Loaders/Backhoes	334,792,749.78	89,073.26	334.79	0.09	E - Tractors/Loaders/Backhoes
Excavation	1	E - Aerial Lifts	0.00	0.00	0.00	0.00	E - Aerial Lifts
Excavation	1	E - Air Compressors	0.00	0.00	0.00	0.00	E - Air Compressors
Excavation	1	E - Generator Sets	0.00	0.00	0.00	0.00	E - Generator Sets
Excavation	1	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	E - Sweepers/Scrubbers
Excavation	1	ER- Graders	447,002,603.62	118,404.13	447.00	0.12	ER- Graders
Excavation	1	ER -Rubber Tired Dozers	198,048,472.84	51,478.84	198.05	0.05	ER -Rubber Tired Dozers
Excavation	1	ER -Excavators	157,273,787.26	40,880.26	157.27	0.04	ER -Excavators
Excavation	1	ER -Trenchers	113,946,252.73	30,854.39	113.95	0.03	ER -Trenchers
Excavation	1	ER - Off-Highway Trucks	443,895,932.77	109,848.74	443.90	0.11	ER - Off-Highway Trucks
Excavation	1	ER - Skid Steer Loaders	221,622,304.97	58,033.91	221.62	0.06	ER - Skid Steer Loaders
Excavation	1	ER - Pressure Washers	486,319.97	310.99	0.49	0.00	ER - Pressure Washers
Excavation	1	ER - Plate Compactors	34,316,732.51	21,944.64	34.32	0.02	ER - Plate Compactors
Excavation	2a	E - Excavators	184,703,703.64	46,328.90	184.70	0.05	E - Excavators
Excavation	2a	E - Rubber Tired Dozers	222,471,099.87	57,827.03	222.47	0.06	E - Rubber Tired Dozers
Excavation	2a	E - Off-Highway Trucks	299,181,351.84	74,036.94	299.18	0.07	E - Off-Highway Trucks
Excavation	2a	E - Pressure Washers	327,774.72	209.60	0.33	0.00	E - Pressure Washers
Excavation	2a	E - Pumps	67,141,416.48	6,975.90	67.14	0.01	E - Pumps
Excavation	2a	E - Bore/Drill Rigs	338,982,111.14	79,676.17	338.98	0.08	E - Bore/Drill Rigs
Excavation	2a	E - Ground anchoring	83,292,747.31	19,577.57	83.29	0.02	E - Ground anchoring
Excavation	2a	⋮ - Mobile Concrete Pump - Tier 4 Diese	67,208,635.86	3,311.36	67.21	0.00	E - Mobile Concrete Pump - Tier 4 Diesel
Excavation	2a	E - Tractors/Loaders/Backhoes	75,215,638.08	20,011.49	75.22	0.02	E - Tractors/Loaders/Backhoes
Excavation	2a	E - Aerial Lifts	0.00	0.00	0.00	0.00	E - Aerial Lifts
Excavation	2a	E - Air Compressors	0.00	0.00	0.00	0.00	E - Air Compressors
Excavation	2a	E - Generator Sets	0.00	0.00	0.00	0.00	E - Generator Sets
Excavation	2a	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	E - Sweepers/Scrubbers
Excavation	2a	ER- Graders	261,068,541.90	69,153.05	261.07	0.07	ER- Graders
Excavation	2a	ER -Rubber Tired Dozers	115,668,735.74	30,065.84	115.67	0.03	ER -Rubber Tired Dozers
Excavation	2a	ER -Excavators	91,854,584.26	23,875.81	91.85	0.02	ER -Excavators
Excavation	2a	ER -Trenchers	66,549,460.37	18,020.28	66.55	0.02	ER -Trenchers
Excavation	2a	ER - Off-Highway Trucks	259,254,113.92	64,156.34	259.25	0.06	ER - Off-Highway Trucks
Excavation	2a	ER - Skid Steer Loaders	129,436,856.84	33,894.27	129.44	0.03	ER - Skid Steer Loaders
Excavation	2a	ER - Pressure Washers	284,031.56	181.63	0.28	0.00	ER - Pressure Washers
Excavation	2a	ER - Plate Compactors	20,042,432.07	12,816.60	20.04	0.01	ER - Plate Compactors

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Excavation	2b	E - Excavators	145,496,667.18	36,494.67	145.50	0.04	E - Excavators
Excavation	2b	E - Rubber Tired Dozers	175,247,182.04	45,552.09	175.25	0.05	E - Rubber Tired Dozers
Excavation	2b	E - Off-Highway Trucks	235,674,156.60	58,321.12	235.67	0.06	E - Off-Highway Trucks
Excavation	2b	E - Pressure Washers	258,198.02	165.11	0.26	0.00	E - Pressure Washers
Excavation	2b	E - Pumps	52,889,314.81	5,495.12	52.89	0.01	E - Pumps
Excavation	2b	E - Bore/Drill Rigs	267,026,412.75	62,763.32	267.03	0.06	E - Bore/Drill Rigs
Excavation	2b	E - Ground anchoring	65,612,204.28	15,421.84	65.61	0.02	E - Ground anchoring
Excavation	2b	E - Mobile Concrete Pump - Tier 4 Diese	52,942,265.53	2,608.46	52.94	0.00	E - Mobile Concrete Pump - Tier 4 Diesel
Excavation	2b	E - Tractors/Loaders/Backhoes	59,249,622.20	15,763.65	59.25	0.02	E - Tractors/Loaders/Backhoes
Excavation	2b	E - Aerial Lifts	0.00	0.00	0.00	0.00	E - Aerial Lifts
Excavation	2b	E - Air Compressors	0.00	0.00	0.00	0.00	E - Air Compressors
Excavation	2b	E - Generator Sets	0.00	0.00	0.00	0.00	E - Generator Sets
Excavation	2b	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	E - Sweepers/Scrubbers
Excavation	2b	ER- Graders	149,317,891.00	39,552.02	149.32	0.04	ER- Graders
Excavation	2b	ER -Rubber Tired Dozers	66,156,617.52	17,196.12	66.16	0.02	ER -Rubber Tired Dozers
Excavation	2b	ER -Excavators	52,536,137.45	13,655.75	52.54	0.01	ER -Excavators
Excavation	2b	ER -Trenchers	38,062,897.19	10,306.68	38.06	0.01	ER -Trenchers
Excavation	2b	ER - Off-Highway Trucks	148,280,130.73	36,694.15	148.28	0.04	ER - Off-Highway Trucks
Excavation	2b	ER - Skid Steer Loaders	74,031,280.60	19,385.79	74.03	0.02	ER - Skid Steer Loaders
Excavation	2b	ER - Pressure Washers	162,451.57	103.88	0.16	0.00	ER - Pressure Washers
Excavation	2b	ER - Plate Compactors	11,463,248.94	7,330.44	11.46	0.01	ER - Plate Compactors
Excavation	3	E - Excavators	305,681,634.70	76,673.57	305.68	0.08	E - Excavators
Excavation	3	E - Rubber Tired Dozers	368,186,063.09	95,702.80	368.19	0.10	E - Rubber Tired Dozers
Excavation	3	E - Off-Highway Trucks	495,140,286.30	122,529.93	495.14	0.12	E - Off-Highway Trucks
Excavation	3	E - Pressure Washers	542,461.85	346.89	0.54	0.00	E - Pressure Washers
Excavation	3	E - Pumps	111,117,955.63	11,544.99	111.12	0.01	E - Pumps
Excavation	3	E - Bore/Drill Rigs	561,009,897.60	131,862.77	561.01	0.13	E - Bore/Drill Rigs
Excavation	3	E - Ground anchoring	137,848,146.27	32,400.57	137.85	0.03	E - Ground anchoring
Excavation	3	E - Mobile Concrete Pump - Tier 4 Diese	111,229,202.61	5,480.24	111.23	0.01	E - Mobile Concrete Pump - Tier 4 Diesel
Excavation	3	E - Tractors/Loaders/Backhoes	124,480,661.45	33,118.69	124.48	0.03	E - Tractors/Loaders/Backhoes
Excavation	3	E - Aerial Lifts	0.00	0.00	0.00	0.00	E - Aerial Lifts
Excavation	3	E - Air Compressors	0.00	0.00	0.00	0.00	E - Air Compressors
Excavation	3	E - Generator Sets	0.00	0.00	0.00	0.00	E - Generator Sets
Excavation	3	E - Sweepers/Scrubbers	0.00	0.00	0.00	0.00	E - Sweepers/Scrubbers
Excavation	3	ER- Graders	308,622,010.37	81,749.23	308.62	0.08	ER- Graders
Excavation	3	ER -Rubber Tired Dozers	136,737,722.21	35,542.31	136.74	0.04	ER -Rubber Tired Dozers
Excavation	3	ER -Excavators	108,585,838.22	28,224.77	108.59	0.03	ER -Excavators
Excavation	3	ER -Trenchers	78,671,402.15	21,302.66	78.67	0.02	ER -Trenchers
Excavation	3	ER - Off-Highway Trucks	306,477,085.50	75,842.38	306.48	0.08	ER - Off-Highway Trucks
Excavation	3	ER - Skid Steer Loaders	153,013,697.80	40,068.09	153.01	0.04	ER - Skid Steer Loaders
Excavation	3	ER - Pressure Washers	335,767.73	214.71	0.34	0.00	ER - Pressure Washers
Excavation	3	ER - Plate Compactors	23,693,148.30	15,151.14	23.69	0.02	ER - Plate Compactors

Downtown West San Jose Mixed Use Project
Dust From Material Movement

Summary Emissions

		PM10 Emissions - With 55% reduction for watering 2x per day (tons/phase)				
Block	**Phase/Year**	**Total Red**	**Total**	**Grading**	**Truck Loading**	**Bulldozing**
A1		0.00	0.00	0.00		0.00
B1		0.00	0.00	0.00		0.00
C1		0.00	0.00	0.00		0.00
C2		0.00	0.00	0.00		0.00
C3		0.00	0.00	0.00		0.00
D1		0.00	0.00	0.00		0.00
D4		0.00	0.00	0.00		0.00
D5-6		0.00	0.00	0.00		0.00
D7		0.00	0.00	0.00		0.00
D8-13		0.00	0.00	0.00		0.00
E1.1		0.00	0.00	0.00		0.00
E1.2		0.00	0.00	0.00		0.00
F1-F2		0.00	0.00	0.00		0.00
F3		0.00	0.00	0.00		0.00
F4		0.00	0.00	0.00		0.00
F5		0.00	0.00	0.00		0.00
F6		0.00	0.00	0.00		0.00
G1		0.00	0.00	0.00		0.00
H1		0.00	0.00	0.00		0.00
H2		0.00	0.00	0.00		0.00
H3		0.00	0.00	0.00		0.00
H4		0.00	0.00	0.00		0.00
150 SM		0.00	0.00	0.00		0.00
40 SM		0.00	0.00	0.00		0.00
LTA		0.00	0.00	0.00		0.00
Excavation	1 - 2021	0.15	0.34	0.332290118	9.75E-03	
	1 - 2022	0.31	0.68	0.664580235	1.95E-02	
	1 - 2023	0.31	0.68	0.664580235	1.95E-02	
	1 - 2024	0.15	0.34	0.332290118	9.75E-03	
	2a - 2025	0.15	0.34	0.332694118	3.75E-03	
	2a - 2026	0.30	0.67	0.665388235	7.50E-03	
	2a - 2027	0.08	0.17	0.166347059	1.88E-03	
	2b - 2029	0.30	0.68	0.67	1.03E-02	
	3 - 2030	0.42	0.93	0.917686325	1.05E-02	
	3 - 2031	0.21	0.46	0.458843162	5.25E-03	

Downtown West San Jose Mixed Use Proiect
Dust From Material Movement

		PM2.5 Emissions - With 55% reduction for watering 2x per day (tons/phase)				
Block	**Phase**	**Total Red**	**Total**	**Grading**	**Truck Loading**	**Bulldozing**
A1		0.00	0.00	0.00		0.00
B1		0.00	0.00	0.00		0.00
C1		0.00	0.00	0.00		0.00
C2		0.00	0.00	0.00		0.00
C3		0.00	0.00	0.00		0.00
D1		0.00	0.00	0.00		0.00
D4		0.00	0.00	0.00		0.00
D5-6		0.00	0.00	0.00		0.00
D7		0.00	0.00	0.00		0.00
D8-13		0.00	0.00	0.00		0.00
E1.1		0.00	0.00	0.00		0.00
E1.2		0.00	0.00	0.00		0.00
F1-F2		0.00	0.00	0.00		0.00
F3		0.00	0.00	0.00		0.00
F4		0.00	0.00	0.00		0.00
F5		0.00	0.00	0.00		0.00
F6		0.00	0.00	0.00		0.00
G1		0.00	0.00	0.00		0.00
H1		0.00	0.00	0.00		0.00
H2		0.00	0.00	0.00		0.00
H3		0.00	0.00	0.00		0.00
H4		0.00	0.00	0.00		0.00
150 SM		0.00	0.00	0.00		0.00
40 SM		0.00	0.00	0.00		0.00
LTA		0.00	0.00	0.00		0.00
Excavation	1 - 2021	0.02	0.04	0.035879539	1.48E-03	
	1 - 2022	0.03	0.07	0.071759079	2.95E-03	
	1 - 2023	0.03	0.07	0.071759079	2.95E-03	
	1 - 2024	0.02	0.04	0.035879539	1.48E-03	
	2a - 2025	0.02	0.04	0.035923162	5.68E-04	
	2a - 2026	0.03	0.07	0.071846324	1.14E-03	
	2a - 2027	0.01	0.02	0.017961581	2.84E-04	
	2b - 2029	0.03	0.07	0.071911758	1.57E-03	
	3 - 2030	0.05	0.10	0.0990886	1.59E-03	
	3 - 2031	0.02	0.05	0.0495443	7.95E-04	

Downtown West San Jose Mixed Use Proiect
Dust From Material Movement

Grading

Equipment Type	**Acres per day**
Crawler tractor	0.5
Graders	0.5
Rubber Tired Dozers	0.5
Scrapers	1

Emission Factor (PM10) $EF_{PM15} = (0.051 \times (S)^{2.0}) \times F_{PM10}$

Emission Factor (PM2.5) $EF_{TSP} = (0.04 \times (S)^{2.5}) \times F_{PM2.5}$

EF =			Emission Facotr lb/VMT
S=		7.1	mean vehicle speed
$F_{PM2.5}$ =		0.031	$PM_{2.5}$ Scaling Factor
F_{PM10} =		0.6	PM_{10} Scaling Factor
EF_{PM10} =	0.051	50.41	0.6
	2.57091		
	1.542546	lbs/VMT	
$EF_{PM2.5}$ =	0.04	134.3216048	0.031
	5.37286419		
	0.16655879	lbs/VMT	

Emissions E = EF x VMT

VMT = (AS/Wb) x 43560 (sqft/acre)/ 5,280 (ft/mile)

E =			Emissions
EF_{PM10} =		1.542546	
$EF_{PM2.5}$=		0.16655879	Emission Facotr lb/VMT
VMT =			Vehicle Miles Traveled
AS=		varies	acreage of the grading site
Wb=		12	width of the blade (ft)

Downtown West San Jose Mixed Use Project

Dust From Material Movement

	Phase	days	# Equipment	acres/day	acres	VMT	PM10 lbs/phase	PM2.5 lbs/phase	PM10 tons/phase	PM2.5 tons/phase
	A1	63	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	B1	60	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	C1	63	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	C2	63	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	C3	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D1	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D4	54	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D5-6	54	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D7	56	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	D8-13	109	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	E1.1	44	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	E1.2	56	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F1-F2	58	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F3	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F4	58	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F5	69	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	F6	54	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	G1	56	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	H1	56	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	H2	48	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	H3	61	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	H4	48	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	150 SM	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	40 SM	44	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	LTA	50	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Excavation	1	940	8	4	3760.00	2585.00	3987.48	430.55	1.99	0.22
Excavation	2	549	8	4	2196.00	1509.75	2328.86	251.46	1.16	0.13
Excavation	3	314	8	4	1256.00	863.50	1331.99	143.82	0.67	0.07
Excavation	4	649	8	4	2596.00	1784.75	2753.06	297.27	1.38	0.15

Downtown West San Jose Mixed Use Proiect
Dust From Material Movement

Bulldozing

$EF_{TSP} = ((C_{TSP} * S^{1.2})/M^{1.3}) * EF_{PM2.5}$

$EF_{PM15} = ((C_{PM15} * S^{1.5})/M^{1.4}) * EF_{PM10}$

$E = EFxHr$

Where:

EF =		Emission Facotr lb/VMT
CTSP	5.7	arbitrary coefficient used by AP-42
s	6.9	material silt content (%)
M	7.9	material moisture content (%)
$F_{PM2.5}$ =	0.105	PM2.5 Scaling Factor
F_{PM10} =	0.75	PM10 Scaling Factor

Where:

E =		Emissions (lbs/day)
$EF_{PM2.5}$ =	0.41	Emission Factor PM2.5
EF_{PM10} =	4.29	Emission Factor PM10
Hr =	Varies	Hours of Operation (per day)

Dozer Emissions

Block	Hrs/ day	PM10 (lbs/day)	PM2.5 (lbs/day)	Phase	Days	PM10 (tons/phase)	PM2.5 (tons/phase)
A1	0			2a	63	0.00	0.00
B1	0			2a	60	0.00	0.00
C1	0			3	63	0.00	0.00
C2	0	0.00	0.00	3	63	0.00	0.00
C3	0			3	50	0.00	0.00
D1	0			2b	50	0.00	0.00
D4	0			2b	54	0.00	0.00
D5-6	0			1	54	0.00	0.00
D7	0			1	56	0.00	0.00
D8-13	0			1	109	0.00	0.00
E1.1	0			1	44	0.00	0.00
E1.2	0			1	56	0.00	0.00
F1-F2	0			1	58	0.00	0.00
F3	0			1	50	0.00	0.00
F4	0			1	58	0.00	0.00
F5	0			1	69	0.00	0.00
F6	0			1	54	0.00	0.00
G1	0			1	56	0.00	0.00
H1	0			1	56	0.00	0.00
H2	0			2b	48	0.00	0.00
H3	0			1	61	0.00	0.00
H4	0			2a	48	0.00	0.00
150 SM	0			1	50	0.00	0.00
40 SM	0			1	44	0.00	0.00
LTA	0			1	50	0.00	0.00

Downtown West San Jose Mixed Use Proiect
Dust From Material Movement

Truck Loading - Soils

$EF = k * 0.0032 * ((U/5)^{1.3})/(M/2)^{1.4}))$

Where:

EF =		Emission Factor (lbs/ton)
k_{PM10}=	0.35	particle size multiplier
$k_{PM2.5}$=	0.053	particle size multiplier
U =	4.92	windspeed (mph)
	2.2	m/s
M =	12	moisture content (%)

$E = EF \times TP$

Where:

E =		Emissions (lbs)
EF_{PM10}=	8.93E-05	Emission Factor (lbs/ton)
$EF_{PM2.5}$=	1.35E-05	Emission Factor (lbs/ton)
TP	Varies	Tons of material
	1.2641662	tons per cubic yard default

Loading Emissions

Phase	Years	Months	Total CY	Total Tons	PM10 (lbs/phase)	PM10 (lbs/phase)	PM10 (tons/phase)	PM2.5 (tons/phase)	
1		36	873,825	1,310,738					
	2021	6		218,456	19.51	2.95	9.75E-03	1.48E-03	0.166666667
	2022	12		436,913	39.02	5.91	1.95E-02	2.95E-03	0.333333333
	2023	12		436,913	39.02	5.91	1.95E-02	2.95E-03	0.333333333
	2024	6		218,456	19.51	2.95	9.75E-03	1.48E-03	0.166666667
2a	2a	21	196,078	294,117					
	2025	6		84,033	7.50	1.14	3.75E-03	5.68E-04	0.285714286
	2026	12		168,067	15.01	2.27	7.50E-03	1.14E-03	0.571428571
	2027	3		42,017	3.75	0.57	1.88E-03	2.84E-04	0.142857143
2b	2029	12	154,316	231,474	20.67	3.13	1.03E-02	1.57E-03	1
3		18	235,290	352,935					
	2030	12		235,290	21.01	3.18	1.05E-02	1.59E-03	0.666666667
	2031	6		117,645	10.51	1.59	5.25E-03	7.95E-04	0.333333333

Downtown West San Jose Mixed Use Proiect
Architectural Coating

Summary Emissions

	tons/phase	
Block	**VOC AC**	**VOC Paving**
A1	0.57	0.0000
B1	0.37	0.0000
C1	0.61	0.0267
C2	0.31	0.0431
C3	0.29	0.0075
D1	0.15	0.0188
D4	0.35	0.0258
D5-6	0.03	0.0258
D7	0.27	0.0174
D8-13	0.03	0.0000
E1.1	0.46	0.0328
E1.2	0.52	0.0703
F1-F2	0.87	0.0680
F3	0.42	0.0117
F4	0.24	0.0234
F5	0.04	0.0019
F6	0.19	0.0164
G1	0.42	0.0056
H1	0.22	0.0094
H2	0.17	0.0141
H3	0.63	0.0657
H4	0.31	0.0314
150 SM	0.01	0.0000
40 SM	0.01	0.0000
LTA	0.00	0.0000

Architectural Coating

$E_{AC} = EF_{AC} * (F * A)$

Where:

E_{AC} =			emissions (lb VOC)
EF_{AC} =			emission Factor (lb/sq.ft)
		0.0005	Exterior
		0.0005	Interior
		0.0069	Parking
A =			building sq.ft
	R	2.7	x residential building area
	NR	2	x non-residential building area
		A * 0.06	Parking (area * 6%)
F =		75%	indoor
		25%	exterior

$EF_{AC} = C_{VOC}/454$ (g/lb) * 3.785 (l/Gal) / 180 (sqft)

Where:

EF_{AC} =		emission Factor (lb/dq.ft
C_{VOC} =		VOC content (g/L)
	10	exterior
	10	interior

Downtown West San Jose Mixed Use Proiect
Architectural Coating

150 Parking

Block	NRes Sqft	Res sqft	Exterior	Interior	Multiplier	Parking
A1	1,233,500	0	308,375	925,125	NR	0
B1	795,000	0	198,750	596,250	NR	0
C1	5,200		1,300	3,900	NR	128,250
		975800	243,950	731,850	R	
C2	680,000	0	170,000	510,000	NR	207,000
C3	66,000		16,500	49,500	NR	36,000
		139400	34,850	104,550	R	
D1	14,000		3,500	10,500	NR	90,000
		410000	102,500	307,500	R	
D4	749,000	0	187,250	561,750	NR	123,750
D5-6	56,500	0	14,125	42,375	NR	123,750
D7	584,000	0	146,000	438,000	NR	83,250
D8-13	56,400	0	14,100	42,300	NR	0
E1.1	43,000		10,750	32,250	NR	157,500
		697000	174,250	522,750	R	
E1.2	1,120,000	0	280,000	840,000	NR	337,500
F1-F2	1,881,000	0	470,250	1,410,750	NR	326,250
F3	902,000	0	225,500	676,500	NR	56,250
F4	132,000		33,000	99,000	NR	112,500
		291100	72,775	218,325	R	
F5	87,000	0	21,750	65,250	NR	9,000
F6	13,000		3,250	9,750	NR	78,750
		287000	71,750	215,250	R	
G1	905,500	0	226,375	679,125	NR	27,000
H1	6,500		1,625	4,875	NR	45,000
		352600	88,150	264,450	R	
H2	9,000		2,250	6,750	NR	67,500
		270600	67,650	202,950	R	
H3	96,500		24,125	72,375	NR	315,000
		938900	234,725	704,175	R	
H4	16,500		4,125	12,375	NR	150,750
		475600	118,900	356,700	R	
150 SM	17,200	0	4,300	12,900	NR	0
40 SM	11,700	0	2,925	8,775	NR	0
LTA	0	0	0	0	NR	0

Downtown West San Jose Mixed Use Proiect
Architectural Coating

VOC Emissions - Building Coating

Block	Exterior	Interior	lbs/year	tons/year
A1	286	857	1,143	0.57
E1.1	184	552	736	0.37
C1	306	919	1,225	0.61
C2	157	472	630	0.31
C3	59	518	577	0.29
D1	131	177	308	0.15
D4	173	520	694	0.35
D5-6	13	39	52	0.03
D7	135	406	541	0.27
D8-13	13	39	52	0.03
E1.1	228	684	911	0.46
E1.2	259	778	1,037	0.52
F1-F2	436	1,307	1,742	0.87
F3	209	627	836	0.42
F4	122	365	486	0.24
F5	20	60	81	0.04
F6	93	278	371	0.19
G1	210	629	839	0.42
H1	112	335	447	0.22
H2	87	260	347	0.17
H3	316	948	1,264	0.63
H4	153	458	610	0.31
150 SM	4	12	16	0.01
40 SM	3	8	11	0.01
LTA	0	0	0	0.00

Downtown West San Jose Mixed Use Proiect
Architectural Coating

VOC Emissions - Paving

Block	Paving	tons/year
A1	0	0.0000
E1.1	0	0.0000
C1	53	0.0267
C2	86	0.0431
C3	15	0.0075
D1	38	0.0188
D4	52	0.0258
D5-6	52	0.0258
D7	35	0.0174
D8-13	0	0.0000
E1.1	66	0.0328
E1.2	141	0.0703
F1-F2	136	0.0680
F3	23	0.0117
F4	47	0.0234
F5	4	0.0019
F6	33	0.0164
G1	11	0.0056
H1	19	0.0094
H2	28	0.0141
H3	131	0.0657
H4	63	0.0314
150 SM	0	0.0000
40 SM	0	0.0000
LTA	0	0.0000

Phase/Block	Phase Name	MT by Phase
A1	Site Preparation	12.49
A1	Building Construction	463.27
A1	Paving	4.41
A1	Arc. Coating	4.72
B1	Site Preparation	12.72
B1	Building Construction	346.63
B1	Paving	6.03
B1	Arc. Coating	1.82
C1	Site Preparation	17.07
C1	Building Construction	445.73
C1	Paving	35.71
C1	Arc. Coating	3.84
C2	Site Preparation	15.11
C2	Building Construction	340.86
C2	Paving	5.36
C2	Arc. Coating	1.72
C3	Site Preparation	1.55
C3	Building Construction	56.35
C3	Paving	1.03
C3	Arc. Coating	0.66
D1	Site Preparation	2.43
D1	Building Construction	61.74
D1	Paving	2.20
D1	Arc. Coating	0.71
D4	Site Preparation	6.64
D4	Building Construction	157.29
D4	Paving	3.35
D4	Arc. Coating	0.72
D5-D6	Site Preparation	3.63
D5-D6	Building Construction	91.76
D5-D6	Paving	3.51
D5-D6	Arc. Coating	1.02
D7	Site Preparation	6.27
D7	Building Construction	177.51
D7	Paving	2.98
D7	Arc. Coating	0.96
D8-D13	Site Preparation	6.13
D8-D13	Building Construction	343.81
D8-D13	Paving	5.73
D8-D13	Arc. Coating	1.84
E1.1	Site Preparation	7.04
E1.1	Building Construction	207.23

E1.1	Paving	3.86
E1.1	Arc. Coating	0.83
E1.2	Site Preparation	13.75
E1.2	Building Construction	468.09
E1.2	Paving	4.97
E1.2	Arc. Coating	5.32
F1-F2	Site Preparation	14.86
F1-F2	Building Construction	630.43
F1-F2	Paving	6.51
F1-F2	Arc. Coating	5.23
F3	Site Preparation	3.04
F3	Building Construction	77.18
F3	Paving	2.64
F3	Arc. Coating	0.85
F4	Site Preparation	3.73
F4	Building Construction	183.41
F4	Paving	3.26
F4	Arc. Coating	1.05
F5	Site Preparation	4.81
F5	Building Construction	120.44
F5	Paving	4.04
F5	Arc. Coating	1.30
F6	Site Preparation	3.80
F6	Building Construction	95.93
F6	Paving	3.19
F6	Arc. Coating	1.02
G1	Site Preparation	5.62
G1	Building Construction	211.72
G1	Paving	2.97
G1	Arc. Coating	0.95
H1	Site Preparation	5.91
H1	Building Construction	160.68
H1	Paving	3.14
H1	Arc. Coating	1.01
H2	Site Preparation	2.33
H2	Building Construction	59.25
H2	Paving	2.11
H2	Arc. Coating	0.68
H3	Site Preparation	15.78
H3	Building Construction	381.75
H3	Paving	3.20
H3	Arc. Coating	4.11
H4	Site Preparation	2.63
H4	Building Construction	130.34
H4	Paving	2.39
H4	Arc. Coating	0.77
150 SM	Site Preparation	4.75

150 SM	Building Construction	88.53
150 SM	Paving	2.79
150 SM	Arc. Coating	0.90
40 SM	Site Preparation	4.16
40 SM	Building Construction	78.03
40 SM	Paving	2.57
40 SM	Arc. Coating	0.83
LTA B1-1	Paving	0.16
LTA B1-2	Paving	0.16
LTA B1-3	Paving	1.38
LTA B1-4	Paving	0.51
LTA B1-4	Paving	0.51
Excavation	1	273.84
Excavation	2a	51.36
Excavation	2b	32.34
Excavation	3	63.70

kW/hp	lbs/MT
0.7457	2204.622622

Start Year	Phase/Block	Phase Name	Equipment	HP	HP Class	KW	Load Factor	Total Hours	Total kWh	Total MWh	Lbs	MT
2027	A1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,504	90,855	91	19,461	8.83
2027	A1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	376	17,947	18	3,844	1.74
2027	A1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	338	3,281	3	703	0.32
2027	A1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Pumps	84	75-119	62.6388	1.00	263	16,489	16	3,532	1.60
2027	A1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2027	A1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2027	A1	Building Construction	Cranes	231	175-299	172.2567	1.00	10,570	1,820,720	1,821	389,998	176.90
2027	A1	Building Construction	Forklifts	89	75-119	66.3673	1.00	13,049	866,036	866	185,505	84.14
2027	A1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	7,829	490,430	490	105,050	47.65
2027	A1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	31,318	1,471,289	1,471	315,150	142.95
2027	A1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	7,829	52,546	53	11,255	5.11
2027	A1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2027	A1	Building Construction	Welders	46	25-49	34.3022	1.00	1,957	67,142	67	14,382	6.52
2029	A1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	A1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	A1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	A1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	A1	Paving	Concrete Saw	81	75-119	60.4017	1.00	846	51,106	51	9,731	4.41
2029	A1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	940	54,681	55	10,411	4.72
2026	B1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,452	87,674	88	19,823	8.99
2026	B1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	363	17,318	17	3,916	1.78
2026	B1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	327	3,166	3	716	0.32
2026	B1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Pumps	84	75-119	62.6388	1.00	254	15,911	16	3,598	1.63
2026	B1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2026	B1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2026	B1	Building Construction	Cranes	231	175-299	172.2567	1.00	8,512	1,466,239	1,466	331,517	150.37
2026	B1	Building Construction	Forklifts	89	75-119	66.3673	1.00	7,566	502,146	502	113,535	51.50

2026	B1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	5,044	315,957	316	71,438	32.40
2026	B1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	18,915	888,630	889	200,919	91.14
2026	B1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	5,044	33,853	34	7,654	3.47
2026	B1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2026	B1	Building Construction	Welders	46	25-49	34.3022	1.00	5,044	173,024	173	39,121	17.74
2028	B1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2028	B1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2028	B1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2028	B1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2028	B1	Paving	Concrete Saw	81	75-119	60.4017	1.00	1,089	65,756	66	13,302	6.03
2029	B1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	363	21,107	21	4,019	1.82
2029	C1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	2,251	135,985	136	25,891	11.74
2029	C1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	625	29,846	30	5,683	2.58
2029	C1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	450	4,365	4	831	0.38
2029	C1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Pumps	84	75-119	62.6388	1.00	438	27,421	27	5,221	2.37
2029	C1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	C1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	C1	Building Construction	Cranes	231	175-299	172.2567	1.00	10,548	1,816,893	1,817	345,936	156.91
2029	C1	Building Construction	Forklifts	89	75-119	66.3673	1.00	15,626	1,037,059	1,037	197,456	89.56
2029	C1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	10,417	652,532	653	124,242	56.36
2029	C1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	31,252	1,468,196	1,468	279,545	126.80
2029	C1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	7,813	52,436	52	9,984	4.53
2029	C1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	C1	Building Construction	Welders	46	25-49	34.3022	1.00	3,907	134,002	134	25,514	11.57
2031	C1	Paving	Concrete Saw	81	75-119	60.4017	1.00	7,813	471,920	472	78,716	35.71
2031	C1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2031	C1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2031	C1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2031	C1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2032	C1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	938	54,562	55	8,457	3.84
2029	C2	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	2,254	136,134	136	25,920	11.76
2029	C2	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	376	17,927	18	3,413	1.55
2029	C2	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00

2029	C2	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	451	4,370	4	832	0.38
2029	C2	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Pumps	84	75-119	62.6388	1.00	263	16,470	16	3,136	1.42
2029	C2	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	C2	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	C2	Building Construction	Cranes	231	175-299	172.2567	1.00	10,975	1,890,564	1,891	359,963	163.28
2029	C2	Building Construction	Forklifts	89	75-119	66.3673	1.00	8,130	539,555	540	102,731	46.60
2029	C2	Building Construction	Generator Sets	84	75-119	62.6388	1.00	5,420	339,495	339	64,640	29.32
2029	C2	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	20,325	954,830	955	181,800	82.46
2029	C2	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	5,420	36,374	36	6,926	3.14
2029	C2	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	C2	Building Construction	Welders	46	25-49	34.3022	1.00	5,420	185,914	186	35,398	16.06
2031	C2	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2031	C2	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2031	C2	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2031	C2	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2031	C2	Paving	Concrete Saw	81	75-119	60.4017	1.00	1,174	70,900	71	11,826	5.36
2031	C2	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	391	22,758	23	3,796	1.72
2030	C3	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	150	9,058	9	1,617	0.73
2030	C3	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	100	4,771	5	852	0.39
2030	C3	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	90	872	1	156	0.07
2030	C3	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Pumps	84	75-119	62.6388	1.00	70	4,384	4	782	0.35
2030	C3	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2030	C3	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2030	C3	Building Construction	Cranes	231	175-299	172.2567	1.00	1,419	244,453	244	43,635	19.79
2030	C3	Building Construction	Forklifts	89	75-119	66.3673	1.00	2,102	139,531	140	24,906	11.30
2030	C3	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,102	131,692	132	23,507	10.66
2030	C3	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,154	148,153	148	26,445	12.00
2030	C3	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,102	14,110	14	2,519	1.14
2030	C3	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2030	C3	Building Construction	Welders	46	25-49	34.3022	1.00	526	18,029	18	3,218	1.46
2031	C3	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2031	C3	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2031	C3	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00

2031	C3	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2031	C3	Paving	Concrete Saw	81	75-119	60.4017	1.00	225	13,587	14	2,266	1.03
2031	C3	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	150	8,723	9	1,455	0.66
2029	D1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	300	18,141	18	3,454	1.57
2029	D1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	100	4,778	5	910	0.41
2029	D1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	90	873	1	166	0.08
2029	D1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Pumps	84	75-119	62.6388	1.00	70	4,390	4	836	0.38
2029	D1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	D1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	D1	Building Construction	Cranes	231	175-299	172.2567	1.00	1,421	244,772	245	46,605	21.14
2029	D1	Building Construction	Forklifts	89	75-119	66.3673	1.00	2,105	139,713	140	26,601	12.07
2029	D1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,105	131,864	132	25,107	11.39
2029	D1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,158	148,347	148	28,245	12.81
2029	D1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,105	14,128	14	2,690	1.22
2029	D1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	D1	Building Construction	Welders	46	25-49	34.3022	1.00	1,053	36,106	36	6,874	3.12
2030	D1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2030	D1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2030	D1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	D1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2030	D1	Paving	Concrete Saw	81	75-119	60.4017	1.00	451	27,212	27	4,857	2.20
2030	D1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	150	8,735	9	1,559	0.71
2029	D4	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	976	58,971	59	11,228	5.09
2029	D4	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	217	10,354	10	1,971	0.89
2029	D4	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	293	2,839	3	541	0.25
2029	D4	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Pumps	84	75-119	62.6388	1.00	76	4,757	5	906	0.41
2029	D4	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	D4	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	D4	Building Construction	Cranes	231	175-299	172.2567	1.00	4,602	792,678	793	150,926	68.46
2029	D4	Building Construction	Forklifts	89	75-119	66.3673	1.00	4,545	301,634	302	57,431	26.05
2029	D4	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,272	142,344	142	27,102	12.29

2029	D4	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	10,226	480,411	480	91,470	41.49
2029	D4	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	6,817	45,753	46	8,711	3.95
2029	D4	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	D4	Building Construction	Welders	46	25-49	34.3022	1.00	1,704	58,463	58	11,131	5.05
2031	D4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2031	D4	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2031	D4	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2031	D4	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2031	D4	Paving	Concrete Saw	81	75-119	60.4017	1.00	732	44,229	44	7,377	3.35
2031	D4	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	163	9,465	9	1,579	0.72
2023	D5-D6	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	326	19,682	20	5,153	2.34
2023	D5-D6	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	109	5,184	5	1,357	0.62
2023	D5-D6	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	98	948	1	248	0.11
2023	D5-D6	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Pumps	84	75-119	62.6388	1.00	76	4,763	5	1,247	0.57
2023	D5-D6	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2023	D5-D6	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2023	D5-D6	Building Construction	Cranes	231	175-299	172.2567	1.00	1,536	264,545	265	69,258	31.41
2023	D5-D6	Building Construction	Forklifts	89	75-119	66.3673	1.00	2,275	150,999	151	39,532	17.93
2023	D5-D6	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,275	142,516	143	37,311	16.92
2023	D5-D6	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,413	160,330	160	41,974	19.04
2023	D5-D6	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,275	15,270	15	3,998	1.81
2023	D5-D6	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	D5-D6	Building Construction	Welders	46	25-49	34.3022	1.00	1,138	39,022	39	10,216	4.63
2023	D5-D6	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2023	D5-D6	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2023	D5-D6	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D5-D6	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D5-D6	Paving	Concrete Saw	81	75-119	60.4017	1.00	489	29,523	30	7,729	3.51
2025	D5-D6	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	163	9,477	9	2,255	1.02
2025	D7	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	676	40,855	41	9,723	4.41
2025	D7	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	113	5,380	5	1,280	0.58
2025	D7	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00

2025	D7	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	203	1,967	2	468	0.21
2025	D7	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Pumps	84	75-119	62.6388	1.00	158	9,886	10	2,353	1.07
2025	D7	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2025	D7	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	D7	Building Construction	Cranes	231	175-299	172.2567	1.00	3,183	548,225	548	130,478	59.18
2025	D7	Building Construction	Forklifts	89	75-119	66.3673	1.00	4,715	312,920	313	74,475	33.78
2025	D7	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,357	147,670	148	35,145	15.94
2025	D7	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	10,609	498,387	498	118,616	53.80
2025	D7	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,357	15,822	16	3,766	1.71
2025	D7	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	D7	Building Construction	Welders	46	25-49	34.3022	1.00	3,536	121,300	121	28,869	13.09
2027	D7	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	D7	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	D7	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	D7	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	D7	Paving	Concrete Saw	81	75-119	60.4017	1.00	507	30,641	31	6,563	2.98
2027	D7	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	169	9,835	10	2,107	0.96
2023	D8-D13	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	651	39,339	39	10,299	4.67
2023	D8-D13	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	217	10,361	10	2,712	1.23
2023	D8-D13	Site Preparation	Excavator (Small 150 HP)	150	120-174	111.855	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	195	1,894	2	496	0.22
2023	D8-D13	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Trench Roller (25 HP)	25	25-49	18.6425	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2023	D8-D13	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2023	D8-D13	Building Construction	Cranes (220 HP mobile crane)	220	175-299	164.054	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Forklifts	89	75-119	66.3673	1.00	13,334	884,968	885	231,685	105.09
2023	D8-D13	Building Construction	Generator Sets	84	75-119	62.6388	1.00	4,445	278,417	278	72,890	33.06
2023	D8-D13	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	33,336	1,566,095	1,566	410,004	185.97
2023	D8-D13	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	13,334	89,491	89	23,429	10.63
2023	D8-D13	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	D8-D13	Building Construction	Welders	46	25-49	34.3022	1.00	2,222	76,233	76	19,958	9.05
2027	D8-D13	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	D8-D13	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	D8-D13	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	D8-D13	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00

2027	D8-D13	Paving	Concrete Saw	81	75-119	60.4017	1.00	977	59,009	59	12,640	5.73
2027	D8-D13	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	326	18,941	19	4,057	1.84
2024	E1.1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	789	47,639	48	11,905	5.40
2024	E1.1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	175	8,365	8	2,090	0.95
2024	E1.1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	237	2,294	2	573	0.26
2024	E1.1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Pumps	84	75-119	62.6388	1.00	61	3,843	4	960	0.44
2024	E1.1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	E1.1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	E1.1	Building Construction	Cranes	231	175-299	172.2567	1.00	3,757	647,250	647	161,748	73.37
2024	E1.1	Building Construction	Forklifts	89	75-119	66.3673	1.00	3,711	246,295	246	61,549	27.92
2024	E1.1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	1,856	116,229	116	29,046	13.17
2024	E1.1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	13,917	653,788	654	163,382	74.11
2024	E1.1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	5,567	37,359	37	9,336	4.23
2024	E1.1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	E1.1	Building Construction	Welders	46	25-49	34.3022	1.00	3,711	127,298	127	31,812	14.43
2025	E1.1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	E1.1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	E1.1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	E1.1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	E1.1	Paving	Concrete Saw	81	75-119	60.4017	1.00	592	35,730	36	8,504	3.86
2025	E1.1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	131	7,646	8	1,820	0.83
2023	E1.2	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,354	81,809	82	21,418	9.71
2023	E1.2	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	339	16,160	16	4,231	1.92
2023	E1.2	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	305	2,954	3	773	0.35
2023	E1.2	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Pumps	84	75-119	62.6388	1.00	237	14,847	15	3,887	1.76
2023	E1.2	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2023	E1.2	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2023	E1.2	Building Construction	Cranes	231	175-299	172.2567	1.00	7,966	1,372,157	1,372	359,231	162.94
2023	E1.2	Building Construction	Forklifts	89	75-119	66.3673	1.00	9,441	626,568	627	164,035	74.41
2023	E1.2	Building Construction	Generator Sets	84	75-119	62.6388	1.00	7,081	443,526	444	116,115	52.67
2023	E1.2	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00

2023	E1.2	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	28,323	1,330,577	1,331	348,345	158.01
2023	E1.2	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	7,081	47,521	48	12,441	5.64
2023	E1.2	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2023	E1.2	Building Construction	Welders	46	25-49	34.3022	1.00	3,540	121,442	121	31,793	14.42
2025	E1.2	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	E1.2	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	E1.2	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	E1.2	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	E1.2	Paving	Concrete Saw	81	75-119	60.4017	1.00	762	46,018	46	10,952	4.97
2025	E1.2	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	847	49,237	49	11,718	5.32
2024	F1-F2	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,402	84,692	85	21,165	9.60
2024	F1-F2	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	421	4,078	4	1,019	0.46
2024	F1-F2	Site Preparation	Pumps	84	75-119	62.6388	1.00	409	25,617	26	6,402	2.90
2024	F1-F2	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	351	16,729	17	4,181	1.90
2024	F1-F2	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	F1-F2	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	36,597	1,719,274	1,719	429,647	194.88
2024	F1-F2	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	7,319	49,122	49	12,276	5.57
2024	F1-F2	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Cranes	231	175-299	172.2567	1.00	11,528	1,985,761	1,986	496,242	225.09
2024	F1-F2	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Forklifts	89	75-119	66.3673	1.00	17,078	1,133,447	1,133	283,248	128.48
2024	F1-F2	Building Construction	Generator Sets	84	75-119	62.6388	1.00	9,759	611,297	611	152,763	69.29
2024	F1-F2	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	F1-F2	Building Construction	Welders	46	25-49	34.3022	1.00	1,830	62,767	63	15,686	7.11
2026	F1-F2	Paving	Concrete Saw	81	75-119	60.4017	1.00	1,052	63,519	64	14,362	6.51
2026	F1-F2	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	F1-F2	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	F1-F2	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	F1-F2	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	F1-F2	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	876	50,972	51	11,525	5.23
2025	F3	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	300	18,141	18	4,318	1.96
2025	F3	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	F3	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	90	873	1	208	0.09
2025	F3	Site Preparation	Pumps	84	75-119	62.6388	1.00	70	4,390	4	1,045	0.47
2025	F3	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00

2025	F3	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	100	4,778	5	1,137	0.52
2025	F3	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	F3	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,158	148,347	148	35,306	16.01
2025	F3	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,105	14,128	14	3,363	1.53
2025	F3	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Cranes	231	175-299	172.2567	1.00	1,421	244,772	245	58,256	26.42
2025	F3	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Forklifts	89	75-119	66.3673	1.00	2,105	139,713	140	33,252	15.08
2025	F3	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,105	131,864	132	31,384	14.24
2025	F3	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	F3	Building Construction	Welders	46	25-49	34.3022	1.00	1,053	36,106	36	8,593	3.90
2027	F3	Paving	Concrete Saw	81	75-119	60.4017	1.00	451	27,212	27	5,829	2.64
2027	F3	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	F3	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	F3	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	F3	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	F3	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	150	8,735	9	1,871	0.85
2024	F4	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	351	21,173	21	5,291	2.40
2024	F4	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	F4	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	105	1,019	1	255	0.12
2024	F4	Site Preparation	Pumps	84	75-119	62.6388	1.00	82	5,123	5	1,280	0.58
2024	F4	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	117	5,576	6	1,394	0.63
2024	F4	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	F4	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	10,979	515,782	516	128,894	58.47
2024	F4	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,440	16,374	16	4,092	1.86
2024	F4	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Cranes	231	175-299	172.2567	1.00	3,294	567,360	567	141,783	64.31
2024	F4	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Forklifts	89	75-119	66.3673	1.00	4,880	323,842	324	80,928	36.71
2024	F4	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,440	152,824	153	38,191	17.32
2024	F4	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	F4	Building Construction	Welders	46	25-49	34.3022	1.00	1,220	41,845	42	10,457	4.74
2026	F4	Paving	Concrete Saw	81	75-119	60.4017	1.00	526	31,760	32	7,181	3.26
2026	F4	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	F4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	F4	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	F4	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00

2026	F4	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	175	10,194	10	2,305	1.05
2022	F5	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	413	24,950	25	6,829	3.10
2022	F5	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2022	F5	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	124	1,201	1	329	0.15
2022	F5	Site Preparation	Pumps	84	75-119	62.6388	1.00	96	6,037	6	1,652	0.75
2022	F5	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	138	6,571	7	1,799	0.82
2022	F5	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2022	F5	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	4,285	201,307	201	55,098	24.99
2022	F5	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,857	19,172	19	5,247	2.38
2022	F5	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Cranes	231	175-299	172.2567	1.00	1,928	332,156	332	90,911	41.24
2022	F5	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Forklifts	89	75-119	66.3673	1.00	2,857	189,591	190	51,891	23.54
2022	F5	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,857	178,939	179	48,976	22.22
2022	F5	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2022	F5	Building Construction	Welders	46	25-49	34.3022	1.00	1,428	48,995	49	13,410	6.08
2025	F5	Paving	Concrete Saw	81	75-119	60.4017	1.00	620	37,426	37	8,907	4.04
2025	F5	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F5	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	F5	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	F5	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	F5	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	207	12,013	12	2,859	1.30
2022	F6	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	326	19,682	20	5,387	2.44
2022	F6	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2022	F6	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	98	948	1	259	0.12
2022	F6	Site Preparation	Pumps	84	75-119	62.6388	1.00	76	4,763	5	1,304	0.59
2022	F6	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	109	5,184	5	1,419	0.64
2022	F6	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2022	F6	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,413	160,330	160	43,882	19.90
2022	F6	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,275	15,270	15	4,179	1.90
2022	F6	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Cranes	231	175-299	172.2567	1.00	1,536	264,545	265	72,406	32.84
2022	F6	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00

2022	F6	Building Construction	Forklifts	89	75-119	66.3673	1.00	2,275	150,999	151	41,328	18.75
2022	F6	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,275	142,516	143	39,007	17.69
2022	F6	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2022	F6	Building Construction	Welders	46	25-49	34.3022	1.00	1,138	39,022	39	10,680	4.84
2025	F6	Paving	Concrete Saw	81	75-119	60.4017	1.00	489	29,523	30	7,026	3.19
2025	F6	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	F6	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	F6	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	F6	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	F6	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	163	9,477	9	2,255	1.02
2025	G1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	675	40,756	41	9,700	4.40
2025	G1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	G1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	101	981	1	234	0.11
2025	G1	Site Preparation	Pumps	84	75-119	62.6388	1.00	79	4,931	5	1,174	0.53
2025	G1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	112	5,367	5	1,277	0.58
2025	G1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	G1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	7,056	331,485	331	78,893	35.79
2025	G1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,352	15,785	16	3,757	1.70
2025	G1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Cranes	231	175-299	172.2567	1.00	6,350	1,093,899	1,094	260,348	118.09
2025	G1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Forklifts	89	75-119	66.3673	1.00	4,704	312,192	312	74,302	33.70
2025	G1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,352	147,326	147	35,064	15.90
2025	G1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	G1	Building Construction	Welders	46	25-49	34.3022	1.00	1,764	60,509	61	14,401	6.53
2027	G1	Paving	Concrete Saw	81	75-119	60.4017	1.00	506	30,567	31	6,547	2.97
2027	G1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	G1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	G1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	G1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	G1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	169	9,812	10	2,102	0.95
2024	H1	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	676	40,855	41	10,210	4.63
2024	H1	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	H1	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	101	984	1	246	0.11
2024	H1	Site Preparation	Pumps	84	75-119	62.6388	1.00	79	4,943	5	1,235	0.56
2024	H1	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00

2024	H1	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	113	5,380	5	1,344	0.61
2024	H1	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	H1	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	7,072	332,258	332	83,031	37.66
2024	H1	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,357	15,822	16	3,954	1.79
2024	H1	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Cranes	231	175-299	172.2567	1.00	3,183	548,225	548	137,001	62.14
2024	H1	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Forklifts	89	75-119	66.3673	1.00	4,715	312,920	313	78,199	35.47
2024	H1	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,357	147,670	148	36,903	16.74
2024	H1	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	H1	Building Construction	Welders	46	25-49	34.3022	1.00	1,768	60,650	61	15,156	6.87
2026	H1	Paving	Concrete Saw	81	75-119	60.4017	1.00	507	30,641	31	6,928	3.14
2026	H1	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	H1	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	H1	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	H1	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	H1	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	169	9,835	10	2,224	1.01
2029	H2	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	288	17,371	17	3,307	1.50
2029	H2	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2029	H2	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	86	836	1	159	0.07
2029	H2	Site Preparation	Pumps	84	75-119	62.6388	1.00	67	4,203	4	800	0.36
2029	H2	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	96	4,575	5	871	0.40
2029	H2	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	H2	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	3,030	142,355	142	27,104	12.29
2029	H2	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,020	13,558	14	2,581	1.17
2029	H2	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Cranes	231	175-299	172.2567	1.00	1,364	234,885	235	44,722	20.29
2029	H2	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Forklifts	89	75-119	66.3673	1.00	2,020	134,070	134	25,527	11.58
2029	H2	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,020	126,538	127	24,093	10.93
2029	H2	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2029	H2	Building Construction	Welders	46	25-49	34.3022	1.00	1,010	34,647	35	6,597	2.99
2030	H2	Paving	Concrete Saw	81	75-119	60.4017	1.00	431	26,056	26	4,651	2.11
2030	H2	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2030	H2	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2030	H2	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2030	H2	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2030	H2	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	144	8,364	8	1,493	0.68

2025	H3	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	1,816	109,717	110	26,113	11.84
2025	H3	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	H3	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	327	3,170	3	754	0.34
2025	H3	Site Preparation	Pumps	84	75-119	62.6388	1.00	254	15,929	16	3,791	1.72
2025	H3	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	363	17,338	17	4,126	1.87
2025	H3	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	H3	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	22,723	1,067,515	1,068	254,069	115.24
2025	H3	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	12,624	84,723	85	20,164	9.15
2025	H3	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Cranes	231	175-299	172.2567	1.00	6,817	1,174,267	1,174	279,476	126.77
2025	H3	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Forklifts	89	75-119	66.3673	1.00	10,099	670,257	670	159,521	72.36
2025	H3	Building Construction	Generator Sets	84	75-119	62.6388	1.00	7,574	474,451	474	112,919	51.22
2025	H3	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	H3	Building Construction	Welders	46	25-49	34.3022	1.00	1,894	64,955	65	15,459	7.01
2027	H3	Paving	Concrete Saw	81	75-119	60.4017	1.00	545	32,915	33	7,050	3.20
2027	H3	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	H3	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	H3	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	H3	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	H3	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	727	42,261	42	9,052	4.11
2027	H4	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	288	17,396	17	3,726	1.69
2027	H4	Site Preparation	Excavator	158	120-174	117.8206	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2027	H4	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	86	838	1	179	0.08
2027	H4	Site Preparation	Pumps	84	75-119	62.6388	1.00	67	4,209	4	902	0.41
2027	H4	Site Preparation	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	96	4,582	5	981	0.45
2027	H4	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	H4	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	9,103	427,644	428	91,601	41.55
2027	H4	Building Construction	Cement and Mortar Mixers	9	<25	6.7113	1.00	2,023	13,576	14	2,908	1.32
2027	H4	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Cranes	231	175-299	172.2567	1.00	2,731	470,408	470	100,761	45.70
2027	H4	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Forklifts	89	75-119	66.3673	1.00	4,046	268,503	269	57,513	26.09

2027	H4	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,023	126,709	127	27,141	12.31
2027	H4	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2027	H4	Building Construction	Welders	46	25-49	34.3022	1.00	1,011	34,694	35	7,432	3.37
2028	H4	Paving	Concrete Saw	81	75-119	60.4017	1.00	432	26,094	26	5,279	2.39
2028	H4	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2028	H4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2028	H4	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2028	H4	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2028	H4	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	144	8,376	8	1,694	0.77
2024	150 SM	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	601	36,282	36	9,067	4.11
2024	150 SM	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	100	4,778	5	1,194	0.54
2024	150 SM	Site Preparation	Excavator (Small 150 HP)	150	120-174	111.855	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	90	873	1	218	0.10
2024	150 SM	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Trench Roller (25 HP)	25	25-49	18.6425	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	150 SM	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	150 SM	Building Construction	Cranes (220 HP mobile crane)	220	175-299	164.054	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Forklifts	89	75-119	66.3673	1.00	2,105	139,713	140	34,914	15.84
2024	150 SM	Building Construction	Generator Sets	84	75-119	62.6388	1.00	2,105	131,864	132	32,953	14.95
2024	150 SM	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	9,473	445,040	445	111,215	50.45
2024	150 SM	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	4,210	28,256	28	7,061	3.20
2024	150 SM	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	150 SM	Building Construction	Welders	46	25-49	34.3022	1.00	1,053	36,106	36	9,023	4.09
2026	150 SM	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2026	150 SM	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2026	150 SM	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2026	150 SM	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2026	150 SM	Paving	Concrete Saw	81	75-119	60.4017	1.00	451	27,212	27	6,153	2.79
2026	150 SM	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	150	8,735	9	1,975	0.90
2024	40 SM	Site Preparation	Concrete/Industrial Saws	81	75-119	60.4017	1.00	526	31,760	32	7,937	3.60
2024	40 SM	Site Preparation	Rubber Tired Dozers	247	175-299	184.1879	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Sweepers/Scrubbers	64	50-74	47.7248	1.00	88	4,182	4	1,045	0.47
2024	40 SM	Site Preparation	Excavator (Small 150 HP)	150	120-174	111.855	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Water Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Surfacing Equipment	263	175-299	196.1191	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2024	40 SM	Site Preparation	Pressure Washer	13	<25	9.6941	1.00	79	765	1	191	0.09
2024	40 SM	Site Preparation	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00

2024	40 SM	Site Preparation	Trench Roller (25 HP)	25	25-49	18.6425	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Skid-Steer Loaders	65	50-74	48.4705	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	40 SM	Site Preparation	Plate Compactors	8	<25	5.9656	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Cranes (220 HP mobile crane)	220	175-299	164.054	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Forklifts	89	75-119	66.3673	1.00	1,856	123,147	123	30,775	13.96
2024	40 SM	Building Construction	Generator Sets	84	75-119	62.6388	1.00	1,856	116,229	116	29,046	13.17
2024	40 SM	Building Construction	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Aerial Lifts	63	50-74	46.9791	1.00	8,350	392,273	392	98,029	44.47
2024	40 SM	Building Construction	Excavators	158	120-174	117.8206	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	3,711	24,906	25	6,224	2.82
2024	40 SM	Building Construction	Concrete Pumps	84	75-119	62.6388	1.00	0	0	0	0	0.00
2024	40 SM	Building Construction	Welders	46	25-49	34.3022	1.00	928	31,825	32	7,953	3.61
2025	40 SM	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	40 SM	Paving	Rollers	80	75-119	59.656	1.00	0	0	0	0	0.00
2025	40 SM	Paving	Off-Highway Trucks	402	300-599	299.7714	1.00	0	0	0	0	0.00
2025	40 SM	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	40 SM	Paving	Concrete Saw	81	75-119	60.4017	1.00	394	23,820	24	5,669	2.57
2025	40 SM	Arc. Coating	Air Compressors	78	75-119	58.1646	1.00	131	7,646	8	1,820	0.83
2025	LTA B1-1	Paving	Concrete/Industrial Saws	81	75-119	60.4017	1.00	13	777	1	185	0.08
2025	LTA B1-1	Paving	Cement and Mortar Mixers	9	<25	6.7113	1.00	34	230	0	55	0.02
2025	LTA B1-1	Paving	Sweepers/Scrubbers	64	50-74	47.7248	1.00	9	409	0	97	0.04
2025	LTA B1-1	Paving	Pressure Washer	13	<25	9.6941	1.00	8	75	0	18	0.01
2025	LTA B1-2	Paving	Concrete/Industrial Saws	81	75-119	60.4017	1.00	13	777	1	185	0.08
2025	LTA B1-2	Paving	Cement and Mortar Mixers	9	<25	6.7113	1.00	34	230	0	55	0.02
2025	LTA B1-2	Paving	Sweepers/Scrubbers	64	50-74	47.7248	1.00	9	409	0	97	0.04
2025	LTA B1-2	Paving	Pressure Washer	13	<25	9.6941	1.00	8	75	0	18	0.01
2025	LTA B1-3	Paving	Pile Drivers	470	300-599	350.479	0.50	0	0	0	0	0.00
2025	LTA B1-3	Paving	Generator Sets	84	75-119	62.6388	1.00	192	12,027	12	2,862	1.30
2025	LTA B1-3	Paving	Cranes (220 HP mobile crane)	220	175-299	164.054	1.00	0	0	0	0	0.00
2025	LTA B1-3	Paving	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	116	779	1	185	0.08
2025	LTA B1-4	Paving	Tractors/Loaders/Backhoes	97	75-119	72.3329	1.00	0	0	0	0	0.00
2025	LTA B1-4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	LTA B1-4	Paving	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	69	460	0	110	0.05
2025	LTA B1-4	Paving	Generator Sets	84	75-119	62.6388	1.00	69	4,295	4	1,022	0.46
2025	LTA B1-4	Paving	Excavator (Small 150 HP)	150	120-174	111.855	1.00	0	0	0	0	0.00
2025	LTA B1-4	Paving	Pavers	130	120-174	96.941	1.00	0	0	0	0	0.00
2025	LTA B1-4	Paving	Cement and Mortar Mixers - E	9	<25	6.7113	1.00	69	460	0	110	0.05
2025	LTA B1-4	Paving	Generator Sets	84	75-119	62.6388	1.00	69	4,295	4	1,022	0.46
2021	Excavation	1	E - Excavators	270	175-299	201.339	0.38	0	0	0	0	0.00
2021	Excavation	1	E - Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2021	Excavation	1	E - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2021	Excavation	1	E - Pressure Washers	13	<25	9.6941	0.30	2,538	7,381	7	2,108	0.96
2021	Excavation	1	E - Pumps	84	75-119	62.6388	0.74	19,740	915,003	915	261,325	118.53
2021	Excavation	1	E - Bore/Drill Rigs	350	300-599	260.995	0.50	0	0	0	0	0.00
2021	Excavation	1	E - Ground anchoring	215	175-299	160.3255	0.30	0	0	0	0	0.00
2021	Excavation	1	lobile Concrete Pump - Tier 4 D	350	300-599	260.995	0.40	0	0	0	0	0.00
2021	Excavation	1	E - Tractors/Loaders/Backhoes	103	75-119	76.8071	0.37	0	0	0	0	0.00
2021	Excavation	1	E - Aerial Lifts	63	50-74	46.9791	0.31	5,640	82,138	82	23,459	10.64
2021	Excavation	1	E - Air Compressors	78	75-119	58.1646	0.48	5,640	157,463	157	44,971	20.40
2021	Excavation	1	E - Generator Sets	84	75-119	62.6388	0.74	16,920	784,288	784	223,993	101.60

2021	Excavation	1	E - Sweepers/Scrubbers	64	50-74	47.7248	0.46	7,520	165,090	165	47,150	21.39
2021	Excavation	1	ER- Graders	187	175-299	139.4459	0.41	0	0	0	0	0.00
2021	Excavation	1	ER -Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2021	Excavation	1	ER -Excavators	270	175-299	201.339	0.20	0	0	0	0	0.00
2021	Excavation	1	ER -Trenchers	78	75-119	58.1646	0.50	0	0	0	0	0.00
2021	Excavation	1	ER - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2021	Excavation	1	ER - Skid Steer Loaders	103	75-119	76.8071	0.37	0	0	0	0	0.00
2021	Excavation	1	ER - Pressure Washers	13	<25	9.6941	0.30	846	2,460	2	703	0.32
2021	Excavation	1	ER - Plate Compactors	8	<25	5.9656	0.43	0	0	0	0	0.00
2025	Excavation	2a	E - Excavators	270	175-299	201.339	0.38	0	0	0	0	0.00
2025	Excavation	2a	E - Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2025	Excavation	2a	E - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2025	Excavation	2a	E - Pressure Washers	13	<25	9.6941	0.30	570	1,658	2	395	0.18
2025	Excavation	2a	E - Pumps	84	75-119	62.6388	0.74	4,435	205,567	206	48,925	22.19
2025	Excavation	2a	E - Bore/Drill Rigs	350	300-599	260.995	0.50	0	0	0	0	0.00
2025	Excavation	2a	E - Ground anchoring	215	175-299	160.3255	0.30	0	0	0	0	0.00
2025	Excavation	2a	lobile Concrete Pump - Tier 4 D	350	300-599	260.995	0.40	0	0	0	0	0.00
2025	Excavation	2a	E - Tractors/Loaders/Backhoes	103	75-119	76.8071	0.37	0	0	0	0	0.00
2025	Excavation	2a	E - Aerial Lifts	63	50-74	46.9791	0.31	1,267	18,453	18	4,392	1.99
2025	Excavation	2a	E - Air Compressors	78	75-119	58.1646	0.48	1,267	35,376	35	8,420	3.82
2025	Excavation	2a	E - Generator Sets	84	75-119	62.6388	0.74	3,801	176,201	176	41,936	19.02
2025	Excavation	2a	E - Sweepers/Scrubbers	64	50-74	47.7248	0.46	1,689	37,090	37	8,827	4.00
2025	Excavation	2a	ER- Graders	187	175-299	139.4459	0.41	0	0	0	0	0.00
2025	Excavation	2a	ER -Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2025	Excavation	2a	ER -Excavators	270	175-299	201.339	0.20	0	0	0	0	0.00
2025	Excavation	2a	ER -Trenchers	78	75-119	58.1646	0.50	0	0	0	0	0.00
2025	Excavation	2a	ER - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2025	Excavation	2a	ER - Skid Steer Loaders	103	75-119	76.8071	0.37	0	0	0	0	0.00
2025	Excavation	2a	ER - Pressure Washers	13	<25	9.6941	0.30	494	1,437	1	342	0.16
2025	Excavation	2a	ER - Plate Compactors	8	<25	5.9656	0.43	0	0	0	0	0.00
2029	Excavation	2b	E - Excavators	270	175-299	201.339	0.38	0	0	0	0	0.00
2029	Excavation	2b	E - Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2029	Excavation	2b	E - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2029	Excavation	2b	E - Pressure Washers	13	<25	9.6941	0.30	449	1,306	1	249	0.11
2029	Excavation	2b	E - Pumps	84	75-119	62.6388	0.74	3,493	161,932	162	30,832	13.99
2029	Excavation	2b	E - Bore/Drill Rigs	350	300-599	260.995	0.50	0	0	0	0	0.00
2029	Excavation	2b	E - Ground anchoring	215	175-299	160.3255	0.30	0	0	0	0	0.00
2029	Excavation	2b	lobile Concrete Pump - Tier 4 D	350	300-599	260.995	0.40	0	0	0	0	0.00
2029	Excavation	2b	E - Tractors/Loaders/Backhoes	103	75-119	76.8071	0.37	0	0	0	0	0.00
2029	Excavation	2b	E - Aerial Lifts	63	50-74	46.9791	0.31	998	14,536	15	2,768	1.26
2029	Excavation	2b	E - Air Compressors	78	75-119	58.1646	0.48	998	27,867	28	5,306	2.41
2029	Excavation	2b	E - Generator Sets	84	75-119	62.6388	0.74	2,994	138,799	139	26,427	11.99
2029	Excavation	2b	E - Sweepers/Scrubbers	64	50-74	47.7248	0.46	1,331	29,217	29	5,563	2.52
2029	Excavation	2b	ER- Graders	187	175-299	139.4459	0.41	0	0	0	0	0.00
2029	Excavation	2b	ER -Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2029	Excavation	2b	ER -Excavators	270	175-299	201.339	0.20	0	0	0	0	0.00
2029	Excavation	2b	ER -Trenchers	78	75-119	58.1646	0.50	0	0	0	0	0.00
2029	Excavation	2b	ER - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2029	Excavation	2b	ER - Skid Steer Loaders	103	75-119	76.8071	0.37	0	0	0	0	0.00
2029	Excavation	2b	ER - Pressure Washers	13	<25	9.6941	0.30	283	822	1	156	0.07
2029	Excavation	2b	ER - Plate Compactors	8	<25	5.9656	0.43	0	0	0	0	0.00
2030	Excavation	3	E - Excavators	270	175-299	201.339	0.38	0	0	0	0	0.00

2030	Excavation	3	E - Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2030	Excavation	3	E - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2030	Excavation	3	E - Pressure Washers	13	<25	9.6941	0.30	944	2,744	3	490	0.22
2030	Excavation	3	E - Pumps	84	75-119	62.6388	0.74	7,340	340,211	340	60,728	27.55
2030	Excavation	3	E - Bore/Drill Rigs	350	300-599	260.995	0.50	0	0	0	0	0.00
2030	Excavation	3	E - Ground anchoring	215	175-299	160.3255	0.30	0	0	0	0	0.00
2030	Excavation	3	lobile Concrete Pump - Tier 4 D	350	300-599	260.995	0.40	0	0	0	0	0.00
2030	Excavation	3	E - Tractors/Loaders/Backhoes	103	75-119	76.8071	0.37	0	0	0	0	0.00
2030	Excavation	3	E - Aerial Lifts	63	50-74	46.9791	0.31	2,097	30,540	31	5,451	2.47
2030	Excavation	3	E - Air Compressors	78	75-119	58.1646	0.48	2,097	58,547	59	10,451	4.74
2030	Excavation	3	E - Generator Sets	84	75-119	62.6388	0.74	6,291	291,609	292	52,052	23.61
2030	Excavation	3	E - Sweepers/Scrubbers	64	50-74	47.7248	0.46	2,796	61,383	61	10,957	4.97
2030	Excavation	3	ER- Graders	187	175-299	139.4459	0.41	0	0	0	0	0.00
2030	Excavation	3	ER -Rubber Tired Dozers	170	120-174	126.769	0.40	0	0	0	0	0.00
2030	Excavation	3	ER -Excavators	270	175-299	201.339	0.20	0	0	0	0	0.00
2030	Excavation	3	ER -Trenchers	78	75-119	58.1646	0.50	0	0	0	0	0.00
2030	Excavation	3	ER - Off-Highway Trucks	300	300-599	223.71	0.38	0	0	0	0	0.00
2030	Excavation	3	ER - Skid Steer Loaders	103	75-119	76.8071	0.37	0	0	0	0	0.00
2030	Excavation	3	ER - Pressure Washers	13	<25	9.6941	0.30	584	1,699	2	303	0.14
2030	Excavation	3	ER - Plate Compactors	8	<25	5.9656	0.43	0	0	0	0	0.00

CalEEMod Default Emission Factors by Tier and Horsepower Class (g/bhp-hr)

Tier	HP	ROG	NO_x	CO	SO_2	PM10	PM2.5
Tier 3	<25						
	25-49	0.29	4.63	4.1	0.1234	0.28	0.28
	50-74	0.12	2.74	3.7	0.005	0.192	0.192
	75-119	0.12	2.74	3.7	0.006	0.192	0.192
	120-174	0.12	2.32	3.7	0.005	0.112	0.112
	175-299	0.12	2.32	2.6	0.005	0.088	0.088
	300-599	0.12	2.32	2.6	0.005	0.088	0.088
	600-750	0.12	2.32	2.6		0.088	0.088
	751-2000	0.12	2.32	2.6		0.088	0.088
Tier 3 w/DPF	<25						
	25-49	0.29	4.63	4.1	0.1234	0.042	0.042
	50-74	0.12	2.74	3.7	0.005	0.0288	0.0288
	75-119	0.12	2.74	3.7	0.006	0.0288	0.0288
	120-174	0.12	2.32	3.7	0.005	0.0168	0.0168
	175-299	0.12	2.32	2.6	0.005	0.0132	0.0132
	300-599	0.12	2.32	2.6	0.005	0.0132	0.0132
	600-750	0.12	2.32	2.6		0.0132	0.0132
	751-2000	0.12	2.32	2.6		0.0132	0.0132
Tier 4 Interim	<25						
	25-49	0.12	4.55	4.1	0.1234	0.128	0.128
	50-74	0.12	2.74	3.7	0.005	0.112	0.112
	75-119	0.11	2.14	3.7	0.006	0.008	0.008
	120-174	0.06	2.15	3.7	0.005	0.008	0.008
	175-299	0.08	1.29	2.6	0.005	0.008	0.008
	300-599	0.08	1.29	2.6	0.005	0.008	0.008
	600-750	0.08	1.29	2.6		0.008	0.008
	751-2000	0.12	2.24	2.6		0.048	0.048
Tier 4 Final	<25						
	25-49	0.12	2.75	4.1	0.1234	0.008	0.008
	50-74	0.12	2.74	3.7	0.005	0.008	0.008
	75-119	0.06	0.26	3.7	0.006	0.008	0.008
	120-174	0.06	0.26	3.7	0.005	0.008	0.008
	175-299	0.06	0.26	2.6	0.005	0.008	0.008
	300-599	0.06	0.26	2.6	0.005	0.008	0.008
	600-750	0.06	0.26	2.6		0.008	0.008
	751-2000	0.06	2.24	2.6		0.016	0.016

Load Factors

Equipment	LF	HP
Aerial Lifts	1	63
Air Compressors	1	78
Bore/Drill Rigs	0.5	470
Cement and Mortar Mixers	1	9
Cement and Mortar Mixers - E	1	9
Concrete/Industrial Saws	1	81
Concrete Saw	1	81
Concrete Pumps	1	84
Cranes	1	231
Cranes (220 HP mobile crane)	1	220
crawler tractor	1	212
crushing/Proc. Equipment	1	85
Dumpers/Tenders	1	16
Excavator	1	158
Excavator (Small 150 HP)	1	150
Excavators	1	158
Forklifts	1	89
Generator Sets	1	84
Graders	1	187
Off-Highway Tractors	1	124
Off-Highway Trucks	1	402
Other Construction Equipment	1	172
Other General Industrial Equipment	1	88
Other Material Handling Equipment	1	168
Pavers	1	130
Paving Equipment	1	132
Pile Drivers	0.5	470
Plate Compactors	1	8
Pressure Washer	1	13
Pumps	1	84
Rollers	1	80
Rough Terraine Forklifts	1	100
Rubber Tired Dozers	1	247
Rubber Tired Loaders	1	203
Scrappers	1	367
Signal Boards	1	6
Skid-Steer Loaders	1	65
Surfacing Equipment	1	263
Sweepers/Scrubbers	1	64
Tractors/Loaders/Backhoes	1	97
Trench Roller (25 HP)	1	25
Trenchers	1	78
Water Trucks	1	402
Welders	1	46
E - Excavators	0.38	270
E - Rubber Tired Dozers	0.4	170
E - Off-Highway Trucks	0.38	300

E - Pressure Washers	0.3	13	
E - Pumps	0.74	84	
E - Bore/Drill Rigs	0.5	350	470
E - Ground anchoring	0.3	215	
E - Mobile Concrete Pump - Tier 4 Diesel	0.4	350	
E - Tractors/Loaders/Backhoes	0.37	103	
E - Aerial Lifts	0.31	63	
E - Air Compressors	0.48	78	
E - Generator Sets	0.74	84	
E - Sweepers/Scrubbers	0.46	64	
ER- Graders	0.41	187	
ER -Rubber Tired Dozers	0.4	170	
ER -Excavators	0.2	270	
ER -Trenchers	0.5	78	
ER - Off-Highway Trucks	0.38	300	
ER - Skid Steer Loaders	0.37	103	
ER - Pressure Washers	0.3	13	
ER - Plate Compactors	0.43	8	

	HP	ROG	CO	Nox	SO2	PM10	PM2.5	CO2	CH4	% T3	%T3/DPF	%T4I	%T4F
Aerial Lifts	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	515.3354	0.132909091	1.00%	1.00%	3.00%	95.00%
Air Compressors	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2991	0.070590909	1.00%	1.00%	3.00%	95.00%
Cement and Mortar Mixers	<25	0.661	3.47	4.142	0.008	0.161	0.161	568.299	0.059				
Cement and Mortar Mixers - E	<25	0.661	3.47	4.142	0.008	0.161	0.161	568.299	0.059				
Concrete Pumps	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2992	0.059045455	1.00%	1.00%	3.00%	95.00%
Concrete Saw	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2992	0.062727273	1.00%	1.00%	3.00%	95.00%
Concrete/Industrial Saws	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2992	0.062727273	1.00%	1.00%	3.00%	95.00%
Cranes	175-299	0.06	2.6	0.26	0.005	0.008	0.008	516.7826	0.130363636	0.00%	0.00%	0.00%	100.00%
Cranes (220 HP mobile crane)	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	516.7826	0.130363636	1.00%	1.00%	3.00%	95.00%
Excavator	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	515.4982	0.130909091	1.00%	1.00%	3.00%	95.00%
Excavators	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	515.4982	0.130909091	1.00%	1.00%	3.00%	95.00%
Excavator (Small 150 HP)	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	515.4982	0.130909091	1.00%	1.00%	3.00%	95.00%
Forklifts	75-119	0.06	3.7	0.26	0.005	0.008	0.008	514.8884	0.137818182	0.00%	0.00%	0.00%	100.00%
Generator Sets	75-119	0.06	3.7	0.26	0.006	0.008	0.008	568.299	0.056681818	0.00%	0.00%	0.00%	100.00%
Off-Highway Trucks	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	517.7957	0.128136364	1.00%	1.00%	3.00%	95.00%
Pavers	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	515.7403	0.131909091	1.00%	1.00%	3.00%	95.00%
Pile Drivers	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	515.3473	0.128272727	1.00%	1.00%	3.00%	95.00%
Plate Compactors	<25	3.89994	3.469	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				
Pressure Washer	<25	3.89994	3.546	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				
Pumps	75-119	0.25191		0.69		0.05964	0.05952	697.1326	0.445797731	0.00%	0.00%	0.00%	100.00%
Rollers	75-119	0.0627	3.7	0.366	0.005	0.010048	0.010048	516.8355	0.138	1.00%	1.00%	3.00%	95.00%
Rubber Tired Dozers	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	516.8355	0.138	1.00%	1.00%	3.00%	95.00%
Skid-Steer Loaders	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	515.5436	0.135	1.00%	1.00%	3.00%	95.00%
Surfacing Equipment	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	515.5436	0.135	1.00%	1.00%	3.00%	95.00%
Sweepers/Scrubbers	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	516.8631	0.136909091	1.00%	1.00%	3.00%	95.00%
Tractors/Loaders/Backhoes	75-119	0.0627	3.7	0.366	0.005	0.010048	0.010048	519.2025	0.138136364	1.00%	1.00%	3.00%	95.00%
Trench Roller (25 HP)	25-49	0.1234	0.1234	0.1234	0.1234	0.1234	0.1234	557.6449	0.152727273	1.00%	1.00%	3.00%	95.00%
Water Trucks	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	517.7957	0.128136364	1.00%	1.00%	3.00%	95.00%
Welders	25-49	0.1234	0.1234	0.1234	0.1234	0.1234	0.1234	568.2992	0.142545455	1.00%	1.00%	3.00%	95.00%
E - Excavators	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	568.2992	0.142545455	1.00%	1.00%	3.00%	95.00%
E - Rubber Tired Dozers	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	516.3967	0.134227273	1.00%	1.00%	3.00%	95.00%
E - Off-Highway Trucks	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	517.7957	0.128136364	1.00%	1.00%	3.00%	95.00%
E - Pressure Washers	<25	3.89994	3.546	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				
E - Pumps	75-119	0.06	3.7	0.26	0.006	0.008	0.008	568.2992	0.059045455	0.00%	0.00%	0.00%	100.00%
E - Bore/Drill Rigs	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	509.5728	0.119772727	1.00%	1.00%	3.00%	95.00%
E - Ground anchoring	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	509.5728	0.119772727	1.00%	1.00%	3.00%	95.00%
E - Mobile Concrete Pump - Tier 4 Diesel	300-599	0.06	2.6	0.26	0.005	0.008	0.008	568.2993	0.028	0.00%	0.00%	0.00%	100.00%
E - Tractors/Loaders/Backhoes	75-119	0.0627	3.663	0.366	0.005	0.010048	0.010048	519.2025	0.138136364	1.00%	1.00%	3.00%	95.00%
E - Aerial Lifts	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	515.3354	0.132909091	1.00%	1.00%	3.00%	95.00%
E - Air Compressors	75-119	0.0627	3.7	0.366	0.006	0.010048	0.010048	568.2991	0.070590909	1.00%	1.00%	3.00%	95.00%
E - Generator Sets	75-119	0.06	3.737	0.26	0.006	0.008	0.008	568.299	0.056681818	0.00%	0.00%	0.00%	100.00%
E - Sweepers/Scrubbers	50-74	0.12	3.7	2.74	0.005	0.013168	0.013168	516.8631	0.136909091	1.00%	1.00%	3.00%	95.00%
ER- Graders	175-299	0.0618	2.574	0.3321	0.005	0.008852	0.008852	516.8631	0.136909091	1.00%	1.00%	3.00%	95.00%
ER -Rubber Tired Dozers	120-174	0.0612	3.7	0.3579	0.005	0.009128	0.009128	516.3967	0.134227273	1.00%	1.00%	3.00%	95.00%
ER -Excavators	175-299	0.0618	2.6	0.3321	0.005	0.008852	0.008852	516.3967	0.134227273	1.00%	1.00%	3.00%	95.00%
ER -Trenchers	75-119	0.0627	3.7	0.366	0.005	0.010048	0.010048	518.0317	0.140272727	1.00%	1.00%	3.00%	95.00%
ER - Off-Highway Trucks	300-599	0.0618	2.6	0.3321	0.005	0.008852	0.008852	517.7957	0.128136364	1.00%	1.00%	3.00%	95.00%
ER - Skid Steer Loaders	75-119	0.0627	3.7	0.366	0.005	0.010048	0.010048	515.5436	0.135	1.00%	1.00%	3.00%	95.00%
ER - Pressure Washers	<25	3.89994	3.546	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				
ER - Plate Compactors	<25	3.89994	3.469	1.04	0.008	0.17892	0.17856	1326.568	0.848305186				

Pressure Washer:	Fuel is gasoline. Emission factors determined on "<25 hp" tab
Plate Compactor:	Fuel is gasoline. Emission factors determined on "<25 hp" tab
Pump:	Fuel is gasoline. Emission factors determined on ">25 hp gasoline" tab

				Usage Hours				Equipment Usage Dates		Duration					
Block #	Phase	Equipment	#	Weekday	Saturday	EQ Tier	Start Year	Start	End	Total Days per Machine	Working days (Mon-Sat)	Total Number of Hours	Total Number of Hours - Diesel Equipment	Total numer of electric hours	HP (CalEEMod Default)
A1	Site Preparation	Concrete/Industrial Saws	4	6.0	6.0	Electric-N/A	2027	April 1, 2027	June 13, 2027	73 days	63 days	1,504 hrs	0 hrs	1,504 hrs	75-119
A1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
A1	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2027	April 1, 2027	June 13, 2027	73 days	63 days	376 hrs	0 hrs	376 hrs	50-74
A1	Site Preparation	Excavator	4	6.0	6.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	1,504 hrs	1,504 hrs	0 hrs	120-174
A1	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	752 hrs	752 hrs	0 hrs	300-599
A1	Site Preparation	Tractors/Loaders/Backhoes	4	6.0	6.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	1,504 hrs	1,504 hrs	0 hrs	75-119
A1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
A1	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	1,128 hrs	1,128 hrs	0 hrs	300-599
A1	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	376 hrs	38 hrs	338 hrs	<25
A1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	0 hrs	0 hrs	0 hrs	120-174
A1	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	251 hrs	251 hrs	0 hrs	75-119
A1	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	251 hrs	251 hrs	0 hrs	50-74
A1	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	376 hrs	113 hrs	263 hrs	75-119
A1	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	376 hrs	376 hrs	0 hrs	<25
A1	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2027	April 1, 2027	June 13, 2027	73 days	63 days	752 hrs	752 hrs	0 hrs	300-599
A1	Building Construction	Cranes	6	3.0	3.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	11,744 hrs	1,174 hrs	10,570 hrs	175-299
A1	Building Construction	Forklifts	5	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	13,049 hrs	0 hrs	13,049 hrs	75-119
A1	Building Construction	Generator Sets	3	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	7,829 hrs	0 hrs	7,829 hrs	75-119
A1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	0 hrs	0 hrs	0 hrs	75-119
A1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	0 hrs	0 hrs	0 hrs	300-599
A1	Building Construction	Aerial Lifts	8	6.0	6.0	Electric-N/A	2027	June 13, 2027	July 13, 2029	761 days	652 days	31,318 hrs	0 hrs	31,318 hrs	50-74
A1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	0 hrs	0 hrs	0 hrs	120-174
A1	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	7,829 hrs	0 hrs	7,829 hrs	<25
A1	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2027	June 13, 2027	July 13, 2029	761 days	652 days	5,220 hrs	5,220 hrs	0 hrs	75-119
A1	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2027	June 13, 2027	July 13, 2029	761 days	652 days	1,957 hrs	0 hrs	1,957 hrs	25-49
A1	Paving	Pavers	3	5.0	5.0	Diesel-Tier 4f	2029	July 13, 2029	September 6, 2029	55 days	47 days	705 hrs	705 hrs	0 hrs	120-174
A1	Paving	Rollers	3	5.0	5.0	Diesel-Tier 4f	2029	July 13, 2029	September 6, 2029	55 days	47 days	705 hrs	705 hrs	0 hrs	75-119
A1	Paving	Off-Highway Trucks	3	4.0	4.0	Diesel-Tier 4f	2029	July 13, 2029	September 6, 2029	55 days	47 days	564 hrs	564 hrs	0 hrs	300-599
A1	Paving	Tractors/Loaders/Backhoes	3	5.0	5.0	Diesel-Tier 4f	2029	July 13, 2029	September 6, 2029	55 days	47 days	705 hrs	705 hrs	0 hrs	75-119
A1	Paving	Concrete Saw	3	6.0	6.0	Electric-N/A	2029	July 13, 2029	September 6, 2029	55 days	47 days	846 hrs	0 hrs	846 hrs	75-119
A1	Arc. Coating	Air Compressors	5	4.0	4.0	Electric-N/A	2029	September 6, 2029	October 31, 2029	55 days	47 days	940 hrs	0 hrs	940 hrs	75-119
B1	Site Preparation	Concrete/Industrial Saws	4	6.0	6.0	Electric-N/A	2026	October 1, 2026	December 10, 2026	71 days	60 days	1,452 hrs	0 hrs	1,452 hrs	75-119
B1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	0 hrs	0 hrs	0 hrs	175-299
B1	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2026	October 1, 2026	December 10, 2026	71 days	60 days	363 hrs	0 hrs	363 hrs	50-74
B1	Site Preparation	Excavator	4	3.0	3.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	726 hrs	726 hrs	0 hrs	120-174
B1	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	726 hrs	726 hrs	0 hrs	300-599
B1	Site Preparation	Tractors/Loaders/Backhoes	4	3.0	3.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	726 hrs	726 hrs	0 hrs	75-119
B1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	0 hrs	0 hrs	0 hrs	175-299
B1	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	1,089 hrs	1,089 hrs	0 hrs	300-599
B1	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	363 hrs	36 hrs	327 hrs	<25
B1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	0 hrs	0 hrs	0 hrs	120-174
B1	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	242 hrs	242 hrs	0 hrs	75-119
B1	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	242 hrs	242 hrs	0 hrs	50-74
B1	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	363 hrs	109 hrs	254 hrs	75-119
B1	Site Preparation	Plate Compactors	2	2.0	2.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	242 hrs	242 hrs	0 hrs	<25
B1	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2026	October 1, 2026	December 10, 2026	71 days	60 days	726 hrs	726 hrs	0 hrs	300-599
B1	Building Construction	Cranes	5	3.0	3.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	9,458 hrs	946 hrs	8,512 hrs	175-299
B1	Building Construction	Forklifts	3	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	7,566 hrs	0 hrs	7,566 hrs	75-119
B1	Building Construction	Generator Sets	2	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	5,044 hrs	0 hrs	5,044 hrs	75-119
B1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	0 hrs	0 hrs	0 hrs	75-119
B1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	0 hrs	0 hrs	0 hrs	300-599
B1	Building Construction	Aerial Lifts	5	6.0	6.0	Electric-N/A	2026	December 10, 2026	December 15, 2028	736 days	631 days	18,915 hrs	0 hrs	18,915 hrs	50-74
B1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	0 hrs	0 hrs	0 hrs	120-174
B1	Building Construction	Cement and Mortar Mixers	2	4.0	4.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	5,044 hrs	0 hrs	5,044 hrs	<25
B1	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2026	December 10, 2026	December 15, 2028	736 days	631 days	5,044 hrs	5,044 hrs	0 hrs	75-119
B1	Building Construction	Welders	8	1.00	1.00	Electric-N/A	2026	December 10, 2026	December 15, 2028	736 days	631 days	5,044 hrs	0 hrs	5,044 hrs	25-49
B1	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2028	December 15, 2028	February 6, 2029	53 days	45 days	181 hrs	181 hrs	0 hrs	120-174
B1	Paving	Rollers	2	2.0	2.0	Diesel-Tier 4f	2028	December 15, 2028	February 6, 2029	53 days	45 days	181 hrs	181 hrs	0 hrs	75-119
B1	Paving	Off-Highway Trucks	2	4.0	4.0	Diesel-Tier 4f	2028	December 15, 2028	February 6, 2029	53 days	45 days	363 hrs	363 hrs	0 hrs	300-599
B1	Paving	Tractors/Loaders/Backhoes	2	5.0	5.0	Diesel-Tier 4f	2028	December 15, 2028	February 6, 2029	53 days	45 days	454 hrs	454 hrs	0 hrs	75-119
B1	Paving	Concrete Saw	4	6.0	6.0	Electric-N/A	2028	December 15, 2028	February 6, 2029	53 days	45 days	1,089 hrs	0 hrs	1,089 hrs	75-119

B1	Arc. Coating	Air Compressors	2	4.0	4.0	Electric-N/A	2029	February 6, 2029	March 31, 2029	53 days	45 days	363 hrs	0 hrs	363 hrs	75-119
C1	Site Preparation	Concrete/Industrial Saws	6	6.0	6.0	Electric-N/A	2029	September 1, 2029	November 12, 2029	73 days	63 days	2,251 hrs	0 hrs	2,251 hrs	75-119
C1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
C1	Site Preparation	Sweepers/Scrubbers	5	2.0	2.0	Electric-N/A	2029	September 1, 2029	November 12, 2029	73 days	63 days	625 hrs	0 hrs	625 hrs	50-74
C1	Site Preparation	Excavator	4	6.0	6.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	1,501 hrs	1,501 hrs	0 hrs	120-174
C1	Site Preparation	Water Trucks	3	6.0	6.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	1,126 hrs	1,126 hrs	0 hrs	300-599
C1	Site Preparation	Tractors/Loaders/Backhoes	5	6.0	6.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	1,876 hrs	1,876 hrs	0 hrs	75-119
C1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
C1	Site Preparation	Off-Highway Trucks	4	6.0	6.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	1,501 hrs	1,501 hrs	0 hrs	300-599
C1	Site Preparation	Pressure Washer	4	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	500 hrs	50 hrs	450 hrs	<25
C1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	120-174
C1	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	75-119
C1	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	50-74
C1	Site Preparation	Pumps	5	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	625 hrs	188 hrs	438 hrs	75-119
C1	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	375 hrs	375 hrs	0 hrs	<25
C1	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2029	September 1, 2029	November 12, 2029	73 days	63 days	750 hrs	750 hrs	0 hrs	300-599
C1	Building Construction	Cranes	6	3.0	3.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	11,720 hrs	1,172 hrs	10,548 hrs	175-299
C1	Building Construction	Forklifts	6	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	15,626 hrs	0 hrs	15,626 hrs	75-119
C1	Building Construction	Generator Sets	4	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	10,417 hrs	0 hrs	10,417 hrs	75-119
C1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	0 hrs	0 hrs	0 hrs	75-119
C1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	0 hrs	0 hrs	0 hrs	300-599
C1	Building Construction	Aerial Lifts	8	6.0	6.0	Electric-N/A	2029	November 12, 2029	December 12, 2031	760 days	651 days	31,252 hrs	0 hrs	31,252 hrs	50-74
C1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	0 hrs	0 hrs	0 hrs	120-174
C1	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	7,813 hrs	0 hrs	7,813 hrs	<25
C1	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2029	November 12, 2029	December 12, 2031	760 days	651 days	5,209 hrs	5,209 hrs	0 hrs	75-119
C1	Building Construction	Welders	6	1.00	1.00	Electric-N/A	2029	November 12, 2029	December 12, 2031	760 days	651 days	3,907 hrs	0 hrs	3,907 hrs	25-49
C1	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2031	November 12, 2029	December 12, 2031	760 days	651 days	7,813 hrs	0 hrs	7,813 hrs	75-119
C1	Paving	Off-Highway Trucks	2	4.0	4.0	Diesel-Tier 4f	2031	December 12, 2031	February 5, 2032	55 days	47 days	375 hrs	375 hrs	0 hrs	300-599
C1	Paving	Pavers	2	5.0	5.0	Diesel-Tier 4f	2031	December 12, 2031	February 5, 2032	55 days	47 days	469 hrs	469 hrs	0 hrs	120-174
C1	Paving	Rollers	2	5.0	5.0	Diesel-Tier 4f	2031	December 12, 2031	February 5, 2032	55 days	47 days	469 hrs	469 hrs	0 hrs	75-119
C1	Paving	Tractors/Loaders/Backhoes	2	5.0	5.0	Diesel-Tier 4f	2031	December 12, 2031	February 5, 2032	55 days	47 days	469 hrs	469 hrs	0 hrs	75-119
C1	Arc. Coating	Air Compressors	5	4.0	4.0	Electric-N/A	2032	February 5, 2032	March 31, 2032	55 days	47 days	938 hrs	0 hrs	938 hrs	75-119
C2	Site Preparation	Concrete/Industrial Saws	6	6.0	6.0	Electric-N/A	2029	April 1, 2029	June 13, 2029	73 days	63 days	2,254 hrs	0 hrs	2,254 hrs	75-119
C2	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
C2	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2029	April 1, 2029	June 13, 2029	73 days	63 days	376 hrs	0 hrs	376 hrs	50-74
C2	Site Preparation	Excavator	5	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	939 hrs	939 hrs	0 hrs	120-174
C2	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	751 hrs	751 hrs	0 hrs	300-599
C2	Site Preparation	Tractors/Loaders/Backhoes	4	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	751 hrs	751 hrs	0 hrs	75-119
C2	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	175-299
C2	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	1,127 hrs	1,127 hrs	0 hrs	300-599
C2	Site Preparation	Pressure Washer	4	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	501 hrs	50 hrs	451 hrs	<25
C2	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	0 hrs	0 hrs	0 hrs	120-174
C2	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	75-119
C2	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	50-74
C2	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	376 hrs	113 hrs	263 hrs	75-119
C2	Site Preparation	Plate Compactors	2	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	250 hrs	250 hrs	0 hrs	<25
C2	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2029	April 1, 2029	June 13, 2029	73 days	63 days	751 hrs	751 hrs	0 hrs	300-599
C2	Building Construction	Cranes	6	3.0	3.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	12,195 hrs	1,219 hrs	10,975 hrs	175-299
C2	Building Construction	Forklifts	3	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	8,130 hrs	0 hrs	8,130 hrs	75-119
C2	Building Construction	Generator Sets	2	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	5,420 hrs	0 hrs	5,420 hrs	75-119
C2	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	0 hrs	0 hrs	0 hrs	75-119
C2	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	0 hrs	0 hrs	0 hrs	300-599
C2	Building Construction	Aerial Lifts	5	6.0	6.0	Electric-N/A	2029	June 13, 2029	July 13, 2031	790 days	677 days	20,325 hrs	0 hrs	20,325 hrs	50-74
C2	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	0 hrs	0 hrs	0 hrs	120-174
C2	Building Construction	Cement and Mortar Mixers	2	4.0	4.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	5,420 hrs	0 hrs	5,420 hrs	<25
C2	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2029	June 13, 2029	July 13, 2031	790 days	677 days	5,420 hrs	5,420 hrs	0 hrs	75-119
C2	Building Construction	Welders	8	1.00	1.00	Electric-N/A	2029	June 13, 2029	July 13, 2031	790 days	677 days	5,420 hrs	0 hrs	5,420 hrs	25-49
C2	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2031	July 13, 2031	September 6, 2031	57 days	49 days	196 hrs	196 hrs	0 hrs	120-174
C2	Paving	Rollers	2	2.0	2.0	Diesel-Tier 4f	2031	July 13, 2031	September 6, 2031	57 days	49 days	196 hrs	196 hrs	0 hrs	75-119
C2	Paving	Off-Highway Trucks	2	4.0	4.0	Diesel-Tier 4f	2031	July 13, 2031	September 6, 2031	57 days	49 days	391 hrs	391 hrs	0 hrs	300-599
C2	Paving	Tractors/Loaders/Backhoes	2	5.0	5.0	Diesel-Tier 4f	2031	July 13, 2031	September 6, 2031	57 days	49 days	489 hrs	489 hrs	0 hrs	75-119
C2	Paving	Concrete Saw	4	6.0	6.0	Electric-N/A	2031	July 13, 2031	September 6, 2031	57 days	49 days	1,174 hrs	0 hrs	1,174 hrs	75-119
C2	Arc. Coating	Air Compressors	2	4.0	4.0	Electric-N/A	2031	September 6, 2031	October 31, 2031	57 days	49 days	391 hrs	0 hrs	391 hrs	75-119
C3	Site Preparation	Concrete/Industrial Saws	1	3.0	3.0	Electric-N/A	2030	January 1, 2030	February 28, 2030	58 days	50 days	150 hrs	0 hrs	150 hrs	75-119
C3	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
C3	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	0 hrs	100 hrs	50-74
C3	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	300 hrs	300 hrs	0 hrs	120-174
C3	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
C3	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	150 hrs	150 hrs	0 hrs	75-119
C3	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
C3	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	600 hrs	600 hrs	0 hrs	300-599
C3	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	10 hrs	90 hrs	<25
C3	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	0 hrs	0 hrs	0 hrs	120-174
C3	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	100 hrs	0 hrs	75-119
C3	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	100 hrs	0 hrs	50-74

C3	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	30 hrs	70 hrs	75-119
C3	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
C3	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2030	January 1, 2030	February 28, 2030	58 days	50 days	200 hrs	200 hrs	0 hrs	300-599
C3	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	1,577 hrs	158 hrs	1,419 hrs	175-299
C3	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	2,102 hrs	0 hrs	2,102 hrs	75-119
C3	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	2,102 hrs	0 hrs	2,102 hrs	75-119
C3	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	0 hrs	0 hrs	0 hrs	75-119
C3	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	0 hrs	0 hrs	0 hrs	300-599
C3	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2030	February 28, 2030	November 3, 2031	613 days	526 days	3,154 hrs	0 hrs	3,154 hrs	50-74
C3	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	0 hrs	0 hrs	0 hrs	120-174
C3	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	2,102 hrs	0 hrs	2,102 hrs	<25
C3	Building Construction	Concrete Pumps	3	2.0	2.0	Diesel-Tier 4f	2030	February 28, 2030	November 3, 2031	613 days	526 days	3,154 hrs	3,154 hrs	0 hrs	75-119
C3	Building Construction	Welders	1	1.00	1.00	Electric-N/A	2030	February 28, 2030	November 3, 2031	613 days	526 days	526 hrs	0 hrs	526 hrs	25-49
C3	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2031	November 3, 2031	December 17, 2031	44 days	37 days	75 hrs	75 hrs	0 hrs	120-174
C3	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2031	November 3, 2031	December 17, 2031	44 days	37 days	75 hrs	75 hrs	0 hrs	75-119
C3	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2031	November 3, 2031	December 17, 2031	44 days	37 days	150 hrs	150 hrs	0 hrs	300-599
C3	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2031	November 3, 2031	December 17, 2031	44 days	37 days	187 hrs	187 hrs	0 hrs	75-119
C3	Paving	Concrete Saw	1	6.0	6.0	Electric-N/A	2031	November 3, 2031	December 17, 2031	44 days	37 days	225 hrs	0 hrs	225 hrs	75-119
C3	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2031	December 17, 2031	January 30, 2032	44 days	37 days	150 hrs	0 hrs	150 hrs	75-119
D1	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2029	January 1, 2029	February 28, 2029	58 days	50 days	300 hrs	0 hrs	300 hrs	75-119
D1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
D1	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	0 hrs	100 hrs	50-74
D1	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	300 hrs	300 hrs	0 hrs	120-174
D1	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
D1	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	150 hrs	150 hrs	0 hrs	75-119
D1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
D1	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
D1	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	10 hrs	90 hrs	<25
D1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	0 hrs	0 hrs	0 hrs	120-174
D1	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	100 hrs	0 hrs	75-119
D1	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	100 hrs	0 hrs	50-74
D1	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	30 hrs	70 hrs	75-119
D1	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
D1	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2029	January 1, 2029	February 28, 2029	58 days	50 days	200 hrs	200 hrs	0 hrs	300-599
D1	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	1,579 hrs	158 hrs	1,421 hrs	175-299
D1	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	2,105 hrs	0 hrs	2,105 hrs	75-119
D1	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	2,105 hrs	0 hrs	2,105 hrs	75-119
D1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	0 hrs	0 hrs	0 hrs	75-119
D1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	0 hrs	0 hrs	0 hrs	300-599
D1	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2029	February 28, 2029	November 4, 2030	614 days	526 days	3,158 hrs	0 hrs	3,158 hrs	50-74
D1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	0 hrs	0 hrs	0 hrs	120-174
D1	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	2,105 hrs	0 hrs	2,105 hrs	<25
D1	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2029	February 28, 2029	November 4, 2030	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
D1	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2029	February 28, 2029	November 4, 2030	614 days	526 days	1,053 hrs	0 hrs	1,053 hrs	25-49
D1	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2030	November 4, 2030	December 18, 2030	44 days	38 days	75 hrs	75 hrs	0 hrs	120-174
D1	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2030	November 4, 2030	December 18, 2030	44 days	38 days	75 hrs	75 hrs	0 hrs	75-119
D1	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2030	November 4, 2030	December 18, 2030	44 days	38 days	150 hrs	150 hrs	0 hrs	300-599
D1	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2030	November 4, 2030	December 18, 2030	44 days	38 days	188 hrs	188 hrs	0 hrs	75-119
D1	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2030	November 4, 2030	December 18, 2030	44 days	38 days	451 hrs	0 hrs	451 hrs	75-119
D1	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2030	December 18, 2030	January 31, 2031	44 days	38 days	150 hrs	0 hrs	150 hrs	75-119
D4	Site Preparation	Concrete/Industrial Saws	3	6.0	6.0	Electric-N/A	2029	April 1, 2029	June 3, 2029	63 days	54 days	976 hrs	0 hrs	976 hrs	75-119
D4	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
D4	Site Preparation	Sweepers/Scrubbers	2	2.0	2.0	Electric-N/A	2029	April 1, 2029	June 3, 2029	63 days	54 days	217 hrs	0 hrs	217 hrs	50-74
D4	Site Preparation	Excavator	4	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	651 hrs	651 hrs	0 hrs	120-174
D4	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	651 hrs	651 hrs	0 hrs	300-599
D4	Site Preparation	Tractors/Loaders/Backhoes	3	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	488 hrs	488 hrs	0 hrs	75-119
D4	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
D4	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	976 hrs	976 hrs	0 hrs	300-599
D4	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	325 hrs	33 hrs	293 hrs	<25
D4	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	0 hrs	0 hrs	0 hrs	120-174
D4	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	108 hrs	108 hrs	0 hrs	75-119
D4	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	108 hrs	108 hrs	0 hrs	50-74
D4	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	108 hrs	33 hrs	76 hrs	75-119
D4	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	108 hrs	108 hrs	0 hrs	<25
D4	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2029	April 1, 2029	June 3, 2029	63 days	54 days	651 hrs	651 hrs	0 hrs	300-599
D4	Building Construction	Cranes	3	3.0	3.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	5,113 hrs	511 hrs	4,602 hrs	175-299
D4	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	4,545 hrs	0 hrs	4,545 hrs	75-119
D4	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	2,272 hrs	0 hrs	2,272 hrs	75-119
D4	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	0 hrs	0 hrs	0 hrs	75-119
D4	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	0 hrs	0 hrs	0 hrs	300-599
D4	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2029	June 3, 2029	March 28, 2031	663 days	568 days	10,226 hrs	0 hrs	10,226 hrs	50-74
D4	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	0 hrs	0 hrs	0 hrs	120-174
D4	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	6,817 hrs	0 hrs	6,817 hrs	<25
D4	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2029	June 3, 2029	March 28, 2031	663 days	568 days	2,272 hrs	2,272 hrs	0 hrs	75-119
D4	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2029	June 3, 2029	March 28, 2031	663 days	568 days	1,704 hrs	0 hrs	1,704 hrs	25-49

D4	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2031	March 28, 2031	May 14, 2031	47 days	41 days	163 hrs	163 hrs	0 hrs	120-174
D4	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2031	March 28, 2031	May 14, 2031	47 days	41 days	81 hrs	81 hrs	0 hrs	75-119
D4	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2031	March 28, 2031	May 14, 2031	47 days	41 days	163 hrs	163 hrs	0 hrs	300-599
D4	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2031	March 28, 2031	May 14, 2031	47 days	41 days	203 hrs	203 hrs	0 hrs	75-119
D4	Paving	Concrete Saw	3	6.0	6.0	Electric-N/A	2031	March 28, 2031	May 14, 2031	47 days	41 days	732 hrs	0 hrs	732 hrs	75-119
D4	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2031	May 14, 2031	July 1, 2031	47 days	41 days	163 hrs	0 hrs	163 hrs	75-119
D5-D6	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2023	October 1, 2023	December 3, 2023	63 days	54 days	326 hrs	0 hrs	326 hrs	75-119
D5-D6	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
D5-D6	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	0 hrs	109 hrs	50-74
D5-D6	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	163 hrs	163 hrs	0 hrs	120-174
D5-D6	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	326 hrs	326 hrs	0 hrs	300-599
D5-D6	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	163 hrs	163 hrs	0 hrs	75-119
D5-D6	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
D5-D6	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	326 hrs	326 hrs	0 hrs	300-599
D5-D6	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	11 hrs	98 hrs	<25
D5-D6	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	0 hrs	0 hrs	0 hrs	120-174
D5-D6	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	109 hrs	0 hrs	75-119
D5-D6	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	109 hrs	0 hrs	50-74
D5-D6	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	33 hrs	76 hrs	75-119
D5-D6	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	109 hrs	109 hrs	0 hrs	<25
D5-D6	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2023	October 1, 2023	December 3, 2023	63 days	54 days	217 hrs	217 hrs	0 hrs	300-599
D5-D6	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	1,706 hrs	171 hrs	1,536 hrs	175-299
D5-D6	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	2,275 hrs	0 hrs	2,275 hrs	75-119
D5-D6	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	2,275 hrs	0 hrs	2,275 hrs	75-119
D5-D6	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	0 hrs	0 hrs	0 hrs	75-119
D5-D6	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	0 hrs	0 hrs	0 hrs	300-599
D5-D6	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2023	December 3, 2023	September 26, 2025	664 days	569 days	3,413 hrs	0 hrs	3,413 hrs	50-74
D5-D6	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	0 hrs	0 hrs	0 hrs	120-174
D5-D6	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	2,275 hrs	0 hrs	2,275 hrs	<25
D5-D6	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2023	December 3, 2023	September 26, 2025	664 days	569 days	2,275 hrs	2,275 hrs	0 hrs	75-119
D5-D6	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2023	December 3, 2023	September 26, 2025	664 days	569 days	1,138 hrs	0 hrs	1,138 hrs	25-49
D5-D6	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2023	September 26, 2025	November 13, 2025	48 days	41 days	81 hrs	81 hrs	0 hrs	120-174
D5-D6	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2023	September 26, 2025	November 13, 2025	48 days	41 days	81 hrs	81 hrs	0 hrs	75-119
D5-D6	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2023	September 26, 2025	November 13, 2025	48 days	41 days	163 hrs	163 hrs	0 hrs	300-599
D5-D6	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2023	September 26, 2025	November 13, 2025	48 days	41 days	204 hrs	204 hrs	0 hrs	75-119
D5-D6	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2023	September 26, 2025	November 13, 2025	48 days	41 days	489 hrs	0 hrs	489 hrs	75-119
D5-D6	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	November 13, 2025	December 31, 2025	48 days	41 days	163 hrs	0 hrs	163 hrs	75-119
D7	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2025	July 1, 2025	September 4, 2025	66 days	56 days	676 hrs	0 hrs	676 hrs	75-119
D7	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
D7	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	July 1, 2025	September 4, 2025	66 days	56 days	113 hrs	0 hrs	113 hrs	50-74
D7	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	338 hrs	338 hrs	0 hrs	120-174
D7	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	338 hrs	338 hrs	0 hrs	300-599
D7	Site Preparation	Tractors/Loaders/Backhoes	2	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	338 hrs	338 hrs	0 hrs	75-119
D7	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
D7	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	676 hrs	676 hrs	0 hrs	300-599
D7	Site Preparation	Pressure Washer	2	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	225 hrs	23 hrs	203 hrs	<25
D7	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	120-174
D7	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	113 hrs	113 hrs	0 hrs	75-119
D7	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	113 hrs	113 hrs	0 hrs	50-74
D7	Site Preparation	Pumps	2	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	225 hrs	68 hrs	158 hrs	75-119
D7	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	113 hrs	113 hrs	0 hrs	<25
D7	Site Preparation	Pile Drivers	2	4.0	4.0	Diesel-Tier 4f	2025	July 1, 2025	September 4, 2025	66 days	56 days	451 hrs	451 hrs	0 hrs	300-599
D7	Building Construction	Cranes	2	3.0	3.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	3,536 hrs	354 hrs	3,183 hrs	175-299
D7	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	4,715 hrs	0 hrs	4,715 hrs	75-119
D7	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	2,357 hrs	0 hrs	2,357 hrs	75-119
D7	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	0 hrs	0 hrs	0 hrs	75-119
D7	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	0 hrs	0 hrs	0 hrs	300-599
D7	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2025	September 4, 2025	July 24, 2027	688 days	589 days	10,609 hrs	0 hrs	10,609 hrs	50-74
D7	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	0 hrs	0 hrs	0 hrs	120-174
D7	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	2,357 hrs	0 hrs	2,357 hrs	<25
D7	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2025	September 4, 2025	July 24, 2027	688 days	589 days	2,357 hrs	2,357 hrs	0 hrs	75-119
D7	Building Construction	Welders	6	1.00	1.00	Electric-N/A	2025	September 4, 2025	July 24, 2027	688 days	589 days	3,536 hrs	0 hrs	3,536 hrs	25-49
D7	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2027	July 24, 2027	September 11, 2027	49 days	42 days	85 hrs	85 hrs	0 hrs	120-174
D7	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	July 24, 2027	September 11, 2027	49 days	42 days	85 hrs	85 hrs	0 hrs	75-119
D7	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2027	July 24, 2027	September 11, 2027	49 days	42 days	169 hrs	169 hrs	0 hrs	300-599
D7	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2027	July 24, 2027	September 11, 2027	49 days	42 days	211 hrs	211 hrs	0 hrs	75-119
D7	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	July 24, 2027	September 11, 2027	49 days	42 days	507 hrs	0 hrs	507 hrs	75-119
D7	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2027	September 11, 2027	October 31, 2027	49 days	42 days	169 hrs	0 hrs	169 hrs	75-119
D8-D13	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2023	June 1, 2023	October 5, 2023	127 days	109 days	651 hrs	0 hrs	651 hrs	75-119
D8-D13	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	175-299
D8-D13	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2023	June 1, 2023	October 5, 2023	127 days	109 days	217 hrs	0 hrs	217 hrs	50-74
D8-D13	Site Preparation	Excavator (Small 150 HP)	3	6.0	6.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	1,954 hrs	1,954 hrs	0 hrs	120-174
D8-D13	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	651 hrs	651 hrs	0 hrs	300-599
D8-D13	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	326 hrs	326 hrs	0 hrs	75-119
D8-D13	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	175-299

D8-D13	Site Preparation	Off-Highway Trucks	0	6.0	6.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	300-599
D8-D13	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	217 hrs	22 hrs	195 hrs	<25
D8-D13	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	120-174
D8-D13	Site Preparation	Trench Roller (25 HP)	3	4.0	4.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	1,303 hrs	1,303 hrs	0 hrs	25-49
D8-D13	Site Preparation	Skid-Steer Loaders	3	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	651 hrs	651 hrs	0 hrs	50-74
D8-D13	Site Preparation	Pumps	0	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	75-119
D8-D13	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	651 hrs	651 hrs	0 hrs	<25
D8-D13	Site Preparation	Pile Drivers	0	4.0	4.0	Diesel-Tier 4f	2023	June 1, 2023	October 5, 2023	127 days	109 days	0 hrs	0 hrs	0 hrs	300-599
D8-D13	Building Construction	Cranes (220 HP mobile crane)	2	2.0	2.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	4,445 hrs	4,445 hrs	0 hrs	175-299
D8-D13	Building Construction	Forklifts	3	4.0	4.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	13,334 hrs	0 hrs	13,334 hrs	75-119
D8-D13	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	4,445 hrs	0 hrs	4,445 hrs	75-119
D8-D13	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	0 hrs	0 hrs	0 hrs	75-119
D8-D13	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	0 hrs	0 hrs	0 hrs	300-599
D8-D13	Building Construction	Aerial Lifts	5	6.0	6.0	Electric-N/A	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	33,336 hrs	0 hrs	33,336 hrs	50-74
D8-D13	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	0 hrs	0 hrs	0 hrs	120-174
D8-D13	Building Construction	Cement and Mortar Mixers - E	3	4.0	4.0	Electric-N/A	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	13,334 hrs	0 hrs	13,334 hrs	<25
D8-D13	Building Construction	Concrete Pumps	2	1.0	1.0	Diesel-Tier 4f	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	2,222 hrs	2,222 hrs	0 hrs	75-119
D8-D13	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2023	October 5, 2023	April 24, 2027	1,296 days	1,111 days	2,222 hrs	0 hrs	2,222 hrs	25-49
D8-D13	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2027	April 24, 2027	July 28, 2027	95 days	81 days	163 hrs	163 hrs	0 hrs	120-174
D8-D13	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	April 24, 2027	July 28, 2027	95 days	81 days	163 hrs	163 hrs	0 hrs	75-119
D8-D13	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2027	April 24, 2027	July 28, 2027	95 days	81 days	326 hrs	326 hrs	0 hrs	300-599
D8-D13	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2027	April 24, 2027	July 28, 2027	95 days	81 days	407 hrs	407 hrs	0 hrs	75-119
D8-D13	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	April 24, 2027	July 28, 2027	95 days	81 days	977 hrs	0 hrs	977 hrs	75-119
D8-D13	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2027	July 28, 2027	October 31, 2027	95 days	81 days	326 hrs	0 hrs	326 hrs	75-119
E1.1	Site Preparation	Concrete/Industrial Saws	3	6.0	6.0	Electric-N/A	2024	January 1, 2024	February 21, 2024	51 days	44 days	789 hrs	0 hrs	789 hrs	75-119
E1.1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	175-299
E1.1	Site Preparation	Sweepers/Scrubbers	2	2.0	2.0	Electric-N/A	2024	January 1, 2024	February 21, 2024	51 days	44 days	175 hrs	0 hrs	175 hrs	50-74
E1.1	Site Preparation	Excavator	4	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	526 hrs	0 hrs	120-174
E1.1	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	526 hrs	0 hrs	300-599
E1.1	Site Preparation	Tractors/Loaders/Backhoes	3	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	394 hrs	394 hrs	0 hrs	75-119
E1.1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	175-299
E1.1	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	789 hrs	789 hrs	0 hrs	300-599
E1.1	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	263 hrs	26 hrs	237 hrs	<25
E1.1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	120-174
E1.1	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	75-119
E1.1	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	50-74
E1.1	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	26 hrs	61 hrs	75-119
E1.1	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	<25
E1.1	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	526 hrs	0 hrs	300-599
E1.1	Building Construction	Cranes	3	3.0	3.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	4,175 hrs	417 hrs	3,757 hrs	175-299
E1.1	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	3,711 hrs	0 hrs	3,711 hrs	75-119
E1.1	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	1,856 hrs	0 hrs	1,856 hrs	75-119
E1.1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	75-119
E1.1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	300-599
E1.1	Building Construction	Aerial Lifts	5	6.0	6.0	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	13,917 hrs	0 hrs	13,917 hrs	50-74
E1.1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	120-174
E1.1	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	5,567 hrs	0 hrs	5,567 hrs	<25
E1.1	Building Construction	Concrete Pumps	3	2.0	2.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	2,783 hrs	2,783 hrs	0 hrs	75-119
E1.1	Building Construction	Welders	8	1.00	1.00	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	3,711 hrs	0 hrs	3,711 hrs	25-49
E1.1	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	131 hrs	131 hrs	0 hrs	120-174
E1.1	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	66 hrs	66 hrs	0 hrs	75-119
E1.1	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	131 hrs	131 hrs	0 hrs	300-599
E1.1	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	164 hrs	164 hrs	0 hrs	75-119
E1.1	Paving	Concrete Saw	3	6.0	6.0	Electric-N/A	2025	August 15, 2025	September 22, 2025	38 days	33 days	592 hrs	0 hrs	592 hrs	75-119
E1.1	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	September 22, 2025	October 31, 2025	38 days	33 days	131 hrs	0 hrs	131 hrs	75-119
E1.2	Site Preparation	Concrete/Industrial Saws	4	6.0	6.0	Electric-N/A	2023	October 1, 2023	December 5, 2023	66 days	56 days	1,354 hrs	0 hrs	1,354 hrs	75-119
E1.2	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
E1.2	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2023	October 1, 2023	December 5, 2023	66 days	56 days	339 hrs	0 hrs	339 hrs	50-74
E1.2	Site Preparation	Excavator	4	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	1,354 hrs	1,354 hrs	0 hrs	120-174
E1.2	Site Preparation	Water Trucks	2	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	677 hrs	677 hrs	0 hrs	300-599
E1.2	Site Preparation	Tractors/Loaders/Backhoes	4	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	1,354 hrs	1,354 hrs	0 hrs	75-119
E1.2	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
E1.2	Site Preparation	Off-Highway Trucks	3	6.0	6.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	1,016 hrs	1,016 hrs	0 hrs	300-599
E1.2	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	339 hrs	34 hrs	305 hrs	<25
E1.2	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	0 hrs	0 hrs	0 hrs	120-174
E1.2	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	226 hrs	226 hrs	0 hrs	75-119
E1.2	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	226 hrs	226 hrs	0 hrs	50-74
E1.2	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	339 hrs	102 hrs	237 hrs	75-119
E1.2	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	339 hrs	339 hrs	0 hrs	<25
E1.2	Site Preparation	Pile Drivers	3	4.0	4.0	Diesel-Tier 4f	2023	October 1, 2023	December 5, 2023	66 days	56 days	677 hrs	677 hrs	0 hrs	300-599
E1.2	Building Construction	Cranes	5	3.0	3.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	8,851 hrs	885 hrs	7,966 hrs	175-299
E1.2	Building Construction	Forklifts	4	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	9,441 hrs	0 hrs	9,441 hrs	75-119
E1.2	Building Construction	Generator Sets	3	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	7,081 hrs	0 hrs	7,081 hrs	75-119
E1.2	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	0 hrs	0 hrs	0 hrs	75-119
E1.2	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	0 hrs	0 hrs	0 hrs	300-599

E1.2	Building Construction	Aerial Lifts	8	6.0	6.0	Electric-N/A	2023	December 5, 2023	October 24, 2025	688 days	590 days	28,323 hrs	0 hrs	28,323 hrs	50-74
E1.2	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	0 hrs	0 hrs	0 hrs	120-174
E1.2	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	7,081 hrs	0 hrs	7,081 hrs	<25
E1.2	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2023	December 5, 2023	October 24, 2025	688 days	590 days	4,720 hrs	4,720 hrs	0 hrs	75-119
E1.2	Building Construction	Welders	6	1.00	1.00	Electric-N/A	2023	December 5, 2023	October 24, 2025	688 days	590 days	3,540 hrs	0 hrs	3,540 hrs	25-49
E1.2	Paving	Pavers	3	5.0	5.0	Diesel-Tier 4f	2025	October 24, 2025	December 12, 2025	49 days	42 days	635 hrs	635 hrs	0 hrs	120-174
E1.2	Paving	Rollers	3	5.0	5.0	Diesel-Tier 4f	2025	October 24, 2025	December 12, 2025	49 days	42 days	635 hrs	635 hrs	0 hrs	75-119
E1.2	Paving	Off-Highway Trucks	3	4.0	4.0	Diesel-Tier 4f	2025	October 24, 2025	December 12, 2025	49 days	42 days	508 hrs	508 hrs	0 hrs	300-599
E1.2	Paving	Tractors/Loaders/Backhoes	3	5.0	5.0	Diesel-Tier 4f	2025	October 24, 2025	December 12, 2025	49 days	42 days	635 hrs	635 hrs	0 hrs	75-119
E1.2	Paving	Concrete Saw	3	6.0	6.0	Electric-N/A	2025	October 24, 2025	December 12, 2025	49 days	42 days	762 hrs	0 hrs	762 hrs	75-119
E1.2	Arc. Coating	Air Compressors	5	4.0	4.0	Electric-N/A	2025	December 12, 2025	January 31, 2026	49 days	42 days	847 hrs	0 hrs	847 hrs	75-119
F1-F2	Site Preparation	Concrete/Industrial Saws	4	6.0	6.0	Electric-N/A	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,402 hrs	0 hrs	1,402 hrs	75-119
F1-F2	Site Preparation	Excavator	5	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,753 hrs	1,753 hrs	0 hrs	120-174
F1-F2	Site Preparation	Off-Highway Trucks	4	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,402 hrs	1,402 hrs	0 hrs	300-599
F1-F2	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	120-174
F1-F2	Site Preparation	Pile Drivers	4	4.0	4.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	935 hrs	935 hrs	0 hrs	300-599
F1-F2	Site Preparation	Plate Compactors	3	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	351 hrs	0 hrs	<25
F1-F2	Site Preparation	Pressure Washer	4	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	467 hrs	47 hrs	421 hrs	<25
F1-F2	Site Preparation	Pumps	5	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	584 hrs	175 hrs	409 hrs	75-119
F1-F2	Site Preparation	Rollers	2	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	234 hrs	234 hrs	0 hrs	75-119
F1-F2	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	175-299
F1-F2	Site Preparation	Skid-Steer Loaders	2	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	234 hrs	234 hrs	0 hrs	50-74
F1-F2	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	175-299
F1-F2	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	0 hrs	351 hrs	50-74
F1-F2	Site Preparation	Tractors/Loaders/Backhoes	5	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,753 hrs	1,753 hrs	0 hrs	75-119
F1-F2	Site Preparation	Water Trucks	3	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	1,052 hrs	1,052 hrs	0 hrs	300-599
F1-F2	Building Construction	Aerial Lifts	10	6.0	6.0	Electric-N/A	2024	August 8, 2024	July 20, 2026	712 days	610 days	36,597 hrs	0 hrs	36,597 hrs	50-74
F1-F2	Building Construction	Cement and Mortar Mixers	3	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	7,319 hrs	0 hrs	7,319 hrs	<25
F1-F2	Building Construction	Concrete Pumps	4	2.0	2.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	4,880 hrs	4,880 hrs	0 hrs	75-119
F1-F2	Building Construction	Cranes	7	3.0	3.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	12,809 hrs	1,281 hrs	11,528 hrs	175-299
F1-F2	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	120-174
F1-F2	Building Construction	Forklifts	7	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	17,078 hrs	0 hrs	17,078 hrs	75-119
F1-F2	Building Construction	Generator Sets	4	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	9,759 hrs	0 hrs	9,759 hrs	75-119
F1-F2	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	300-599
F1-F2	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	75-119
F1-F2	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2024	August 8, 2024	July 20, 2026	712 days	610 days	1,830 hrs	0 hrs	1,830 hrs	25-49
F1-F2	Paving	Concrete Saw	4	6.0	6.0	Electric-N/A	2026	July 20, 2026	September 9, 2026	51 days	44 days	1,052 hrs	0 hrs	1,052 hrs	75-119
F1-F2	Paving	Off-Highway Trucks	4	4.0	4.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	701 hrs	701 hrs	0 hrs	300-599
F1-F2	Paving	Pavers	4	5.0	5.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	876 hrs	876 hrs	0 hrs	120-174
F1-F2	Paving	Rollers	4	5.0	5.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	876 hrs	876 hrs	0 hrs	75-119
F1-F2	Paving	Tractors/Loaders/Backhoes	4	5.0	5.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	876 hrs	876 hrs	0 hrs	75-119
F1-F2	Arc. Coating	Air Compressors	5	4.0	4.0	Electric-N/A	2026	September 9, 2026	October 31, 2026	51 days	44 days	876 hrs	0 hrs	876 hrs	75-119
F3	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2025	March 1, 2025	April 28, 2025	58 days	50 days	300 hrs	0 hrs	300 hrs	75-119
F3	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	150 hrs	150 hrs	0 hrs	120-174
F3	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
F3	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	0 hrs	0 hrs	0 hrs	120-174
F3	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	200 hrs	200 hrs	0 hrs	300-599
F3	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
F3	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	10 hrs	90 hrs	<25
F3	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	30 hrs	70 hrs	75-119
F3	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	100 hrs	0 hrs	75-119
F3	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
F3	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	100 hrs	0 hrs	50-74
F3	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
F3	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	March 1, 2025	April 28, 2025	58 days	50 days	100 hrs	0 hrs	100 hrs	50-74
F3	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	150 hrs	150 hrs	0 hrs	75-119
F3	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	March 1, 2025	April 28, 2025	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
F3	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2025	April 28, 2025	January 2, 2027	614 days	526 days	3,158 hrs	0 hrs	3,158 hrs	50-74
F3	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	2,105 hrs	0 hrs	2,105 hrs	<25
F3	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	2,105 hrs	2,105 hrs	0 hrs	75-119
F3	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	1,579 hrs	158 hrs	1,421 hrs	175-299
F3	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	0 hrs	0 hrs	0 hrs	120-174
F3	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	2,105 hrs	0 hrs	2,105 hrs	75-119
F3	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	2,105 hrs	0 hrs	2,105 hrs	75-119
F3	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	0 hrs	0 hrs	0 hrs	300-599
F3	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2025	April 28, 2025	January 2, 2027	614 days	526 days	0 hrs	0 hrs	0 hrs	75-119
F3	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2025	April 28, 2025	January 2, 2027	614 days	526 days	1,053 hrs	0 hrs	1,053 hrs	25-49
F3	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	January 2, 2027	February 15, 2027	44 days	38 days	451 hrs	0 hrs	451 hrs	75-119
F3	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2027	January 2, 2027	February 15, 2027	44 days	38 days	150 hrs	150 hrs	0 hrs	300-599
F3	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2027	January 2, 2027	February 15, 2027	44 days	38 days	75 hrs	75 hrs	0 hrs	120-174
F3	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	January 2, 2027	February 15, 2027	44 days	38 days	75 hrs	75 hrs	0 hrs	75-119
F3	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2027	January 2, 2027	February 15, 2027	44 days	38 days	188 hrs	188 hrs	0 hrs	75-119
F3	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2027	February 15, 2027	March 31, 2027	44 days	38 days	150 hrs	0 hrs	150 hrs	75-119
F4	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	0 hrs	351 hrs	75-119
F4	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	351 hrs	0 hrs	120-174

F4	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	701 hrs	701 hrs	0 hrs	300-599
F4	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	120-174
F4	Site Preparation	Pile Drivers	2	4.0	4.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	467 hrs	467 hrs	0 hrs	300-599
F4	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	117 hrs	0 hrs	<25
F4	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	12 hrs	105 hrs	<25
F4	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	35 hrs	82 hrs	75-119
F4	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	117 hrs	0 hrs	75-119
F4	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	175-299
F4	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	117 hrs	0 hrs	50-74
F4	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	0 hrs	0 hrs	0 hrs	175-299
F4	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2024	June 1, 2024	August 8, 2024	68 days	58 days	117 hrs	0 hrs	117 hrs	50-74
F4	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	175 hrs	175 hrs	0 hrs	75-119
F4	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	June 1, 2024	August 8, 2024	68 days	58 days	351 hrs	351 hrs	0 hrs	300-599
F4	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2024	August 8, 2024	July 20, 2026	712 days	610 days	10,979 hrs	0 hrs	10,979 hrs	50-74
F4	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	2,440 hrs	0 hrs	2,440 hrs	<25
F4	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	2,440 hrs	2,440 hrs	0 hrs	75-119
F4	Building Construction	Cranes	2	3.0	3.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	3,660 hrs	366 hrs	3,294 hrs	175-299
F4	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	120-174
F4	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	4,880 hrs	0 hrs	4,880 hrs	75-119
F4	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	2,440 hrs	0 hrs	2,440 hrs	75-119
F4	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	300-599
F4	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	August 8, 2024	July 20, 2026	712 days	610 days	0 hrs	0 hrs	0 hrs	75-119
F4	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2024	August 8, 2024	July 20, 2026	712 days	610 days	1,220 hrs	0 hrs	1,220 hrs	25-49
F4	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2026	July 20, 2026	September 9, 2026	51 days	44 days	526 hrs	0 hrs	526 hrs	75-119
F4	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	175 hrs	175 hrs	0 hrs	300-599
F4	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	88 hrs	88 hrs	0 hrs	120-174
F4	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	88 hrs	88 hrs	0 hrs	75-119
F4	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2026	July 20, 2026	September 9, 2026	51 days	44 days	219 hrs	219 hrs	0 hrs	75-119
F4	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2026	September 9, 2026	October 31, 2026	51 days	44 days	175 hrs	0 hrs	175 hrs	75-119
F5	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2022	October 1, 2022	December 20, 2022	80 days	69 days	413 hrs	0 hrs	413 hrs	75-119
F5	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	207 hrs	207 hrs	0 hrs	120-174
F5	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	413 hrs	413 hrs	0 hrs	300-599
F5	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	0 hrs	0 hrs	0 hrs	120-174
F5	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	275 hrs	275 hrs	0 hrs	300-599
F5	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	138 hrs	0 hrs	<25
F5	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	14 hrs	124 hrs	<25
F5	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	41 hrs	96 hrs	75-119
F5	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	138 hrs	0 hrs	75-119
F5	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	0 hrs	0 hrs	0 hrs	175-299
F5	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	138 hrs	0 hrs	50-74
F5	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	0 hrs	0 hrs	0 hrs	175-299
F5	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2022	October 1, 2022	December 20, 2022	80 days	69 days	138 hrs	0 hrs	138 hrs	50-74
F5	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	207 hrs	207 hrs	0 hrs	75-119
F5	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2022	October 1, 2022	December 20, 2022	80 days	69 days	413 hrs	413 hrs	0 hrs	300-599
F5	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2022	December 20, 2022	April 1, 2025	833 days	714 days	4,285 hrs	0 hrs	4,285 hrs	50-74
F5	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	2,857 hrs	0 hrs	2,857 hrs	<25
F5	Building Construction	Concrete Pumps	1	2.0	2.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	1,428 hrs	1,428 hrs	0 hrs	75-119
F5	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	2,143 hrs	214 hrs	1,928 hrs	175-299
F5	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	0 hrs	0 hrs	0 hrs	120-174
F5	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	2,857 hrs	0 hrs	2,857 hrs	75-119
F5	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	2,857 hrs	0 hrs	2,857 hrs	75-119
F5	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	0 hrs	0 hrs	0 hrs	300-599
F5	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2022	December 20, 2022	April 1, 2025	833 days	714 days	0 hrs	0 hrs	0 hrs	75-119
F5	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2022	December 20, 2022	April 1, 2025	833 days	714 days	1,428 hrs	0 hrs	1,428 hrs	25-49
F5	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2025	April 1, 2025	May 31, 2025	60 days	52 days	620 hrs	0 hrs	620 hrs	75-119
F5	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2025	April 1, 2025	May 31, 2025	60 days	52 days	207 hrs	207 hrs	0 hrs	300-599
F5	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2025	April 1, 2025	May 31, 2025	60 days	52 days	103 hrs	103 hrs	0 hrs	120-174
F5	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	April 1, 2025	May 31, 2025	60 days	52 days	103 hrs	103 hrs	0 hrs	75-119
F5	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2025	April 1, 2025	May 31, 2025	60 days	52 days	258 hrs	258 hrs	0 hrs	75-119
F5	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	May 31, 2025	July 31, 2025	60 days	52 days	207 hrs	0 hrs	207 hrs	75-119
F6	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2022	July 1, 2024	September 2, 2024	63 days	54 days	326 hrs	0 hrs	326 hrs	75-119
F6	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	163 hrs	163 hrs	0 hrs	120-174
F6	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	326 hrs	326 hrs	0 hrs	300-599
F6	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	0 hrs	0 hrs	0 hrs	120-174
F6	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	217 hrs	217 hrs	0 hrs	300-599
F6	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	109 hrs	0 hrs	<25
F6	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	11 hrs	98 hrs	<25
F6	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	33 hrs	76 hrs	75-119
F6	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	109 hrs	0 hrs	75-119
F6	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
F6	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	109 hrs	0 hrs	50-74
F6	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	0 hrs	0 hrs	0 hrs	175-299
F6	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2022	July 1, 2024	September 2, 2024	63 days	54 days	109 hrs	0 hrs	109 hrs	50-74
F6	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	163 hrs	163 hrs	0 hrs	75-119
F6	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2022	July 1, 2024	September 2, 2024	63 days	54 days	326 hrs	326 hrs	0 hrs	300-599

F6	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2022	September 2, 2024	June 27, 2026	664 days	569 days	3,413 hrs	0 hrs	3,413 hrs	50-74
F6	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	2,275 hrs	0 hrs	2,275 hrs	<25
F6	Building Construction	Concrete Pumps	1	2.0	2.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	1,138 hrs	1,138 hrs	0 hrs	75-119
F6	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	1,706 hrs	171 hrs	1,536 hrs	175-299
F6	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	0 hrs	0 hrs	0 hrs	120-174
F6	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	2,275 hrs	0 hrs	2,275 hrs	75-119
F6	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	2,275 hrs	0 hrs	2,275 hrs	75-119
F6	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	0 hrs	0 hrs	0 hrs	300-599
F6	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2022	September 2, 2024	June 27, 2026	664 days	569 days	0 hrs	0 hrs	0 hrs	75-119
F6	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2022	September 2, 2024	June 27, 2026	664 days	569 days	1,138 hrs	0 hrs	1,138 hrs	25-49
F6	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2025	June 27, 2026	August 14, 2026	48 days	41 days	489 hrs	0 hrs	489 hrs	75-119
F6	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2025	June 27, 2026	August 14, 2026	48 days	41 days	163 hrs	163 hrs	0 hrs	300-599
F6	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2025	June 27, 2026	August 14, 2026	48 days	41 days	81 hrs	81 hrs	0 hrs	120-174
F6	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	June 27, 2026	August 14, 2026	48 days	41 days	81 hrs	81 hrs	0 hrs	75-119
F6	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2025	June 27, 2026	August 14, 2026	48 days	41 days	204 hrs	204 hrs	0 hrs	75-119
F6	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	August 14, 2026	October 1, 2026	48 days	41 days	163 hrs	0 hrs	163 hrs	75-119
G1	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2025	January 1, 2025	March 7, 2025	66 days	56 days	675 hrs	0 hrs	675 hrs	75-119
G1	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	337 hrs	337 hrs	0 hrs	120-174
G1	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	337 hrs	337 hrs	0 hrs	300-599
G1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	120-174
G1	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	225 hrs	225 hrs	0 hrs	300-599
G1	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	112 hrs	0 hrs	<25
G1	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	11 hrs	101 hrs	<25
G1	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	34 hrs	79 hrs	75-119
G1	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	112 hrs	0 hrs	75-119
G1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
G1	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	112 hrs	0 hrs	50-74
G1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
G1	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	January 1, 2025	March 7, 2025	66 days	56 days	112 hrs	0 hrs	112 hrs	50-74
G1	Site Preparation	Tractors/Loaders/Backhoes	2	3.0	3.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	337 hrs	337 hrs	0 hrs	75-119
G1	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	January 1, 2025	March 7, 2025	66 days	56 days	337 hrs	337 hrs	0 hrs	300-599
G1	Building Construction	Aerial Lifts	2	6.0	6.0	Electric-N/A	2025	March 7, 2025	January 22, 2027	686 days	588 days	7,056 hrs	0 hrs	7,056 hrs	50-74
G1	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	2,352 hrs	0 hrs	2,352 hrs	<25
G1	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	2,352 hrs	2,352 hrs	0 hrs	75-119
G1	Building Construction	Cranes	4	3.0	3.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	7,056 hrs	706 hrs	6,350 hrs	175-299
G1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	0 hrs	0 hrs	0 hrs	120-174
G1	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	4,704 hrs	0 hrs	4,704 hrs	75-119
G1	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	2,352 hrs	0 hrs	2,352 hrs	75-119
G1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	0 hrs	0 hrs	0 hrs	300-599
G1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2025	March 7, 2025	January 22, 2027	686 days	588 days	0 hrs	0 hrs	0 hrs	75-119
G1	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2025	March 7, 2025	January 22, 2027	686 days	588 days	1,764 hrs	0 hrs	1,764 hrs	25-49
G1	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	January 22, 2027	March 12, 2027	49 days	42 days	506 hrs	0 hrs	506 hrs	75-119
G1	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2027	January 22, 2027	March 12, 2027	49 days	42 days	169 hrs	169 hrs	0 hrs	300-599
G1	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2027	January 22, 2027	March 12, 2027	49 days	42 days	84 hrs	84 hrs	0 hrs	120-174
G1	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	January 22, 2027	March 12, 2027	49 days	42 days	84 hrs	84 hrs	0 hrs	75-119
G1	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2027	January 22, 2027	March 12, 2027	49 days	42 days	211 hrs	211 hrs	0 hrs	75-119
G1	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2027	March 12, 2027	May 1, 2027	49 days	42 days	169 hrs	0 hrs	169 hrs	75-119
H1	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2024	July 1, 2024	September 4, 2024	66 days	56 days	676 hrs	0 hrs	676 hrs	75-119
H1	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	338 hrs	338 hrs	0 hrs	120-174
H1	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	338 hrs	338 hrs	0 hrs	300-599
H1	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	0 hrs	0 hrs	0 hrs	120-174
H1	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	225 hrs	225 hrs	0 hrs	300-599
H1	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	113 hrs	0 hrs	<25
H1	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	11 hrs	101 hrs	<25
H1	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	34 hrs	79 hrs	75-119
H1	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	113 hrs	0 hrs	75-119
H1	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
H1	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	113 hrs	0 hrs	50-74
H1	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	0 hrs	0 hrs	0 hrs	175-299
H1	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2024	July 1, 2024	September 4, 2024	66 days	56 days	113 hrs	0 hrs	113 hrs	50-74
H1	Site Preparation	Tractors/Loaders/Backhoes	2	3.0	3.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	338 hrs	338 hrs	0 hrs	75-119
H1	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	July 1, 2024	September 4, 2024	66 days	56 days	338 hrs	338 hrs	0 hrs	300-599
H1	Building Construction	Aerial Lifts	2	6.0	6.0	Electric-N/A	2024	September 4, 2024	July 24, 2026	688 days	589 days	7,072 hrs	0 hrs	7,072 hrs	50-74
H1	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	2,357 hrs	0 hrs	2,357 hrs	<25
H1	Building Construction	Concrete Pumps	1	2.0	2.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	1,179 hrs	1,179 hrs	0 hrs	75-119
H1	Building Construction	Cranes	2	3.0	3.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	3,536 hrs	354 hrs	3,183 hrs	175-299
H1	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	0 hrs	0 hrs	0 hrs	120-174
H1	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	4,715 hrs	0 hrs	4,715 hrs	75-119
H1	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	2,357 hrs	0 hrs	2,357 hrs	75-119
H1	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	0 hrs	0 hrs	0 hrs	300-599
H1	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	September 4, 2024	July 24, 2026	688 days	589 days	0 hrs	0 hrs	0 hrs	75-119
H1	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2024	September 4, 2024	July 24, 2026	688 days	589 days	1,768 hrs	0 hrs	1,768 hrs	25-49
H1	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2026	July 24, 2026	September 11, 2026	49 days	42 days	507 hrs	0 hrs	507 hrs	75-119
H1	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2026	July 24, 2026	September 11, 2026	49 days	42 days	169 hrs	169 hrs	0 hrs	300-599
H1	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2026	July 24, 2026	September 11, 2026	49 days	42 days	85 hrs	85 hrs	0 hrs	120-174

H1	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2026	July 24, 2026	September 11, 2026	49 days	42 days	85 hrs	85 hrs	0 hrs	75-119
H1	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2026	July 24, 2026	September 11, 2026	49 days	42 days	211 hrs	211 hrs	0 hrs	75-119
H1	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2026	September 11, 2026	October 31, 2026	49 days	42 days	169 hrs	0 hrs	169 hrs	75-119
H2	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2029	January 1, 2029	February 25, 2029	56 days	48 days	288 hrs	0 hrs	288 hrs	75-119
H2	Site Preparation	Excavator	1	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	144 hrs	144 hrs	0 hrs	120-174
H2	Site Preparation	Off-Highway Trucks	1	6.0	6.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	288 hrs	288 hrs	0 hrs	300-599
H2	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	0 hrs	0 hrs	0 hrs	120-174
H2	Site Preparation	Pile Drivers	1	4.0	4.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	192 hrs	192 hrs	0 hrs	300-599
H2	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	96 hrs	0 hrs	<25
H2	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	10 hrs	86 hrs	<25
H2	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	29 hrs	67 hrs	75-119
H2	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	96 hrs	0 hrs	75-119
H2	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	0 hrs	0 hrs	0 hrs	175-299
H2	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	96 hrs	0 hrs	50-74
H2	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	0 hrs	0 hrs	0 hrs	175-299
H2	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2029	January 1, 2029	February 25, 2029	56 days	48 days	96 hrs	0 hrs	96 hrs	50-74
H2	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	144 hrs	144 hrs	0 hrs	75-119
H2	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2029	January 1, 2029	February 25, 2029	56 days	48 days	288 hrs	288 hrs	0 hrs	300-599
H2	Building Construction	Aerial Lifts	1	6.0	6.0	Electric-N/A	2029	February 25, 2029	October 8, 2030	589 days	505 days	3,030 hrs	0 hrs	3,030 hrs	50-74
H2	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	2,020 hrs	0 hrs	2,020 hrs	<25
H2	Building Construction	Concrete Pumps	1	2.0	2.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	1,010 hrs	1,010 hrs	0 hrs	75-119
H2	Building Construction	Cranes	1	3.0	3.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	1,515 hrs	152 hrs	1,364 hrs	175-299
H2	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	0 hrs	0 hrs	0 hrs	120-174
H2	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	2,020 hrs	0 hrs	2,020 hrs	75-119
H2	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	2,020 hrs	0 hrs	2,020 hrs	75-119
H2	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	0 hrs	0 hrs	0 hrs	300-599
H2	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2029	February 25, 2029	October 8, 2030	589 days	505 days	0 hrs	0 hrs	0 hrs	75-119
H2	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2029	February 25, 2029	October 8, 2030	589 days	505 days	1,010 hrs	0 hrs	1,010 hrs	25-49
H2	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2030	October 8, 2030	November 19, 2030	42 days	36 days	431 hrs	0 hrs	431 hrs	75-119
H2	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2030	October 8, 2030	November 19, 2030	42 days	36 days	144 hrs	144 hrs	0 hrs	300-599
H2	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2030	October 8, 2030	November 19, 2030	42 days	36 days	72 hrs	72 hrs	0 hrs	120-174
H2	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2030	October 8, 2030	November 19, 2030	42 days	36 days	72 hrs	72 hrs	0 hrs	75-119
H2	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2030	October 8, 2030	November 19, 2030	42 days	36 days	180 hrs	180 hrs	0 hrs	75-119
H2	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2030	November 19, 2030	December 31, 2030	42 days	36 days	144 hrs	0 hrs	144 hrs	75-119
H3	Site Preparation	Concrete/Industrial Saws	5	6.0	6.0	Electric-N/A	2025	July 1, 2025	September 9, 2025	71 days	61 days	1,816 hrs	0 hrs	1,816 hrs	75-119
H3	Site Preparation	Excavator	4	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	727 hrs	727 hrs	0 hrs	120-174
H3	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	727 hrs	727 hrs	0 hrs	300-599
H3	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	0 hrs	0 hrs	0 hrs	120-174
H3	Site Preparation	Pile Drivers	2	4.0	4.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	484 hrs	484 hrs	0 hrs	300-599
H3	Site Preparation	Plate Compactors	2	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	242 hrs	242 hrs	0 hrs	<25
H3	Site Preparation	Pressure Washer	3	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	363 hrs	36 hrs	327 hrs	<25
H3	Site Preparation	Pumps	3	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	363 hrs	109 hrs	254 hrs	75-119
H3	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	121 hrs	121 hrs	0 hrs	75-119
H3	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	0 hrs	0 hrs	0 hrs	175-299
H3	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	121 hrs	121 hrs	0 hrs	50-74
H3	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	0 hrs	0 hrs	0 hrs	175-299
H3	Site Preparation	Sweepers/Scrubbers	3	2.0	2.0	Electric-N/A	2025	July 1, 2025	September 9, 2025	71 days	61 days	363 hrs	0 hrs	363 hrs	50-74
H3	Site Preparation	Tractors/Loaders/Backhoes	4	3.0	3.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	727 hrs	727 hrs	0 hrs	75-119
H3	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2025	July 1, 2025	September 9, 2025	71 days	61 days	363 hrs	363 hrs	0 hrs	300-599
H3	Building Construction	Aerial Lifts	6	6.0	6.0	Electric-N/A	2025	September 9, 2025	September 16, 2027	736 days	631 days	22,723 hrs	0 hrs	22,723 hrs	50-74
H3	Building Construction	Cement and Mortar Mixers	5	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	12,624 hrs	0 hrs	12,624 hrs	<25
H3	Building Construction	Concrete Pumps	3	2.0	2.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	3,787 hrs	3,787 hrs	0 hrs	75-119
H3	Building Construction	Cranes	4	3.0	3.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	7,574 hrs	757 hrs	6,817 hrs	175-299
H3	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	0 hrs	0 hrs	0 hrs	120-174
H3	Building Construction	Forklifts	4	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	10,099 hrs	0 hrs	10,099 hrs	75-119
H3	Building Construction	Generator Sets	3	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	7,574 hrs	0 hrs	7,574 hrs	75-119
H3	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	0 hrs	0 hrs	0 hrs	300-599
H3	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2025	September 9, 2025	September 16, 2027	736 days	631 days	0 hrs	0 hrs	0 hrs	75-119
H3	Building Construction	Welders	3	1.00	1.00	Electric-N/A	2025	September 9, 2025	September 16, 2027	736 days	631 days	1,894 hrs	0 hrs	1,894 hrs	25-49
H3	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2027	September 16, 2027	November 8, 2027	53 days	45 days	545 hrs	0 hrs	545 hrs	75-119
H3	Paving	Off-Highway Trucks	2	4.0	4.0	Diesel-Tier 4f	2027	September 16, 2027	November 8, 2027	53 days	45 days	363 hrs	363 hrs	0 hrs	300-599
H3	Paving	Pavers	2	2.0	2.0	Diesel-Tier 4f	2027	September 16, 2027	November 8, 2027	53 days	45 days	182 hrs	182 hrs	0 hrs	120-174
H3	Paving	Rollers	2	2.0	2.0	Diesel-Tier 4f	2027	September 16, 2027	November 8, 2027	53 days	45 days	182 hrs	182 hrs	0 hrs	75-119
H3	Paving	Tractors/Loaders/Backhoes	2	5.0	5.0	Diesel-Tier 4f	2027	September 16, 2027	November 8, 2027	53 days	45 days	454 hrs	454 hrs	0 hrs	75-119
H3	Arc. Coating	Air Compressors	4	4.0	4.0	Electric-N/A	2027	November 8, 2027	December 31, 2027	53 days	45 days	727 hrs	0 hrs	727 hrs	75-119
H4	Site Preparation	Concrete/Industrial Saws	1	6.0	6.0	Electric-N/A	2027	February 1, 2027	March 29, 2027	56 days	48 days	288 hrs	0 hrs	288 hrs	75-119
H4	Site Preparation	Excavator	2	3.0	3.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	288 hrs	288 hrs	0 hrs	120-174
H4	Site Preparation	Off-Highway Trucks	2	6.0	6.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	576 hrs	576 hrs	0 hrs	300-599
H4	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	0 hrs	0 hrs	0 hrs	120-174
H4	Site Preparation	Pile Drivers	2	4.0	4.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	384 hrs	384 hrs	0 hrs	300-599
H4	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	96 hrs	0 hrs	<25
H4	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	10 hrs	86 hrs	<25
H4	Site Preparation	Pumps	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	29 hrs	67 hrs	75-119
H4	Site Preparation	Rollers	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	96 hrs	0 hrs	75-119
H4	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	0 hrs	0 hrs	0 hrs	175-299

H4	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	96 hrs	0 hrs	50-74
H4	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	0 hrs	0 hrs	0 hrs	175-299
H4	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2027	February 1, 2027	March 29, 2027	56 days	48 days	96 hrs	0 hrs	96 hrs	50-74
H4	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	144 hrs	144 hrs	0 hrs	75-119
H4	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2027	February 1, 2027	March 29, 2027	56 days	48 days	288 hrs	288 hrs	0 hrs	300-599
H4	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2027	March 29, 2027	November 8, 2028	590 days	506 days	9,103 hrs	0 hrs	9,103 hrs	50-74
H4	Building Construction	Cement and Mortar Mixers	1	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	2,023 hrs	0 hrs	2,023 hrs	<25
H4	Building Construction	Concrete Pumps	2	2.0	2.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	2,023 hrs	2,023 hrs	0 hrs	75-119
H4	Building Construction	Cranes	2	3.0	3.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	3,034 hrs	303 hrs	2,731 hrs	175-299
H4	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	0 hrs	0 hrs	0 hrs	120-174
H4	Building Construction	Forklifts	2	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	4,046 hrs	0 hrs	4,046 hrs	75-119
H4	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	2,023 hrs	0 hrs	2,023 hrs	75-119
H4	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	0 hrs	0 hrs	0 hrs	300-599
H4	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2027	March 29, 2027	November 8, 2028	590 days	506 days	0 hrs	0 hrs	0 hrs	75-119
H4	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2027	March 29, 2027	November 8, 2028	590 days	506 days	1,011 hrs	0 hrs	1,011 hrs	25-49
H4	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2028	November 8, 2028	December 20, 2028	42 days	36 days	432 hrs	0 hrs	432 hrs	75-119
H4	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2028	November 8, 2028	December 20, 2028	42 days	36 days	144 hrs	144 hrs	0 hrs	300-599
H4	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2028	November 8, 2028	December 20, 2028	42 days	36 days	72 hrs	72 hrs	0 hrs	120-174
H4	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2028	November 8, 2028	December 20, 2028	42 days	36 days	72 hrs	72 hrs	0 hrs	75-119
H4	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2028	November 8, 2028	December 20, 2028	42 days	36 days	180 hrs	180 hrs	0 hrs	75-119
H4	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2028	December 20, 2028	January 31, 2029	42 days	36 days	144 hrs	0 hrs	144 hrs	75-119
150 SM	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2024	October 1, 2024	November 28, 2024	58 days	50 days	601 hrs	0 hrs	601 hrs	75-119
150 SM	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
150 SM	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2024	October 1, 2024	November 28, 2024	58 days	50 days	100 hrs	0 hrs	100 hrs	50-74
150 SM	Site Preparation	Excavator (Small 150 HP)	2	6.0	6.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	601 hrs	601 hrs	0 hrs	120-174
150 SM	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	300 hrs	300 hrs	0 hrs	300-599
150 SM	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	150 hrs	150 hrs	0 hrs	75-119
150 SM	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	175-299
150 SM	Site Preparation	Off-Highway Trucks	0	6.0	6.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	300-599
150 SM	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	100 hrs	10 hrs	90 hrs	<25
150 SM	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	120-174
150 SM	Site Preparation	Trench Roller (25 HP)	1	4.0	4.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	200 hrs	200 hrs	0 hrs	25-49
150 SM	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	100 hrs	100 hrs	0 hrs	50-74
150 SM	Site Preparation	Pumps	0	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	75-119
150 SM	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	100 hrs	100 hrs	0 hrs	<25
150 SM	Site Preparation	Pile Drivers	0	4.0	4.0	Diesel-Tier 4f	2024	October 1, 2024	November 28, 2024	58 days	50 days	0 hrs	0 hrs	0 hrs	300-599
150 SM	Building Construction	Cranes (220 HP mobile crane)	1	2.0	2.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	1,053 hrs	1,053 hrs	0 hrs	175-299
150 SM	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	2,105 hrs	0 hrs	2,105 hrs	75-119
150 SM	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	2,105 hrs	0 hrs	2,105 hrs	75-119
150 SM	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	0 hrs	0 hrs	0 hrs	75-119
150 SM	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	0 hrs	0 hrs	0 hrs	300-599
150 SM	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2024	November 28, 2024	August 4, 2026	614 days	526 days	9,473 hrs	0 hrs	9,473 hrs	50-74
150 SM	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	0 hrs	0 hrs	0 hrs	120-174
150 SM	Building Construction	Cement and Mortar Mixers - E	2	4.0	4.0	Electric-N/A	2024	November 28, 2024	August 4, 2026	614 days	526 days	4,210 hrs	0 hrs	4,210 hrs	<25
150 SM	Building Construction	Concrete Pumps	1	1.0	1.0	Diesel-Tier 4f	2024	November 28, 2024	August 4, 2026	614 days	526 days	526 hrs	526 hrs	0 hrs	75-119
150 SM	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2024	November 28, 2024	August 4, 2026	614 days	526 days	1,053 hrs	0 hrs	1,053 hrs	25-49
150 SM	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2026	August 4, 2026	September 17, 2026	44 days	38 days	75 hrs	75 hrs	0 hrs	120-174
150 SM	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2026	August 4, 2026	September 17, 2026	44 days	38 days	75 hrs	75 hrs	0 hrs	75-119
150 SM	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2026	August 4, 2026	September 17, 2026	44 days	38 days	150 hrs	150 hrs	0 hrs	300-599
150 SM	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2026	August 4, 2026	September 17, 2026	44 days	38 days	188 hrs	188 hrs	0 hrs	75-119
150 SM	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2026	August 4, 2026	September 17, 2026	44 days	38 days	451 hrs	0 hrs	451 hrs	75-119
150 SM	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2026	September 17, 2026	October 31, 2026	44 days	38 days	150 hrs	0 hrs	150 hrs	75-119
40 SM	Site Preparation	Concrete/Industrial Saws	2	6.0	6.0	Electric-N/A	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	0 hrs	526 hrs	75-119
40 SM	Site Preparation	Rubber Tired Dozers	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	175-299
40 SM	Site Preparation	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	0 hrs	88 hrs	50-74
40 SM	Site Preparation	Excavator **(Small 150 HP)**	2	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	526 hrs	526 hrs	0 hrs	120-174
40 SM	Site Preparation	Water Trucks	1	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	263 hrs	263 hrs	0 hrs	300-599
40 SM	Site Preparation	Tractors/Loaders/Backhoes	1	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	131 hrs	131 hrs	0 hrs	75-119
40 SM	Site Preparation	Surfacing Equipment	0	3.0	3.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	175-299
40 SM	Site Preparation	Off-Highway Trucks	0	6.0	6.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	300-599
40 SM	Site Preparation	Pile Drivers	0	4.0	4.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	300-599
40 SM	Site Preparation	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	9 hrs	79 hrs	<25
40 SM	Site Preparation	Pavers	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	120-174
40 SM	Site Preparation	Trench Roller (25 HP)	1	4.0	4.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	175 hrs	175 hrs	0 hrs	25-49
40 SM	Site Preparation	Skid-Steer Loaders	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	50-74
40 SM	Site Preparation	Pumps	0	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	0 hrs	0 hrs	0 hrs	75-119
40 SM	Site Preparation	Plate Compactors	1	2.0	2.0	Diesel-Tier 4f	2024	January 1, 2024	February 21, 2024	51 days	44 days	88 hrs	88 hrs	0 hrs	<25
40 SM	Building Construction	Cranes (220 HP mobile crane)	1	2.0	2.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	928 hrs	928 hrs	0 hrs	175-299
40 SM	Building Construction	Forklifts	1	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	1,856 hrs	0 hrs	1,856 hrs	75-119
40 SM	Building Construction	Generator Sets	1	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	1,856 hrs	0 hrs	1,856 hrs	75-119
40 SM	Building Construction	Tractors/Loaders/Backhoes	0	3.0	3.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	75-119

40 SM	Building Construction	Off-Highway Trucks	0	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	300-599
40 SM	Building Construction	Aerial Lifts	3	6.0	6.0	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	8,350 hrs	0 hrs	8,350 hrs	50-74
40 SM	Building Construction	Excavators	0	4.0	4.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	0 hrs	0 hrs	0 hrs	120-174
40 SM	Building Construction	Cement and Mortar Mixers - E	2	4.0	4.0	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	3,711 hrs	0 hrs	3,711 hrs	<25
40 SM	Building Construction	Concrete Pumps	1	1.0	1.0	Diesel-Tier 4f	2024	February 21, 2024	August 15, 2025	541 days	464 days	464 hrs	464 hrs	0 hrs	75-119
40 SM	Building Construction	Welders	2	1.00	1.00	Electric-N/A	2024	February 21, 2024	August 15, 2025	541 days	464 days	928 hrs	0 hrs	928 hrs	25-49
40 SM	Paving	Pavers	1	2.0	2.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	66 hrs	66 hrs	0 hrs	120-174
40 SM	Paving	Rollers	1	2.0	2.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	66 hrs	66 hrs	0 hrs	75-119
40 SM	Paving	Off-Highway Trucks	1	4.0	4.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	131 hrs	131 hrs	0 hrs	300-599
40 SM	Paving	Tractors/Loaders/Backhoes	1	5.0	5.0	Diesel-Tier 4f	2025	August 15, 2025	September 22, 2025	38 days	33 days	164 hrs	164 hrs	0 hrs	75-119
40 SM	Paving	Concrete Saw	2	6.0	6.0	Electric-N/A	2025	August 15, 2025	September 22, 2025	38 days	33 days	394 hrs	0 hrs	394 hrs	75-119
40 SM	Arc. Coating	Air Compressors	1	4.0	4.0	Electric-N/A	2025	September 22, 2025	October 31, 2025	38 days	33 days	131 hrs	0 hrs	131 hrs	75-119
LTA B1-1	Paving	Concrete/Industrial Saws	1	3.0	3.0	Electric-N/A	2025	July 1, 2025	July 6, 2025	5 days	4 days	13 hrs	0 hrs	13 hrs	75-119
LTA B1-1	Paving	Cement and Mortar Mixers	1	8.0	8.0	Diesel-Tier 4f	2025	July 1, 2025	July 6, 2025	5 days	4 days	34 hrs	0 hrs	34 hrs	<25
LTA B1-1	Paving	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	July 1, 2025	July 6, 2025	5 days	4 days	9 hrs	0 hrs	9 hrs	50-74
LTA B1-1	Paving	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2025	July 1, 2025	July 6, 2025	5 days	4 days	9 hrs	1 hrs	8 hrs	<25
LTA B1-2	Paving	Concrete/Industrial Saws	1	3.0	3.0	Electric-N/A	2025	July 8, 2025	July 13, 2025	5 days	4 days	13 hrs	0 hrs	13 hrs	75-119
LTA B1-2	Paving	Cement and Mortar Mixers	1	8.0	8.0	Diesel-Tier 4f	2025	July 8, 2025	July 13, 2025	5 days	4 days	34 hrs	0 hrs	34 hrs	<25
LTA B1-2	Paving	Sweepers/Scrubbers	1	2.0	2.0	Electric-N/A	2025	July 8, 2025	July 13, 2025	5 days	4 days	9 hrs	0 hrs	9 hrs	50-74
LTA B1-2	Paving	Pressure Washer	1	2.0	2.0	Diesel-Tier 4f	2025	July 8, 2025	July 13, 2025	5 days	4 days	9 hrs	1 hrs	8 hrs	<25
LTA B1-3	Paving	Pile Drivers	1	8.0	8.0	Diesel-Tier 4f	2025	July 15, 2025	August 12, 2025	28 days	24 days	192 hrs	192 hrs	0 hrs	300-599
LTA B1-3	Paving	Generator Sets	1	8.0	8.0	Diesel-Tier 4f	2025	July 15, 2025	August 12, 2025	28 days	24 days	192 hrs	0 hrs	192 hrs	75-119
LTA B1-3	Paving	Cranes (220 HP mobile crane)	1	5.0	4.0	Diesel-Tier 4f	2025	July 15, 2025	August 12, 2025	28 days	24 days	116 hrs	116 hrs	0 hrs	175-299
LTA B1-3	Paving	Cement and Mortar Mixers - E	1	5.0	4.0	Electric-N/A	2025	July 15, 2025	August 12, 2025	28 days	24 days	116 hrs	0 hrs	116 hrs	<25
LTA B1-4	Paving	Tractors/Loaders/Backhoes	1	6.0	6.0	Diesel-Tier 4f	2025	August 13, 2025	August 23, 2025	10 days	9 days	51 hrs	51 hrs	0 hrs	75-119
LTA B1-4	Paving	Pavers	1	6.0	6.0	Diesel-Tier 4f	2025	August 13, 2025	August 23, 2025	10 days	9 days	51 hrs	51 hrs	0 hrs	120-174
LTA B1-4	Paving	Cement and Mortar Mixers - E	1	8.0	8.0	Electric-N/A	2025	August 13, 2025	August 23, 2025	10 days	9 days	69 hrs	0 hrs	69 hrs	<25
LTA B1-4	Paving	Generator Sets	1	8.0	8.0	Diesel-Tier 4f	2025	August 13, 2025	August 23, 2025	10 days	9 days	69 hrs	0 hrs	69 hrs	75-119
LTA B1-4	Paving	Excavator **(Small 150 HP)**	1	8.0	8.0	Diesel-Tier 4f	2025	August 24, 2025	September 3, 2025	10 days	9 days	69 hrs	69 hrs	0 hrs	120-174
LTA B1-4	Paving	Pavers	1	6.0	6.0	Diesel-Tier 4f	2025	August 24, 2025	September 3, 2025	10 days	9 days	51 hrs	51 hrs	0 hrs	120-174
LTA B1-4	Paving	Cement and Mortar Mixers - E	1	8.0	8.0	Electric-N/A	2025	August 24, 2025	September 3, 2025	10 days	9 days	69 hrs	0 hrs	69 hrs	<25
LTA B1-4	Paving	Generator Sets	1	8.0	8.0	Diesel-Tier 4f	2025	August 24, 2025	September 3, 2025	10 days	9 days	69 hrs	0 hrs	69 hrs	75-119
Excavation	1	E - Excavators	5	3	3	DIESEL T4	2021	7/1/2021	7/1/2024		940	14,100 hrs	14,100 hrs	0 hrs	175-299
Excavation	1	E - Rubber Tired Dozers	5	6	6	electric	2021				940	28,200 hrs	28,200 hrs	0 hrs	120-174
Excavation	1	E - Off-Highway Trucks	3	8	8	electric	2021				940	22,560 hrs	22,560 hrs	0 hrs	300-599
Excavation	1	E - Pressure Washers	3	1	1	DIESEL T4	2021				940	2,820 hrs	282 hrs	2,538 hrs	<25
Excavation	1	E - Pumps	3	10	10	electric	2021				940	28,200 hrs	8,460 hrs	19,740 hrs	75-119
Excavation	1	E - Bore/Drill Rigs	3	6	6	DIESEL T4	2021				940	16,920 hrs	16,920 hrs	0 hrs	300-599
Excavation	1	E - Ground anchoring	3	4	4	DIESEL T4	2021				940	11,280 hrs	11,280 hrs	0 hrs	175-299
Excavation	1	E - Mobile Concrete Pump - Tier 4 Diesel	1	4	4	DIESEL T4	2021				940	3,760 hrs	3,760 hrs	0 hrs	300-599
Excavation	1	E - Tractors/Loaders/Backhoes	3	6	6	DIESEL T4	2021				940	16,920 hrs	16,920 hrs	0 hrs	75-119
Excavation	1	E - Aerial Lifts	3	2	2	DIESEL T4	2021				940	5,640 hrs	0 hrs	5,640 hrs	50-74
Excavation	1	E - Air Compressors	3	2	2	DIESEL T4	2021				940	5,640 hrs	0 hrs	5,640 hrs	75-119
Excavation	1	E - Generator Sets	3	6	6	DIESEL T4 - (goes electric in	2021				940	16,920 hrs	0 hrs	16,920 hrs	75-119
Excavation	1	E - Sweepers/Scrubbers	1	8	8	DIESEL T4	2021				940	7,520 hrs	0 hrs	7,520 hrs	50-74
Excavation	1	ER- Graders	2	6	6	DIESEL T4	2021				940	11,280 hrs	11,280 hrs	0 hrs	175-299
Excavation	1	ER -Rubber Tired Dozers	1	6	6	DIESEL T4	2021				940	5,640 hrs	5,640 hrs	0 hrs	120-174
Excavation	1	ER -Excavators	1	6	6	DIESEL T4	2021				940	5,640 hrs	5,640 hrs	0 hrs	175-299
Excavation	1	ER -Trenchers	1	6	6	DIESEL T4	2021				940	5,640 hrs	5,640 hrs	0 hrs	75-119
Excavation	1	ER - Off-Highway Trucks	1	8	8	DIESEL T4- (goes electric in	2021				940	7,520 hrs	7,520 hrs	0 hrs	300-599
Excavation	1	ER - Skid Steer Loaders	2	6	6	DIESEL T4	2021				940	11,280 hrs	11,280 hrs	0 hrs	75-119
Excavation	1	ER - Pressure Washers	1	1	1	DIESEL T4	2021				940	940 hrs	94 hrs	846 hrs	<25
Excavation	1	ER - Plate Compactors	1	8	8	DIESEL T4	2021				940	7,520 hrs	7,520 hrs	0 hrs	<25
Excavation	2a	E - Excavators	5	1.15400812	1.15400812	DIESEL T4	2025	7/1/2025	4/1/2027		549	3,168 hrs	3,168 hrs	0 hrs	175-299
Excavation	2a	E - Rubber Tired Dozers	5	2.30801623	2.30801623	DIESEL T4	2025				549	6,336 hrs	6,336 hrs	0 hrs	120-174
Excavation	2a	E - Off-Highway Trucks	3	3.07735498	3.07735498	DIESEL T4	2025				549	5,068 hrs	5,068 hrs	0 hrs	300-599
Excavation	2a	E - Pressure Washers	3	0.38466937	0.38466937	DIESEL T4	2025				549	634 hrs	63 hrs	570 hrs	<25
Excavation	2a	E - Pumps	3	3.84669372	3.84669372	DIESEL T4- (goes electric in	2025				549	6,336 hrs	1,901 hrs	4,435 hrs	75-119
Excavation	2a	E - Bore/Drill Rigs	3	2.30801623	2.30801623	DIESEL T4	2025				549	3,801 hrs	3,801 hrs	0 hrs	300-599
Excavation	2a	E - Ground anchoring	3	1.53867749	1.53867749	DIESEL T4	2025				549	2,534 hrs	2,534 hrs	0 hrs	175-299
Excavation	2a	E - Mobile Concrete Pump - Tier 4 Diesel	1	1.53867749	1.53867749	DIESEL T4	2025				549	845 hrs	845 hrs	0 hrs	300-599
Excavation	2a	E - Tractors/Loaders/Backhoes	3	2.30801623	2.30801623	DIESEL T4	2025				549	3,801 hrs	3,801 hrs	0 hrs	75-119
Excavation	2a	E - Aerial Lifts	3	0.76933874	0.76933874	electric	2025				549	1,267 hrs	0 hrs	1,267 hrs	50-74
Excavation	2a	E - Air Compressors	3	0.76933874	0.76933874	electric	2025				549	1,267 hrs	0 hrs	1,267 hrs	75-119
Excavation	2a	E - Generator Sets	3	2.30801623	2.30801623	DIESEL T4	2025				549	3,801 hrs	0 hrs	3,801 hrs	75-119
Excavation	2a	E - Sweepers/Scrubbers	1	3.07735498	3.07735498	electric	2025				549	1,689 hrs	0 hrs	1,689 hrs	50-74
Excavation	2a	ER- Graders	2	6	6	DIESEL T4	2025				549	6,588 hrs	6,588 hrs	0 hrs	175-299

Excavation	2a	ER -Rubber Tired Dozers	1	6	6	DIESEL T4	2025				549	3,294 hrs	3,294 hrs	0 hrs	120-174
Excavation	2a	ER -Excavators	1	6	6	DIESEL T4	2025				549	3,294 hrs	3,294 hrs	0 hrs	175-299
Excavation	2a	ER -Trenchers	1	6	6	DIESEL T4	2025				549	3,294 hrs	3,294 hrs	0 hrs	75-119
Excavation	2a	ER - Off-Highway Trucks	1	8	8	DIESEL T4	2025				549	4,392 hrs	4,392 hrs	0 hrs	300-599
Excavation	2a	ER - Skid Steer Loaders	2	6	6	DIESEL T4	2025				549	6,588 hrs	6,588 hrs	0 hrs	75-119
Excavation	2a	ER - Pressure Washers	1	1	1	DIESEL T4 - (goes electric in	2025				549	549 hrs	55 hrs	494 hrs	<25
Excavation	2a	ER - Plate Compactors	1	8	8	DIESEL T4	2025				549	4,392 hrs	4,392 hrs	0 hrs	<25
Excavation	2b	E - Excavators	5	1.5893846	1.5893846	DIESEL T4	2029	1/1/2029	1/1/2030		314	2,495 hrs	2,495 hrs	0 hrs	175-299
Excavation	2b	E - Rubber Tired Dozers	5	3.1787692	3.1787692	DIESEL T4	2029				314	4,991 hrs	4,991 hrs	0 hrs	120-174
Excavation	2b	E - Off-Highway Trucks	3	4.23835894	4.23835894	DIESEL T4	2029				314	3,993 hrs	3,993 hrs	0 hrs	300-599
Excavation	2b	E - Pressure Washers	3	0.52979487	0.52979487	DIESEL T4	2029				314	499 hrs	50 hrs	449 hrs	<25
Excavation	2b	E - Pumps	3	5.29794867	5.29794867	DIESEL T4- (goes electric in	2029				314	4,991 hrs	1,497 hrs	3,493 hrs	75-119
Excavation	2b	E - Bore/Drill Rigs	3	3.1787692	3.1787692	DIESEL T4	2029				314	2,994 hrs	2,994 hrs	0 hrs	300-599
Excavation	2b	E - Ground anchoring	3	2.11917947	2.11917947	DIESEL T4	2029				314	1,996 hrs	1,996 hrs	0 hrs	175-299
Excavation	2b	E - Mobile Concrete Pump - Tier 4 Diesel	1	2.11917947	2.11917947	DIESEL T4	2029				314	665 hrs	665 hrs	0 hrs	300-599
Excavation	2b	E - Tractors/Loaders/Backhoes	3	3.1787692	3.1787692	DIESEL T4	2029				314	2,994 hrs	2,994 hrs	0 hrs	75-119
Excavation	2b	E - Aerial Lifts	3	1.05958973	1.05958973	electric	2029				314	998 hrs	0 hrs	998 hrs	50-74
Excavation	2b	E - Air Compressors	3	1.05958973	1.05958973	electric	2029				314	998 hrs	0 hrs	998 hrs	75-119
Excavation	2b	E - Generator Sets	3	3.1787692	3.1787692	DIESEL T4	2029				314	2,994 hrs	0 hrs	2,994 hrs	75-119
Excavation	2b	E - Sweepers/Scrubbers	1	4.23835894	4.23835894	electric	2029				314	1,331 hrs	0 hrs	1,331 hrs	50-74
Excavation	2b	ER- Graders	2	6	6	DIESEL T4	2029				314	3,768 hrs	3,768 hrs	0 hrs	175-299
Excavation	2b	ER -Rubber Tired Dozers	1	6	6	DIESEL T4	2029				314	1,884 hrs	1,884 hrs	0 hrs	120-174
Excavation	2b	ER -Excavators	1	6	6	DIESEL T4	2029				314	1,884 hrs	1,884 hrs	0 hrs	175-299
Excavation	2b	ER -Trenchers	1	6	6	DIESEL T4	2029				314	1,884 hrs	1,884 hrs	0 hrs	75-119
Excavation	2b	ER - Off-Highway Trucks	1	8	8	DIESEL T4	2029				314	2,512 hrs	2,512 hrs	0 hrs	300-599
Excavation	2b	ER - Skid Steer Loaders	2	6	6	DIESEL T4	2029				314	3,768 hrs	3,768 hrs	0 hrs	75-119
Excavation	2b	ER - Pressure Washers	1	1	1	DIESEL T4 - (goes electric in	2029				314	314 hrs	31 hrs	283 hrs	<25
Excavation	2b	ER - Plate Compactors	1	8	8	DIESEL T4	2029				314	2,512 hrs	2,512 hrs	0 hrs	<25
Excavation	3	E - Excavators	5	1.61558664	1.61558664	DIESEL T4	2030	1/1/2030	7/1/2031		649	5,243 hrs	5,243 hrs	0 hrs	175-299
Excavation	3	E - Rubber Tired Dozers	5	3.23117329	3.23117329	DIESEL T4	2030				649	10,485 hrs	10,485 hrs	0 hrs	120-174
Excavation	3	E - Off-Highway Trucks	3	4.30823105	4.30823105	DIESEL T4	2030				649	8,388 hrs	8,388 hrs	0 hrs	300-599
Excavation	3	E - Pressure Washers	3	0.53852888	0.53852888	DIESEL T4	2030				649	1,049 hrs	105 hrs	944 hrs	<25
Excavation	3	E - Pumps	3	5.38528882	5.38528882	DIESEL T4- (goes electric in	2030				649	10,485 hrs	3,146 hrs	7,340 hrs	75-119
Excavation	3	E - Bore/Drill Rigs	3	3.23117329	3.23117329	DIESEL T4	2030				649	6,291 hrs	6,291 hrs	0 hrs	300-599
Excavation	3	E - Ground anchoring	3	2.15411553	2.15411553	DIESEL T4	2030				649	4,194 hrs	4,194 hrs	0 hrs	175-299
Excavation	3	E - Mobile Concrete Pump - Tier 4 Diesel	1	2.15411553	2.15411553	DIESEL T4	2030				649	1,398 hrs	1,398 hrs	0 hrs	300-599
Excavation	3	E - Tractors/Loaders/Backhoes	3	3.23117329	3.23117329	DIESEL T4	2030				649	6,291 hrs	6,291 hrs	0 hrs	75-119
Excavation	3	E - Aerial Lifts	3	1.07705776	1.07705776	electric	2030				649	2,097 hrs	0 hrs	2,097 hrs	50-74
Excavation	3	E - Air Compressors	3	1.07705776	1.07705776	electric	2030				649	2,097 hrs	0 hrs	2,097 hrs	75-119
Excavation	3	E - Generator Sets	3	3.23117329	3.23117329	DIESEL T4	2030				649	6,291 hrs	0 hrs	6,291 hrs	75-119
Excavation	3	E - Sweepers/Scrubbers	1	4.30823105	4.30823105	electric	2030				649	2,796 hrs	0 hrs	2,796 hrs	50-74
Excavation	3	ER- Graders	2	6	6	DIESEL T4	2030				649	7,788 hrs	7,788 hrs	0 hrs	175-299
Excavation	3	ER -Rubber Tired Dozers	1	6	6	DIESEL T4	2030				649	3,894 hrs	3,894 hrs	0 hrs	120-174
Excavation	3	ER -Excavators	1	6	6	DIESEL T4	2030				649	3,894 hrs	3,894 hrs	0 hrs	175-299
Excavation	3	ER -Trenchers	1	6	6	DIESEL T4	2030				649	3,894 hrs	3,894 hrs	0 hrs	75-119
Excavation	3	ER - Off-Highway Trucks	1	8	8	DIESEL T4	2030				649	5,192 hrs	5,192 hrs	0 hrs	300-599
Excavation	3	ER - Skid Steer Loaders	2	6	6	DIESEL T4	2030				649	7,788 hrs	7,788 hrs	0 hrs	75-119
Excavation	3	ER - Pressure Washers	1	1	1	DIESEL T4 - (goes electric in	2030				649	649 hrs	65 hrs	584 hrs	<25
Excavation	3	ER - Plate Compactors	1	8	8	DIESEL T4	2030				649	5,192 hrs	5,192 hrs	0 hrs	<25

Source: DTW_EIR Schedule Equipment_2020.06.12_Caltrain Removed_kfh

		Days	Block	Days
A1	Site Preparation	63 days	A1	63 days
	Building Construction	652 days		652 days
	Paving	47 days		47 days
	Arc. Coating	47 days		47 days
			B1	60 days
B1	Site Preparation	60 days		631 days
	Building Construction	631 days		45 days
	Paving	45 days		45 days
	Arc. Coating	45 days	C1	63 days
				651 days
C1	Site Preparation	63 days		651 days
	Building Construction	651 days		47 days
	Paving	651 days	C2	63 days
	Arc. Coating	47 days		677 days
				49 days
C2	Site Preparation	63 days		49 days
	Building Construction	677 days	C3	50 days
	Paving	49 days		526 days
	Arc. Coating	49 days		37 days
				37 days
C3	Site Preparation	50 days	D1	50 days
	Building Construction	526 days		526 days
	Paving	37 days		38 days
	Arc. Coating	37 days		38 days
			D4	54 days
D1	Site Preparation	50 days		568 days
	Building Construction	526 days		41 days
	Paving	38 days		41 days
	Arc. Coating	38 days	D5-D6	54 days
				569 days
D4	Site Preparation	54 days		41 days
	Building Construction	568 days		41 days
	Paving	41 days	D7	56 days
	Arc. Coating	41 days		589 days
				42 days
D5-D6	Site Preparation	54 days		42 days
	Building Construction	569 days	D8-D13	109 days
	Paving	41 days		1,111 days
	Arc. Coating	41 days		81 days
				81 days
D7	Site Preparation	56 days	E1.1	44 days
	Building Construction	589 days		464 days
	Paving	42 days		33 days
	Arc. Coating	42 days		33 days
			E1.2	56 days
D8-D13	Site Preparation	109 days		590 days
	Building Construction	1,111 days		42 days
	Paving	81 days		42 days
	Arc. Coating	81 days	F1-F2	58 days
				610 days

E1.1	Site Preparation	44 days		44 days
	Building Construction	464 days		44 days
	Paving	33 days	F3	50 days
	Arc. Coating	33 days		526 days
				38 days
E1.2	Site Preparation	56 days		38 days
	Building Construction	590 days	F4	58 days
	Paving	42 days		610 days
	Arc. Coating	42 days		44 days
				44 days
F1-F2	Site Preparation	58 days	F5	69 days
	Building Construction	610 days		714 days
	Paving	44 days		52 days
	Arc. Coating	44 days		52 days
			F6	54 days
F3	Site Preparation	50 days		569 days
	Building Construction	526 days		41 days
	Paving	38 days		41 days
	Arc. Coating	38 days	G1	56 days
				588 days
F4	Site Preparation	58 days		42 days
	Building Construction	610 days		42 days
	Paving	44 days	H1	56 days
	Arc. Coating	44 days		589 days
				42 days
F5	Site Preparation	69 days		42 days
	Building Construction	714 days	H2	48 days
	Paving	52 days		505 days
	Arc. Coating	52 days		36 days
				36 days
F6	Site Preparation	54 days	H3	61 days
	Building Construction	569 days		631 days
	Paving	41 days		45 days
	Arc. Coating	41 days		45 days
			H4	48 days
G1	Site Preparation	56 days		506 days
	Building Construction	588 days		36 days
	Paving	42 days		36 days
	Arc. Coating	42 days	150 SM	50 days
				526 days
H1	Site Preparation	56 days		38 days
	Building Construction	589 days		38 days
	Paving	42 days	40 SM	44 days
	Arc. Coating	42 days		464 days
				33 days
H2	Site Preparation	48 days		33 days
	Building Construction	505 days	LTA B1-1	4 days
	Paving	36 days	LTA B1-2	4 days
	Arc. Coating	36 days	LTA B1-3	24 days
			LTA B1-4	9 days
H3	Site Preparation	61 days	LTA B1-4	9 days
	Building Construction	631 days		
	Paving	45 days		
	Arc. Coating	45 days		
H4	Site Preparation	48 days		

	Building Construction	506 days
	Paving	36 days
	Arc. Coating	36 days
150 SM	Site Preparation	50 days
	Building Construction	526 days
	Paving	38 days
	Arc. Coating	38 days
40 SM	Site Preparation	44 days
	Building Construction	464 days
	Paving	33 days
	Arc. Coating	33 days
LTA B1-1	Paving	4 days
LTA B1-2	Paving	4 days
LTA B1-3	Paving	24 days
LTA B1-4	Paving	9 days
LTA B1-4	Paving	9 days

Equipment	CalEEMod Default HP	Load Factor	HP Bin	Fuel Type	% Diesel	Notes
Aerial Lifts	63	0.3082	50-74	Electric	0.00%	
Air Compressors	78	0.48	75-119	Electric	0.00%	
Cement and Mortar Mixers	9	0.56	<25	Electric	0.00%	
Cement and Mortar Mixers - E	9	0.56	<25	Electric	0.00%	
Concrete Pumps	84	0.74	75-119	Diesel	100.00%	
Concrete Saw	81	0.73	75-119	Electric	0.00%	
Concrete/Industrial Saws	84	0.73	75-119	Electric	0.00%	
Cranes	231	0.29	175-299	Diesel	10.00%	
Cranes (220 HP mobile crane)	220	0.29	175-299	Diesel	100.00%	
Excavator	158	0.3819	120-174	Diesel	100.00%	
Excavators	158	0.3819	120-174	Diesel	100.00%	
Excavator (Small 150 HP)	150	0.3819	120-174	Diesel	100.00%	
Forklifts	89	0.2	75-119	Electric	0.00%	
Generator Sets	84	0.74	75-119	Electric	0.00%	
Off-Highway Trucks	402	0.3819	300-599	Diesel	100.00%	
Pavers	130	0.4154	120-174	Diesel	100.00%	
Pile Drivers	470	0.29	300-599	Diesel	100.00%	
Plate Compactors	8	0.43	<25	Diesel	100.00%	Plate Compactors are gasoline, "diesel" is used for determining use of electric equipment.
Pressure Washer	13	0.3	<25	Diesel	10.00%	Pressure Washers are gasoline, "diesel" is used for determining use of electric equipment.
Pumps	84	0.74	75-119	Diesel	30.00%	Pumps are gasoline, "diesel" is used for determining use of electric equipment.
Rollers	80	3.752	75-119	Diesel	100.00%	
Rubber Tired Dozers	247	0.4	175-299	Diesel	100.00%	
Skid-Steer Loaders	65	0.3685	50-74	Diesel	100.00%	
Surfacing Equipment	263	0.3015	175-299	Diesel	100.00%	
Sweepers/Scrubbers	64	0.4556	50-74	Electric	0.00%	
Tractors/Loaders/Backhoes	97	0.37	75-119	Diesel	100.00%	
Trench Roller (25 HP)	25	0.45	25-49	Diesel	100.00%	
Water Trucks	402	0.3819	300-599	Diesel	100.00%	
Welders	46	0.45	25-49	Electric	0.00%	
Source:	CalEEMod 2016.3.2					
E - Excavators	270	0.38	175-299	Diesel	100.00%	
E - Rubber Tired Dozers	170	0.4	120-174	Diesel	100.00%	
E - Off-Highway Trucks	300	0.38	300-599	Diesel	100.00%	
E - Pressure Washers	13	0.3	<25	Diesel	10.00%	Pressure Washers are gasoline, "diesel" is used for determining use of electric equipment.
E - Pumps	84	0.74	75-119	Diesel	30.00%	Pumps are gasoline, "diesel" is used for determining use of electric equipment.
E - Bore/Drill Rigs	350	0.5	300-599	Diesel	100.00%	
E - Ground anchoring	215	0.3	175-299	Diesel	100.00%	
E - Mobile Concrete Pump - Tier 4 Dies	350	0.4	300-599	Diesel	100.00%	
E - Tractors/Loaders/Backhoes	103	0.37	75-119	Diesel	100.00%	
E - Aerial Lifts	63	0.31	50-74	Electric	0.00%	
E - Air Compressors	78	0.48	75-119	Electric	0.00%	
E - Generator Sets	84	0.74	75-119	Electric	0.00%	
E - Sweepers/Scrubbers	64	0.46	50-74	Electric	0.00%	
ER- Graders	187	0.41	175-299	Diesel	100.00%	
ER -Rubber Tired Dozers	170	0.4	120-174	Diesel	100.00%	
ER -Excavators	270	0.2	175-299	Diesel	100.00%	
ER -Trenchers	78	0.5	75-119	Diesel	100.00%	
ER - Off-Highway Trucks	300	0.38	300-599	Diesel	100.00%	
ER - Skid Steer Loaders	103	0.37	75-119	Diesel	100.00%	
ER - Pressure Washers	13	0.3	<25	Diesel	10.00%	Pressure Washers are gasoline, "diesel" is used for determining use of electric equipment.
ER - Plate Compactors	8	0.04	<25	Diesel	100.00%	Plate Compactors are gasoline, "diesel" is used for determining use of electric equipment.

Source: CAP Summary Excel Sheet

Note: Plate Compactors are Gasoline but listed as diesel for eas of quantification. Emission Factors are based on gasoline engines.

Downtown West San Jose Mixed Use Proiect
Project Schedule by Year

		Equipment Usage Dates		Duration											
Block #	Phase	Start	End	Total Days per Machine	Working days (Mon-Sat)	year	days	% total	Year	NR sqft	R sqft	Units	Equipment	Vehicle Trips: Worker Trips	Vehicle Trips: Vendor Trips
A1	Site Preparation	April 1, 2027	June 16, 2027	76 days	65 days	2027	65 days	100.00%	2027	1,233,500	0	0	36	90	0
A1	Building Construction	June 16, 2027	July 16, 2029	762 days	653 days	2027	171 days	26.19%	2027				32	518	202
A1	Building Construction					2028	313 days	47.95%	2028				32	518	202
A1	Building Construction					2029	169	25.86%	2029				32	518	202
A1	Paving	July 16, 2029	September 11, 2029	57 days	49 days	2029	49 days	100.00%	2029				15	38	0
A1	Arc. Coating	September 11, 2029	November 8, 2029	57 days	49 days	2029	49 days	100.00%	2029				5	104	0
B1	Site Preparation	October 1, 2026	December 13, 2026	74 days	63 days	2026	63 days	100.00%	2026	795,000	0	0	35	88	0
B1	Building Construction	December 13, 2026	December 18, 2028	736 days	631 days	2026	66 days	10.46%	2026				29	334	130
B1	Building Construction					2027	313 days	49.62%	2027				29	334	130
B1	Building Construction					2028	252 days	39.92%	2028				29	334	130
B1	Paving	December 18, 2028	February 11, 2029	55 days	47 days	2028	12 days	25.36%	2028				12	30	0
B1	Paving					2029	35 days	74.64%	2029				12	30	0
B1	Arc. Coating	February 11, 2029	April 8, 2029	55 days	47 days	2029	47 days	100.00%	2029				2	67	0
C1	Site Preparation	September 1, 2029	November 16, 2029	76 days	65 days	2029	65 days	100.00%	2029	5,200	975,800	1,190	46	115	0
C1	Building Construction	November 16, 2029	December 16, 2031	760 days	651 days	2029	39 days	5.99%	2029				37	859	128
C1	Building Construction					2030	313 days	48.05%	2030				37	859	128
C1	Building Construction					2031	299 days	45.96%	2031				37	859	128
C1	Paving	December 16, 2031	February 11, 2032	57 days	49 days	2031	29 days	59.36%	2031				10	25	0
C1	Paving					2032	20 days	40.64%	2032				10	25	0
C1	Arc. Coating	February 11, 2032	April 8, 2032	57 days	49 days	2032	49 days	100.00%	2032				5	172	0
C2	Site Preparation	April 1, 2029	June 16, 2029	76 days	65 days	2029	65 days	100.00%	2029	680,000	0	0	40	100	0
C2	Building Construction	June 16, 2029	July 16, 2031	761 days	652 days	2029	170 days	26.07%	2029				30	286	111
C2	Building Construction					2030	313 days	48.00%	2030				30	286	111
C2	Building Construction					2031	169 days	25.93%	2031				30	286	111
C2	Paving	July 16, 2031	September 11, 2031	57 days	49 days	2031	49 days	100.00%	2031				12	30	0
C2	Arc. Coating	September 11, 2031	November 8, 2031	57 days	49 days	2031	49 days	100.00%	2031				2	57	0

Downtown West San Jose Mixed Use Proiect
Construction Onroad Worker and Vendor Trips

Downtown West San Jose Mixed Use Proiect
Project Schedule by Year

Downtown West San Jose Mixed Use Proiect
Construction Onroad Worker and Vendor Trips

		Equipment Usage Dates		Duration										Vehicle Trips	
Block #	Phase	Start	End	Total Days per Machine	Working days (Mon-Sat)	year	days	% total	Year	NR sqft	R sqft	Units	Equipment	Worker Trips	Vendor Trips
C3	Site Preparation	January 1, 2030	March 3, 2030	61 days	53 days	2030	53 days	100.00%	2030	66,000	139,400	170	14	35	0
C3	Building Construction	March 3, 2030	November 6, 2031	614 days	526 days	2030	237 days	45.06%	2030				9	150	29
C3	Building Construction					2031	289 days	54.94%	2031				9	150	29
C3	Paving	November 6, 2031	December 22, 2031	46 days	39 days	2031	39 days	100.00%	2031				5	13	0
C3	Arc. Coating	December 22, 2031	February 7, 2032	46 days	39 days	2031	9 days	22.82%	2031				1	30	0
C3	Arc. Coating					2032	30 days	77.18%	2032				1	30	0
D1	Site Preparation	January 1, 2029	March 3, 2029	61 days	53 days	2029	53 days	100.00%	2029	14,000	410,000	500	13	33	0
D1	Building Construction	March 3, 2029	November 7, 2030	614 days	527 days	2029	260 days	49.37%	2029				9	366	56
D1	Building Construction					2030	267 days	50.63%	2030				9	366	56
D1	Paving	November 7, 2030	December 23, 2030	46 days	39 days	2030	39 days	100.00%	2030				6	15	0
D1	Arc. Coating	December 23, 2030	February 8, 2031	46 days	39 days	2030	8 days	20.25%	2030				1	73	0
D1	Arc. Coating					2031	31 days	79.75%	2031				1	73	0
D4	Site Preparation	April 1, 2029	June 6, 2029	66 days	57 days	2029	57 days	100.00%	2029	749,000	0	0	27	68	0
D4	Building Construction	June 6, 2029	March 31, 2031	663 days	568 days	2029	183 days	32.19%	2029				17	315	123
D4	Building Construction					2030	313 days	55.06%	2030				17	315	123
D4	Building Construction					2031	72 days	12.75%	2031				17	315	123
D4	Paving	March 31, 2031	May 20, 2031	50 days	43 days	2031	43 days	100.00%	2031				8	20	0
D4	Arc. Coating	May 20, 2031	July 9, 2031	50 days	43 days	2031	43 days	100.00%	2031				1	63	0
D5-D6	Site Preparation	October 1, 2023	December 6, 2023	66 days	57 days	2023	57 days	100.00%	2023	56,500	0	0	12	30	0
D5-D6	Building Construction	December 6, 2023	September 30, 2025	664 days	569 days	2023	22 days	3.87%	2023				9	24	9
D5-D6	Building Construction					2024	313 days	54.99%	2024				9	24	9
D5-D6	Building Construction					2025	234 days	41.14%	2025				9	24	9
D5-D6	Paving	September 30, 2025	November 19, 2025	50 days	43 days	2025	43 days	100.00%	2025				6	15	0
D5-D6	Arc. Coating	November 19, 2025	January 8, 2026	50 days	43 days	2025	37 days	86.68%	2025				1	5	0
D5-D6	Arc. Coating					2026	6 days	13.32%	2026				1	5	0
D7	Site Preparation	July 1, 2025	September 7, 2025	69 days	59 days	2025	59 days	100.00%	2025	584,000	0	0	19	48	0
D7	Building Construction	September 7, 2025	July 27, 2027	688 days	590 days	2025	99 days	16.79%	2025				17	245	96
D7	Building Construction					2026	313 days	53.08%	2026				17	245	96
D7	Building Construction					2027	178 days	30.14%	2027				17	245	96
D7	Paving	July 27, 2027	September 17, 2027	52 days	44 days	2027	44 days	100.00%	2027				6	15	0
D7	Arc. Coating	September 17, 2027	November 8, 2027	52 days	44 days	2027	44 days	100.00%	2027				1	49	0
D8-D13	Site Preparation	June 1, 2023	October 8, 2023	130 days	111 days	2023	111 days	100.00%	2023	56,400	0	0	17	43	0
D8-D13	Building Construction	October 8, 2023	April 27, 2027	1,297 days	1,112 days	2023	72 days	6.48%	2023				18	24	9
D8-D13	Building Construction					2024	313 days	28.16%	2024				18	24	9
D8-D13	Building Construction					2025	313 days	28.16%	2025				18	24	9
D8-D13	Building Construction					2026	313 days	28.16%	2026				18	24	9
D8-D13	Building Construction					2027	101 days	9.05%	2027				18	24	9
D8-D13	Paving	April 27, 2027	August 2, 2027	97 days	83 days	2027	83 days	100.00%	2027				6	15	0
D8-D13	Arc. Coating	August 2, 2027	November 8, 2027	97 days	83 days	2027	83 days	100.00%	2027				1	5	0
E1.1	Site Preparation	January 1, 2024	February 24, 2024	54 days	46 days	2024	46 days	100.00%	2024	43,000	697,000	850	27	68	0
E1.1	Building Construction	February 24, 2024	August 18, 2025	542 days	464 days	2024	267 days	57.51%	2024				25	630	98
E1.1	Building Construction					2025	197 days	42.49%	2025				25	630	98
E1.1	Paving	August 18, 2025	September 28, 2025	41 days	35 days	2025	35 days	100.00%	2025				8	20	0
E1.1	Arc. Coating	September 28, 2025	November 8, 2025	41 days	35 days	2025	35 days	100.00%	2025				1	126	0
E1.2	Site Preparation	October 1, 2023	December 8, 2023	69 days	59 days	2023	59 days	100.00%	2023	1,120,000	0	0	30	75	0
E1.2	Building Construction	December 8, 2023	October 27, 2025	689 days	590 days	2023	20 days	3.39%	2023				33	470	184
E1.2	Building Construction					2024	313 days	53.01%	2024				33	470	184
E1.2	Building Construction					2025	257 days	43.60%	2025				33	470	184
E1.2	Paving	October 27, 2025	December 18, 2025	52 days	44 days	2025	44 days	100.00%	2025				15	38	0
E1.2	Arc. Coating	December 18, 2025	February 8, 2026	52 days	44 days	2025	12 days	27.10%	2025				5	94	0
E1.2	Arc. Coating					2026	32 days	72.90%	2026				5	94	0
F1-F2	Site Preparation	June 1, 2024	August 11, 2024	71 days	61 days	2024	61 days	100.00%	2024	1,881,000	0	0	44	110	0
F1-F2	Building Construction	August 11, 2024	July 24, 2026	712 days	610 days	2024	122 days	19.99%	2024				38	790	308
F1-F2	Building Construction					2025	313 days	51.29%	2025				38	790	308
F1-F2	Building Construction					2026	175 days	28.72%	2026				38	790	308
F1-F2	Paving	July 24, 2026	September 15, 2026	53 days	46 days	2026	46 days	100.00%	2026				20	50	0
F1-F2	Arc. Coating	September 15, 2026	November 8, 2026	53 days	46 days	2026	46 days	100.00%	2026				5	158	0
F3	Site Preparation	March 1, 2025	May 1, 2025	61 days	53 days	2025	53 days	100.00%	2025	902,000	0	0	12	30	0
F3	Building Construction	May 1, 2025	January 5, 2027	614 days	527 days	2025	210 days	39.88%	2025				9	379	148
F3	Building Construction					2026	313 days	59.43%	2026				9	379	148
F3	Building Construction					2027	4 days	0.69%	2027				9	379	148
F3	Paving	January 5, 2027	February 20, 2027	46 days	39 days	2027	39 days	100.00%	2027				6	15	0
F3	Arc. Coating	February 20, 2027	April 8, 2027	46 days	39 days	2027	39 days	100.00%	2027				1	76	0
F4	Site Preparation	June 1, 2024	August 11, 2024	71 days	61 days	2024	61 days	100.00%	2024	132,000	291,100	355	15	38	0
F4	Building Construction	August 11, 2024	July 24, 2026	712 days	610 days	2024	122 days	19.99%	2024				13	311	60
F4	Building Construction					2025	313 days	51.29%	2025				13	311	60
F4	Building Construction					2026	175 days	28.72%	2026				13	311	60
F4	Paving	July 24, 2026	September 15, 2026	53 days	46 days	2026	46 days	100.00%	2026				6	15	0
F4	Arc. Coating	September 15, 2026	November 8, 2026	53 days	46 days	2026	46 days	100.00%	2026				1	62	0
F5	Site Preparation	October 1, 2022	December 23, 2022	83 days	71 days	2022	71 days	100.00%	2022	87,000	0	0	12	30	0
F5	Building Construction	December 23, 2022	April 4, 2025	834 days	715 days	2022	8 days	1.12%	2022				8	37	14
F5	Building Construction					2023	313 days	43.81%	2023				8	37	14
F5	Building Construction					2024	313 days	43.81%	2024				8	37	14
F5	Building Construction					2025	81 days	11.27%	2025				8	37	14
F5	Paving	April 4, 2025	June 6, 2025	63 days	54 days	2025	54 days	100.00%	2025				6	15	0
F5	Arc. Coating	June 6, 2025	August 8, 2025	63 days	54 days	2025	54 days	100.00%	2025				1	7	0
F6	Site Preparation	October 1, 2022	December 23, 2022	83 days	71 days	2022	71 days	100.00%	2022	13,000	287,000	350	12	30	0
F6	Building Construction	December 23, 2022	April 4, 2025	834 days	715 days	2022	8 days	1.12%	2022				8	257	40
F6	Building Construction					2023	313 days	43.81%	2023				8	257	40
F6	Building Construction					2024	313 days	43.81%	2024				8	257	40
F6	Building Construction					2025	81 days	11.27%	2025				8	257	40

Downtown West San Jose Mixed Use Proiect
Project Schedule by Year

Block #	Phase	Equipment Usage Dates		Duration					Year	NR sqft	R sqft	Units	Vehicle Trips		
		Start	End	Total Days per Machine	Working days (Mon-Sat)	year	days	% total					Equipment	Worker Trips	Vendor Trips
F6	Paving	April 4, 2025	June 6, 2025	63 days	54 days	2025	54 days	100.00%	2025				6	15	0
F6	Arc. Coating	June 6, 2025	August 8, 2025	63 days	54 days	2025	54 days	100.00%	2025				1	51	0
G1	Site Preparation	January 1, 2025	March 10, 2025	69 days	59 days	2025	59 days	100.00%	2025	905,500	0	0	15	38	0
G1	Building Construction	March 10, 2025	January 26, 2027	686 days	588 days	2025	225 days	38.24%	2025				15	380	148
G1	Building Construction					2026	313 days	53.20%	2026				15	380	148
G1	Building Construction					2027	50 days	8.56%	2027				15	380	148
G1	Paving	January 26, 2027	March 18, 2027	51 days	44 days	2027	44 days	100.00%	2027				6	15	0
G1	Arc. Coating	March 18, 2027	May 9, 2027	51 days	44 days	2027	44 days	100.00%	2027				1	76	0
H1	Site Preparation	July 1, 2024	September 7, 2024	69 days	59 days	2024	59 days	100.00%	2024	6,500	352,600	430	15	38	0
H1	Building Construction	September 7, 2024	July 27, 2026	688 days	590 days	2024	99 days	16.79%	2024				12	312	47
H1	Building Construction					2025	313 days	53.08%	2025				12	312	47
H1	Building Construction					2026	178 days	30.14%	2026				12	312	47
H1	Paving	July 27, 2026	September 17, 2026	52 days	44 days	2026	44 days	100.00%	2026				6	15	0
H1	Arc. Coating	September 17, 2026	November 8, 2026	52 days	44 days	2026	44 days	100.00%	2026				1	62	0
H2	Site Preparation	January 1, 2029	February 28, 2029	59 days	51 days	2029	51 days	100.00%	2029	9,000	270,600	330	12	30	0
H2	Building Construction	February 28, 2029	October 11, 2030	590 days	505 days	2029	263 days	52.04%	2029				8	241	37
H2	Building Construction					2030	242 days	47.96%	2030				8	241	37
H2	Paving	October 11, 2030	November 24, 2030	44 days	38 days	2030	38 days	100.00%	2030				8	241	37
H2	Arc. Coating	November 24, 2030	January 8, 2031	44 days	38 days	2030	32 days	84.43%	2030				6	15	0
H2	Arc. Coating					2031	6 days	15.57%	2031				1	48	0
H3	Site Preparation	July 1, 2025	September 12, 2025	74 days	63 days	2025	63 days	100.00%	2025	96,500	938,900	1,145	32	80	0
H3	Building Construction	September 12, 2025	September 19, 2027	737 days	632 days	2025	105 days	16.63%	2025				28	865	138
H3	Building Construction					2026	313 days	49.56%	2026				28	865	138
H3	Building Construction					2027	214 days	33.81%	2027				28	865	138
H3	Paving	September 19, 2027	November 13, 2027	55 days	47 days	2027	47 days	100.00%	2027				10	25	0
H3	Arc. Coating	November 13, 2027	January 8, 2028	55 days	47 days	2027	42 days	88.67%	2027				4	173	0
H3	Arc. Coating					2028	5 days	11.33%	2028				4	173	0
H4	Site Preparation	February 1, 2027	April 1, 2027	59 days	51 days	2027	51 days	100.00%	2027	16,500	475,600	580	15	38	0
H4	Building Construction	April 1, 2027	November 11, 2028	590 days	506 days	2027	263 days	51.97%	2027				13	425	65
H4	Building Construction					2028	243 days	48.03%	2028				13	425	65
H4	Paving	November 11, 2028	December 25, 2028	44 days	38 days	2028	38 days	100.00%	2028				6	15	0
H4	Arc. Coating	December 25, 2028	February 8, 2029	44 days	38 days	2028	6 days	15.81%	2028				1	85	0
H4	Arc. Coating					2029	32 days	84.19%	2029				1	85	0
150 SM	Site Preparation	October 1, 2024	December 1, 2024	61 days	53 days	2024	53 days	100.00%	2024	17,200	0	0	11	28	0
150 SM	Building Construction	December 1, 2024	August 7, 2026	614 days	527 days	2024	26 days	4.94%	2024				11	7	3
150 SM	Building Construction					2025	313 days	59.43%	2025				11	7	3
150 SM	Building Construction					2026	188 days	35.63%	2026				11	7	3
150 SM	Paving	August 7, 2026	September 22, 2026	46 days	39 days	2026	39 days	100.00%	2026				6	15	0
150 SM	Arc. Coating	September 22, 2026	November 8, 2026	46 days	39 days	2026	39 days	100.00%	2026				1	1	0
40 SM	Site Preparation	January 1, 2024	February 24, 2024	54 days	46 days	2024	46 days	100.00%	2024	11,700	0	0	11	28	0
40 SM	Building Construction	February 24, 2024	August 18, 2025	542 days	464 days	2024	267 days	57.51%	2024				11	5	2
40 SM	Building Construction					2025	197 days	42.49%	2025				11	5	2
40 SM	Paving	August 18, 2025	September 28, 2025	41 days	35 days	2025	35 days	100.00%	2025				6	15	0
40 SM	Arc. Coating	September 28, 2025	November 8, 2025	41 days	35 days	2025	35 days	100.00%	2025				1	1	0
LTA B1-1	Paving	July 1, 2025	July 6, 2025	5 days	4 days	2025	4 days	100.00%	2025	0	0	0	4	10	0
LTA B1-2	Paving	July 8, 2025	July 13, 2025	5 days	4 days	2025	4 days	100.00%	2025	0	0	0	4	10	0
LTA B1-3	Paving	July 15, 2025	August 12, 2025	28 days	24 days	2025	24 days	100.00%	2025	0	0	0	4	10	0
LTA B1-4	Paving	August 13, 2025	August 23, 2025	10 days	9 days	2025	9 days	100.00%	2025	0	0	0	4	10	0
LTA B1-4	Paving	August 24, 2025	September 3, 2025	10 days	9 days	2025	9 days	100.00%	2025	0	0	0	4	10	0

Downtown West San Jose Mixed Use Proiect
Construction Onroad Worker and Vendor Trips

Trip Determination

Worker	Vendor	
2.5	0	oneway trips per equipment in each phase (all other) - 1.25 round trips per piece of equipment.
0.72	0.1069	oneway trips per DU - Residential Trip Rates - BC
0.42	0.1639	oneway trips per sqft - NR Trip rates - BC
20% of BC	0	oneway trips per DU - Residential Trip Rates - AC
20% of BC	0	oneway trips per sqft - NR Trip rates - AC

Emissions from Equipment <25 hp

Updated: 13-May

Plate Compactors - Gasoline

To calculate emissions associated with gasoline plate compactors

CARB SORE Regulation: https://ww2.arb.ca.gov/sore-current-regulations-and-regulatory-history
EPA Spark Ignition EFs: https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=P10081YF.TXT

Equipment Name: Plate Compactors
Horsepower: 8
Displacement: <225 cc

EPA EFs - Phase 3, 4-Stroke g/bhp-hr

	<225 cc	>225 cc
HC	4.18	3.17
NOX	1.04	1.01
PM	0.18	0.06
BFSC	0.921	0.735

Conversions

hp per kW	1.34102	
TOG/THC (4-Stroke Gasoline)	1.043	EPA 2010, assumes ROG = VOC: https://nepis.epa.gov/Exe/ZyPDF.cgi/P10081RP.PDF?Dockey=P10081RP.PDF
VOC/THC (4-Stroke Gasoline)	0.933	EPA 2010, assumes ROG = VOC: https://nepis.epa.gov/Exe/ZyPDF.cgi/P10081RP.PDF?Dockey=P10081RP.PDF
ROG/THC	0.933	Assumes ROG = VOC
PM10 per PM	0.994	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - GASOLINE
PM2.5 per PM	0.992	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - GASOLINE
grams per pound	453.592	
pounds per ton	2000	
grams per metric ton	1,000,000	
gasoline density (lbs/gal)	6.170	USEPA AP-42, APPENDIX A MISCELLANEOUS DATA AND CONVERSION FACTORS
GWP - CH4	25	
GWP - N2O	298	

Emission Factors Used	EPA	Climate Registry		
ROG	3.900		g/bhp-hr	
NOX	1.040		g/bhp-hr	
PM10	0.1789		g/bhp-hr	
PM2.5	0.1786		g/bhp-hr	
BSFC	0.9210		lb/hp-hr	
CO2		8887	g/gal	https://www.epa.gov/energy/greenhouse-gases-equivalencies-calculator-calculations-and-references
		1326.568395	g/hp-hr	
CH4		5.683	g/gal	4-stroke
		0.848305186	g/hp-hr	
N2O		0.195	g/gal	4-stroke
		0.02910778	gr/hp-hr	
CO2	4.031072104		MT/kg	
CH4	0.000005683		MT/gal	
N2O	0.000000195		MT/gal	
gallons	0.149270665		gallons/hp-hr	

Pressure Washers + Cement and Mortar Mixers - Diesel

To calculate emissions associated with diesel Pressure Washers + Cement and Mortar Mixers, the only 2 pieces of equipment <25 hp that are diesel
This is needed because there are no Tier 4 Final EFs in CalEEMod for <25 hp equipment. So this calculation uses the default EFs from CalEEMod to calculate emissions.

Horsepower	HP	HP bin	Unmit fuel	Mit Fuel
Pressure Washers	13	6-15	Diesel	Electric
Cement and Mortar Mixers	9	6-15	Diesel	Electric

Percent Electric hp-hrs 90%

CalEEMod Emission Factors

Table 3.4 OFFROAD Equipment Emission Factors (g/bhp-hr)

Equipment Type	Year	Low HP	High HP	ROG	NOX	PM10	PM2.5	CO2	CH4
Cement and Mortar Mixers	2021	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2022	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2023	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2024	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2025	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	2030	6	15	0.661	4.142	0.161	0.161	568.299	0.059
Cement and Mortar Mixers	Max			0.661	4.142	0.161	0.161	568.299	0.059
Pressure Washers	2021	6	15	0.634	4.441	0.201	0.201	568.299	0.057
Pressure Washers	2022	6	15	0.626	4.39	0.193	0.193	568.299	0.056
Pressure Washers	2023	6	15	0.618	4.345	0.186	0.186	568.299	0.055
Pressure Washers	2024	6	15	0.612	4.305	0.181	0.181	568.299	0.055
Pressure Washers	2025	6	15	0.607	4.269	0.178	0.178	568.299	0.054
Pressure Washers	2030	6	15	0.592	4.164	0.166	0.166	568.3	0.053
Cement and Mortar Mixers	Max			0.634	4.441	0.201	0.201	568.3	0.057

brake-specific fuel consumption = BSFC

Table 4. Emissions and BSFCs for Class I Nonhandheld Small SI Engines (< 225cc)*

Engine Tech Type	HC g/hp-hr	CO g/hp-hr	NO_x g/hp-hr	PM g/hp-hr	BSFC lb/hp-hr
G2N1 (gas 2-stroke nonhandheld Class I, baseline)	207.92	485.81	0.29	7.7	0.870
G4N1S (side-valve, 4-stroke, baseline)	38.99	430.84	2.00	0.06	1.365
G4N1O (overhead-valve, 4-stroke, baseline)	13.39	408.84	1.80	0.06	0.991
G4N1S1 (Phase 1 side-valve, 4-stroke)	8.40	353.69	3.60	0.06	0.921
G4N1O1 (Phase 1 overhead-valve, 4-stroke)	8.40	351.16	3.24	0.06	0.781
G4N1S2 (Phase 2 side-valve, 4-stroke)	7.68	288.24	1.92	0.26	0.921
G4N1O2 (Phase 2 overhead valve, 4-stroke)	6.51	293.01	2.45	0.04	0.781
G4N1S3 (Phase 3 side-valve, 4-stroke)	4.18	238.45	1.04	0.18	0.921
G4N1O3 (Phase 3 overhead valve, 4-stroke)	3.80	242.40	1.42	0.04	0.781

* Assigned NONROAD hp range: 3-6 hp

Table 5. Emissions and BSFCs for Class II Nonhandheld Small SI Engines (≥ 225cc)*

Engine Tech Type	HC g/hp-hr	CO g/hp-hr	NO_x g/hp-hr	PM g/hp-hr	BSFC lb/hp-hr
G2N2 (gas 2-stroke nonhandheld Class II, baseline)	207.92	485.81	0.29	7.7	0.870
G4N2S (side-valve, 4-stroke, baseline)	9.66	430.84	2.06	0.06	0.937
G4N2O (overhead-valve, 4-stroke, baseline)	5.20	408.84	3.50	0.06	0.937
G4N2S1 (Phase 1 side-valve, 4-stroke)	5.50	387.02	4.50	0.06	0.868
G4N2O1 (Phase 1 overhead valve, 4-stroke)	5.20	352.57	3.50	0.06	0.740
G4N2O2 (Phase 2 overhead valve, 4-stroke)	4.16	352.57	2.77	0.06	0.740
G4N23a (Phase 3 overhead-valve, 4-stroke)	3.17	321.94	1.01	0.06	0.735

* Assigned NONROAD hp range: 6-25 hp

Emissions from Equipment <25 hp

Updated: 13-May

Plate Compactors - Gasoline

To calculate emissions associated with gasoline plate compactors

CARB SORE Regulation: https://ww2.arb.ca.gov/sore-current-regulations-and-regulatory-history
EPA Spark Ignition EFs: https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=P10081YF.TXT

Equipment Name: Pump
Horsepower: 84

EPA EFs - Phase 2, 4-Stroke

HC	0.27	g/bhp-hr
NOX	0.69	g/bhp-hr
PM	0.06	g/bhp-hr
BFSC	0.484	lbs/bhp-hr

Conversions

hp per kW	1.34102	
TOG/THC (4-Stroke Gasoline)	1.043	EPA 2010, assumes ROG = VOC: https://nepis.epa.gov/Exe/ZyPDF.cgi/P10081RP.PDF?Dockey=P10081RP.PDF
VOC/THC (4-Stroke Gasoline)	0.933	EPA 2010, assumes ROG = VOC: https://nepis.epa.gov/Exe/ZyPDF.cgi/P10081RP.PDF?Dockey=P10081RP.PDF
ROG/THC	0.933	Assumes ROG = VOC
PM10 per PM	0.994	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - GASOLINE
PM2.5 per PM	0.992	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - GASOLINE
grams per pound	453.592	
pounds per ton	2000	
grams per metric ton	1,000,000	
gasoline density (lbs/gal)	6.170	USEPA AP-42, APPENDIX A MISCELLANEOUS DATA AND CONVERSION FACTORS
GWP - CH4	25	
GWP - N2O	298	

Emission Factors Used	EPA	Climate Registry		
ROG	0.252		g/bhp-hr	
NOX	0.690		g/bhp-hr	
PM10	0.0596		g/bhp-hr	
PM2.5	0.0595		g/bhp-hr	
BSFC	0.4840		lb/hp-hr	
CO2		8887	gr/gal	
		697.132577	gr/hp-hr	
CH4		5.683	g/gal	4-stroke
		0.445797731	g/hp-hr	
N2O		0.195	g/gal	4-stroke
		0.015296596	g/hp-hr	
gallons	0.078444084		gallons/hp-hr	

brake-specific fuel consumption = BSFC

Table 6. Steady-State Emission Factors and BSFCs for Spark-Ignition Engines > 25 HP*

Engine Tech Type	HC g/hp-hr	CO g/hp-hr	NO_x g/hp-hr	PM g/hp-hr	BSFC lb/hp-hr
Uncontrolled					
G2GT25 (gas, 2-stroke, baseline)	208	486	0.29	7.7	1.300
G4GT25 (gas, 4-stroke, baseline)	3.85	107.23	8.43	0.06	0.605
LGT25 (LPG, baseline)	1.68	28.23	11.99	0.05	0.507
NGT25 (CNG, baseline)	24.64	28.23	11.99	0.05	0.507
Phase 1					
G4GT251 (gas, 4-stroke, used for 2-stroke SCCs)	0.85	24.49	1.51	7.7	0.484
G4GT251 (gas, 4-stroke, used for 4-stroke SCCs)	0.59	29.86	1.51	0.06	0.484
LGT251 (LPG)	0.25	24.49	2.10	0.05	0.406
NGT251 (CNG)	3.69	24.49	2.10	0.05	0.406
Phase 2					
G4GT252 (gas, 4-stroke, used for 2-stroke SCCs)	0.28	13.24	0.69	7.7	0.484
G4GT252 (gas, 4-stroke, used for 4-stroke SCCs)	0.27	11.94	0.69	0.06	0.484
LGT252 (LPG)	0.10	3.92	0.85	0.05	0.406
NGT252 (CNG)	1.57	3.92	0.89	0.05	0.406

* There are very few uncontrolled 2-stroke engines >25 hp; these can be found in 2-stroke specialty vehicle cart and pump equipment. For these 2-stroke source classification codes (SCCs), 4-stroke engines are assumed to meet the Phase 1 and Phase 2 standards, with different Phase 1 and Phase 2 emission factors in some cases than the 4-stroke SCCs.

Equipment Type	Year	Low HP	High HP	HP Class	CO2	CH4
Cranes	1990	26	50	**26-50**	568.299	0.467
Cranes	1990	51	120	**51-120**	568.299	0.226
Cranes	1990	121	175	**121-175**	568.299	0.183
Cranes	1990	176	250	**176-250**	568.299	0.183
Cranes	1990	251	500	**251-500**	568.299	0.16
Cranes	1990	501	750	**501-750**	568.299	0.16
Cranes	1990	1001	9999	**1001-9999**	568.299	0.16
Cranes	2000	26	50	**26-50**	568.3	0.418
Cranes	2000	51	120	**51-120**	568.299	0.173
Cranes	2000	121	175	**121-175**	568.299	0.117
Cranes	2000	176	250	**176-250**	568.299	0.101
Cranes	2000	251	500	**251-500**	568.299	0.092
Cranes	2000	501	750	**501-750**	568.299	0.092
Cranes	2000	1001	9999	**1001-9999**	568.299	0.096
Cranes	2005	26	50	**26-50**	568.3	0.378
Cranes	2005	51	120	**51-120**	568.299	0.152
Cranes	2005	121	175	**121-175**	568.299	0.099
Cranes	2005	176	250	**176-250**	568.299	0.076
Cranes	2005	251	500	**251-500**	568.299	0.067
Cranes	2005	501	750	**501-750**	568.299	0.068
Cranes	2005	1001	9999	**1001-9999**	568.299	0.075
Cranes	2010	26	50	**26-50**	575.653	0.168
Cranes	2010	51	120	**51-120**	522.2692	0.152
Cranes	2010	121	175	**121-175**	527.7153	0.154
Cranes	2010	176	250	**176-250**	525.6477	0.153
Cranes	2010	251	500	**251-500**	524.2494	0.153
Cranes	2010	501	750	**501-750**	523.8164	0.152
Cranes	2010	1001	9999	**1001-9999**	524.505	0.153
Cranes	2011	26	50	**26-50**	574.2181	0.168
Cranes	2011	51	120	**51-120**	521.0055	0.152
Cranes	2011	121	175	**121-175**	526.3466	0.154
Cranes	2011	176	250	**176-250**	524.3412	0.153
Cranes	2011	251	500	**251-500**	523.002	0.153
Cranes	2011	501	750	**501-750**	522.4977	0.152
Cranes	2011	1001	9999	**1001-9999**	523.1938	0.153
Cranes	2012	26	50	**26-50**	572.7834	0.168
Cranes	2012	51	120	**51-120**	519.357	0.152
Cranes	2012	121	175	**121-175**	525.0081	0.154
Cranes	2012	176	250	**176-250**	522.9802	0.153
Cranes	2012	251	500	**251-500**	521.6408	0.153
Cranes	2012	501	750	**501-750**	521.1061	0.152
Cranes	2012	1001	9999	**1001-9999**	521.8825	0.153
Cranes	2013	26	50	**26-50**	569.9097	0.168
Cranes	2013	51	120	**51-120**	516.6909	0.152
Cranes	2013	121	175	**121-175**	522.3332	0.154
Cranes	2013	176	250	**176-250**	520.3446	0.153
Cranes	2013	251	500	**251-500**	519.0961	0.153
Cranes	2013	501	750	**501-750**	518.355	0.152
Cranes	2013	1001	9999	**1001-9999**	519.26	0.153
Cranes	2014	26	50	**26-50**	567.0058	0.168
Cement and Mortar	2040	16	25	**<25**	568.299	0.061

Aerial Lift

Composit	**HP**	**HP Range**	**CO2**	**CH4**	**CO2**	**CH4**
Aerial Lifts	63	50-74	515.3353727	0.13290909	515.3353727	0.132909091
Air Compressors	78	75-119	568.2990909	0.07059091	568.2990909	0.070590909
Cement and Mortar Mixers	9	<25	See <25hp Equipment Tab	See <25hp Ec	See <25hp Equip	See <25hp Equipment Tab
Cement and Mortar Mixers - E	9	<25	See <25hp Equipment Tab	See <25hp Ec	See <25hp Equip	See <25hp Equipment Tab
Concrete Pumps	84	75-119	568.2991818	0.05904545	568.2991818	0.059045455
Concrete Saw	81	75-119	568.2992273	0.06272727	568.2992273	0.062727273
Concrete/Industrial Saws	81	75-119	568.2992273	0.06272727	568.2992273	0.062727273
Cranes	231	175-299	516.7826182	0.13036364	516.7826182	0.130363636
Cranes (220 HP mobile crane)	220	175-299	516.7826182	0.13036364	516.7826182	0.130363636
Excavator	158	120-174	515.4981727	0.13090909	515.4981727	0.130909091
Excavators	158	120-174	515.4981727	0.13090909	515.4981727	0.130909091
Excavator (Small 150 HP)	150	120-174	515.4981727	0.13090909	515.4981727	0.130909091
Forklifts	89	75-119	514.8883636	0.13781818	514.8883636	0.137818182
Generator Sets	84	75-119	568.299	0.05668182	568.299	0.056681818
Off-Highway Trucks	402	300-599	517.7957409	0.12813636	517.7957409	0.128136364
Pavers	130	120-174	515.7402773	0.13190909	515.7402773	0.131909091
Pile Drivers	470	300-599	515.3472636	0.12827273	515.3472636	0.128272727
Plate Compactors	8	<25	See <25hp Equipment Tab	See <25hp Ec	See <25hp Equip	See <25hp Equipment Tab
Pressure Washer	13	<25	See <25hp Equipment Tab	See <25hp Ec	See <25hp Equip	See <25hp Equipment Tab
Pumps	84	75-119	568.2991818	0.05904545	568.2991818	0.059045455
Rollers	80	75-119	516.8354727	0.138	516.8354727	0.138
Rubber Tired Dozers	247	175-299	517.4888318	0.13272727	517.4888318	0.132727273
Skid-Steer Loaders	65	50-74	515.5436227	0.135	515.5436227	0.135
Surfacing Equipment	263	175-299	513.8333227	0.125	513.8333227	0.125
Sweepers/Scrubbers	64	50-74	516.8630545	0.13690909	516.8630545	0.136909091
Tractors/Loaders/Backhoes	97	75-119	519.2024545	0.13813636	519.2024545	0.138136364
Trench Roller (25 HP)	25	25-49	557.6449364	0.15272727	557.6449364	0.152727273
Water Trucks	402	300-599	517.7957409	0.12813636	517.7957409	0.128136364
Welders	46	25-49	568.2991818	0.14254545	568.2991818	0.142545455
E - Excavators	270	175-299	513.9650955	0.12618182	513.9650955	0.126181818
E - Rubber Tired Dozers	170	120-174	516.3967273	0.13422727	516.3967273	0.134227273
E - Off-Highway Trucks	300	300-599	517.7957409	0.12813636	517.7957409	0.128136364
E - Pressure Washers	13	<25	See <25hp Equipment Tab	See <25hp Ec	See <25hp Equip	See <25hp Equipment Tab
E - Pumps	84	75-119	568.2991818	0.05904545	568.2991818	0.059045455
E - Bore/Drill Rigs	350	300-599	509.5728409	0.11977273	509.5728409	0.119772727
E - Ground anchoring	215	175-299	513.6097045	0.1285	513.6097045	0.1285
E - Mobile Concrete Pump - Tier 4	350	300-599	568.2992727	0.028	568.2992727	0.028
E - Tractors/Loaders/Backhoes	103	75-119	519.2024545	0.13813636	519.2024545	0.138136364
E - Aerial Lifts	63	50-74	515.3353727	0.13290909	515.3353727	0.132909091
E - Air Compressors	78	75-119	568.2990909	0.07059091	568.2990909	0.070590909
E - Generator Sets	84	75-119	568.299	0.05668182	568.299	0.056681818
E - Sweepers/Scrubbers	64	50-74	516.8630545	0.13690909	516.8630545	0.136909091
ER- Graders	187	175-299	518.3590773	0.02886364	518.3590773	0.028863636
ER -Rubber Tired Dozers	170	120-174	516.3967273	0.13422727	516.3967273	0.134227273
ER -Excavators	270	175-299	513.9650955	0.12618182	513.9650955	0.126181818
ER -Trenchers	78	75-119	518.0317	0.14027273	518.0317	0.140272727
ER - Off-Highway Trucks	300	300-599	517.7957409	0.12813636	517.7957409	0.128136364
ER - Skid Steer Loaders	103	75-119	515.5436227	515.543623	515.5436227	0.135
ER - Pressure Washers	13	<25	See <25hp Equipment Tab	See <25hp Ec	See <25hp Equip	See <25hp Equipment Tab
ER - Plate Compactors	8	<25	See <25hp Equipment Tab	See <25hp Ec	See <25hp Equip	See <25hp Equipment Tab

Source:
Crane, Forklift, Generator Set, Plate Compactor, Pressure Washer, Cement and Mortar Mixers, and Pumps
Tier Adjustment Equipment_V4.xls; GHG Efs tab
<25hp Equipment
Tier Adjustment Equipment V4.xls; <25hpEquipment tab
All Other Equipment
CalEEMod Appendix D table 3.4 Version 2016.3.2

GHG Emission Factors
Source: CalEEMod Appendix D Table 3.4

Row Labels	Average of CO2	Average of CH4
Aerial Lifts	**544.3661947**	**0.125674242**
6	555.7576409	0.149409091
16	555.7575955	0.155863636
26	555.7576864	0.164454545
51	515.3353727	0.132909091
251	515.2898727	0.123227273
501	568.299	0.028181818
Air Compressors	**568.2991212**	**0.065939394**
6	568.2991818	0.082
16	568.2991818	0.090272727
26	568.2990909	0.155363636
51	568.2990909	0.070590909
121	568.2990455	0.049136364
176	568.2990909	0.037363636
251	568.2991364	0.034681818
501	568.2990455	0.034954545
751	568.2992273	0.039090909
Bore/Drill Rigs	**530.9680545**	**0.135722222**
6	565.0934455	0.150954545
16	565.0934455	0.155454545
26	565.0934909	0.170954545
51	505.6556682	0.1295
121	520.0913409	0.126772727
176	513.0101818	0.121727273
251	509.5728409	0.119772727
501	519.8425955	0.122954545
751	515.2594818	0.123409091
Cement and Mortar Mixers	**568.2990455**	**0.077204545**
6	568.2990909	0.069681818
16	568.299	0.084727273
Concrete/Industrial Saws	**568.2991705**	**0.078420455**
16	568.299	0.073090909
26	568.2992273	0.132727273
51	568.2992273	0.062727273
121	568.2992273	0.045136364
Cranes	**520.3258253**	**0.139097403**
26	550.3505273	0.186909091
51	513.5847682	0.139318182
121	517.3157545	0.132545455
176	516.0177409	0.130136364
251	515.3472636	0.128272727
501	514.3748955	0.127590909
1001	515.2898273	0.128909091
Crawler Tractors	**521.3561844**	**0.139305195**

26	548.655	0.1875
51	518.7686	0.141272727
121	515.0428455	0.1315
176	515.9694682	0.129681818
251	517.7388909	0.128318182
501	516.0401955	0.127909091
751	517.2782909	0.128954545
Crushing/Proc. Equipment	**568.299039**	**0.060422078**
26	568.2990455	0.154909091
51	568.2990455	0.070272727
121	568.299	0.049136364
176	568.2990455	0.037727273
251	568.2990909	0.035181818
501	568.2990455	0.035227273
1001	568.299	0.0405
Dumpers/Tenders	**568.2990909**	**0.076863636**
16	568.2990909	0.076863636
Excavators	**525.9340494**	**0.141097403**
16	556.16165	0.151727273
26	556.1616045	0.187045455
51	511.6782545	0.137318182
121	515.4981727	0.130909091
176	515.49525	0.128590909
251	513.9650955	0.126181818
501	512.5783182	0.125909091
Forklifts	**523.80568**	**0.140736364**
26	556.0698136	0.185363636
51	514.8883636	0.137818182
121	515.3293364	0.129090909
176	516.2599409	0.126363636
251	516.4809455	0.125045455
Generator Sets	**568.2990909**	**0.05260101**
6	568.299	0.073
16	568.299	0.080136364
26	568.2991818	0.108909091
51	568.299	0.056681818
121	568.2990455	0.0385
176	568.2991364	0.028863636
251	568.2990909	0.026818182
501	568.2991818	0.027227273
1001	568.2991818	0.033272727
Graders	**528.1101924**	**0.123674242**
26	531.1918773	0.177409091
51	513.7700864	0.137909091
121	521.6632318	0.132045455
176	518.3590773	0.128681818
251	515.3777	0.126454545

501	568.2991818	0.039545455
Off-Highway Tractors	**515.8181545**	**0.133336364**
51	518.0379	0.142954545
121	516.1202318	0.133454545
176	514.1626864	0.130772727
501	515.4800364	0.1295
751	515.2899182	0.13
Off-Highway Trucks	**515.5073336**	**0.128672727**
121	513.7473682	0.130954545
176	513.1701591	0.1285
251	517.7957409	0.128136364
501	517.5181773	0.127863636
751	515.3052227	0.127909091
Other Construction Equipment	**537.0831364**	**0.145090909**
6	558.5450727	0.148954545
16	558.5450727	0.153454545
26	558.5450273	0.177409091
51	514.8221545	0.135681818
121	513.6097045	0.1285
251	518.4317864	0.126545455
Other General Industrial Equipment	**529.1606116**	**0.139353535**
6	556.5985273	0.145363636
16	556.5985273	0.148272727
26	556.5985273	0.185681818
51	513.7215773	0.138136364
121	515.1339091	0.129909091
176	516.1817773	0.127636364
251	515.9572773	0.126090909
501	516.3655545	0.126136364
751	515.2898273	0.126954545
Other Material Handling Equipment	**521.7805144**	**0.138560606**
26	554.7153955	0.184045455
51	516.4606727	0.138636364
121	515.4155955	0.129727273
176	514.8529455	0.126772727
251	513.9485591	0.125227273
1001	515.2899182	0.126954545
Pavers	**528.4944705**	**0.145106061**
16	557.1483864	0.155136364
26	557.1483864	0.187318182
51	513.5317273	0.139545455
121	515.7402773	0.131909091
176	516.3578364	0.130045455
251	511.0402091	0.126681818
Paving Equipment	**530.1317964**	**0.147627273**
16	552.2686227	0.151409091
26	552.2687136	0.185272727

51	516.4276455	0.140136364
121	514.3152136	0.131181818
176	515.3787864	0.130136364
Plate Compactors	**568.2991364**	**0.067909091**
6	568.2991364	0.067909091
Pressure Washers	**568.2990682**	**0.05680303**
6	568.2991364	0.073
16	568.2990455	0.080136364
26	568.2990909	0.084818182
51	568.2991364	0.049818182
121	568.299	0.037636364
176	568.299	0.015409091
Pumps	**568.2991212**	**0.056641414**
6	568.2990455	0.082
16	568.2991364	0.090272727
26	568.2990909	0.117
51	568.2991818	0.059045455
121	568.2990455	0.040272727
176	568.2990909	0.030272727
251	568.2992727	0.028
501	568.2990909	0.028454545
1001	568.2991364	0.034454545
Rollers	**533.9834279**	**0.143863636**
6	556.4506773	0.148227273
16	556.4506773	0.152727273
26	556.4506318	0.180863636
51	516.8354727	0.138
121	515.1700727	0.130454545
176	516.3382545	0.128590909
251	520.1882091	0.128181818
Rough Terrain Forklifts	**522.8841982**	**0.141981818**
26	555.9989818	0.185045455
51	515.9297636	0.138545455
121	514.9542136	0.131136364
176	516.1653136	0.129227273
251	511.3727182	0.125954545
Rubber Tired Dozers	**527.8432809**	**0.117336364**
121	516.3967273	0.134227273
176	517.4888318	0.132727273
251	520.9617182	0.1315
501	516.0699455	0.130090909
751	568.2991818	0.058136364
Rubber Tired Loaders	**522.8015443**	**0.138426136**
16	555.21135	0.152045455
26	555.2114409	0.184772727
51	511.0493864	0.137136364
121	514.5622682	0.129727273

176	513.5880909	0.127590909
251	512.2121273	0.125590909
501	506.0039273	0.123636364
751	514.5737636	0.126909091
Scrapers	**517.7525736**	**0.132554545**
51	524.2008273	0.143409091
121	520.5100955	0.133590909
176	512.8861545	0.129318182
251	515.7126455	0.128272727
501	515.4531455	0.128181818
Signal Boards	**591.9782727**	**0.0669**
6	568.2990455	0.066727273
26	568.2990455	0.125954545
51	568.2990909	0.061045455
121	568.2991818	0.042090909
176	686.695	0.038681818
Skid Steer Loaders	**543.5698591**	**0.155515152**
16	557.5829545	0.156318182
26	557.583	0.175227273
51	515.5436227	0.135
Surfacing Equipment	**523.3469917**	**0.136234848**
26	562.7433909	0.1755
51	515.9236409	0.135818182
121	513.8991364	0.128045455
176	518.80805	0.127727273
251	513.8333227	0.125
501	514.8744091	0.125318182
Sweepers/Scrubbers	**535.7734242**	**0.144257576**
6	555.9515545	0.145363636
16	555.9515545	0.148590909
26	555.9515545	0.181
51	516.8630545	0.136909091
121	516.1046955	0.128409091
176	513.8181318	0.125272727
Tractors/Loaders/Backhoes	**523.9815942**	**0.139058442**
16	547.9775909	0.151681818
26	547.9775909	0.179545455
51	519.2024545	0.138136364
121	512.8255591	0.128409091
176	514.1481909	0.126409091
251	514.5314091	0.125
501	511.2083636	0.124227273
Trenchers	**531.3655847**	**0.142573864**
6	557.6448455	0.147909091
16	557.6449364	0.152727273
26	557.6448909	0.184681818
51	518.0317	0.140272727

121	512.0282045	0.129818182
176	516.5102818	0.129590909
251	514.3797136	0.127363636
501	517.0401045	0.128227273
Welders	**568.2991429**	**0.070655844**
6	568.2992727	0.082
16	568.2990455	0.090272727
26	568.2991818	0.142545455
51	568.2992273	0.066636364
121	568.2990909	0.046045455
176	568.2990455	0.034818182
251	568.2991364	0.032272727
Grand Total	**539.6318605**	**0.116518486**

C1.h **Bridge Emissions**

West San Fernando Bridge Assumptions

	Start	Complete	Duration Months
Demolition	6/1/2022	10/1/2022	4
Abutment/Bent Construction	6/1/2023	10/1/2023	4
Superstructure	10/2/2023	4/1/2024	6

Subphase	Equipment Type	CalEEMod Equipment	Number	Horsepower	Hours/day
Demolition	Excavator	Excavator	2	158	8
Demolition	Tractor/Loader/Backhoes	Tractor/Loader/Backhoes	2	97	8
Demolition	Generator	Generator	2	84	8
Demolition	Mobile Crane	Crane	1	231	8
Demolition	Air Compressor	Air Compressor	1	78	8
Abutment/Bent Construction	Pile Drill Rig	Bore/Drill Rig	1	221	8
Abutment/Bent Construction	Tractor/Loader/Backhoes	Tractor/Loader/Backhoes	2	97	8
Abutment/Bent Construction	Generator	Generator	2	84	8
Abutment/Bent Construction	Mobile Crane	Crane	1	231	8
Abutment/Bent Construction	Concrete Pump	Pump	1	84	8
Abutment/Bent Construction	Air Compressor	Air Compressor	1	78	8
Superstructure	Tractor/Loader/Backhoes	Tractor/Loader/Backhoes	1	97	8
Superstructure	Generator	Generator	2	84	8
Superstructure	Mobile Crane	Crane	1	231	8
Superstructure	Concrete Pump	Pump	1	84	8
Superstructure	Forklifts	Forklifts	2	89	8
Superstructure	Air Compressor	Air Compressor	1	78	8

Quantities		# of Haul Trucks	Roundtrip Haul Truck Trips	Phase
2000	CY concrete	167	333	Abutment/Bent Construction
2000	CY soil removal	167	333	Demolition

Crew of 10 workers for each phase

Bike/Ped Bridge Assumptions

	Start	Complete	Duration Months - total 6 months
Abutment/Bent Construction	5/1/2022	9/1/2022	4
Superstructure	9/2/2022	11/1/2022	2

Subphase	Equipment Type	CalEEMod Equipment	Number	Horsepower	Hours/day
Abutment/Bent Construction	Pile Drill Rig	Bore/Drill Rig	1	221	4
Abutment/Bent Construction	Tractor/Loader/Backhoes	Tractor/Loader/Backhoes	2	97	4
Abutment/Bent Construction	Generator	Generator	2	84	4
Abutment/Bent Construction	Mobile Crane	Crane	1	231	4
Abutment/Bent Construction	Concrete Pump	Pump	1	16	4
Abutment/Bent Construction	Air Compressor	Air Compressor	1	78	4
Superstructure	Tractor/Loader/Backhoes	Tractor/Loader/Backhoes	1	97	4
Superstructure	Generator	Generator	2	84	4
Superstructure	Mobile Crane	Crane	1	231	4
Superstructure	Concrete Pump	Pump	1	84	4
Superstructure	Forklifts	Forklifts	2	89	4
Superstructure	Air Compressor	Air Compressor	1	78	4

Quantities		# of Haul Trucks	Roundtrip Haul Truck Trips	Phase
500	CY concrete	42	83	Abutment/Bent Construction
500	CY soil removal	42	83	Demolition

Crew of 8 workers for each phase

WEST SAN FERNANDO BRIDGE EMISSIONS (tons/year)

Year	Phase	ROG	NOX	PM10 EXH	PM10 FUG	PM2.5 EXH	PM2.5 FUG	CO2e	Value_ROG	Value_NOX	Value_PM10 EXH	Value_PM10 FUG	Value_PM2.5 EXH	Value_PM2.5FUG	Value_CO2e
2022	Demolition	0.0215	0.0931	2.8700e-003	1.3300e-003	2.8700e-003	2.0000e-004	164.7421	0.0215	0.0931	0.00287	0.00133	0.00287	0.0002	164.7421
2023	Abutment/Bent Construction	0.0242	0.1049	3.2300e-003	0	3.2300e-003	0	188.8587	0.0242	0.1049	0.00323	0	0.00323	0	188.8587
2023	Superstructure	0.0134	0.0581	1.7900e-003	0	1.7900e-003	0	107.4494	0.0134	0.0581	0.00179	0	0.00179	0	107.4494
2024	Superstructure	0.0136	0.0589	1.8100e-003	0	1.8100e-003	0	108.8285	0.0136	0.0589	0.00181	0	0.00181	0	108.8285

MITIGATED WEST SAN FERNANDO BRIDGE EMISSIONS (tons/year)

Year	Phase	ROG	NOX	PM10 EXH	PM10 FUG	PM2.5 EXH	PM2.5 FUG	CO2e	Value_ROG	Value_NOX	Value_PM10 EXH	Value_PM10 FUG	Value_PM2.5 EXH	Value_PM2.5FUG	Value_CO2e
2022	Demolition	0.0108	0.0466	1.4300e-003	1.3300e-003	1.4300e-003	2.0000e-004	77.6728	0.0108	0.0466	0.00143	0.00133	0.00143	0.0002	77.6728
2023	Abutment/Bent Construction	0.0101	0.0439	1.3500e-003	0	1.3500e-003	0	72.9093	0.0101	0.0439	0.00135	0	0.00135	0	72.9093
2023	Superstructure	1.4800e-003	6.4200e-003	2.0000e-004	0	2.0000e-004	0	10.7561	0.00148	0.00642	0.0002	0	0.0002	0	10.7561
2024	Superstructure	1.5000e-003	6.5000e-003	2.0000e-004	0	2.0000e-004	0	10.9009	0.0015	0.0065	0.0002	0	0.0002	0	10.9009

PEDESTRIAN BRIDGE EMISSIONS (tons/year)

Year	Phase	ROG	NOX	PM10 EXH	PM10 FUG	PM2.5 EXH	PM2.5 FUG	CO2e	Value_ROG	Value_NOX	Value_PM10 EXH	Value_PM10 FUG	Value_PM2.5 EXH	Value_PM2.5FUG	Value_CO2e
2022	Abutment/Bent Construction	0.0122	0.0530	1.6300e-003	0	1.6300e-003	0	95.2726	0.0122	0.053	0.00163	0	0.00163	0	95.2726
2022	Superstructure	4.4700e-003	0.0194	6.0000e-004	0	6.0000e-004	0	35.8148	0.00447	0.0194	0.0006	0	0.0006	0	35.8148

MITIGATED PEDESTRIAN BRIDGE EMISSIONS (tons/year)

Year	Phase	ROG	NOX	PM10 EXH	PM10 FUG	PM2.5 EXH	PM2.5 FUG	CO2e	Value_ROG	Value_NOX	Value_PM10 EXH	Value_PM10 FUG	Value_PM2.5 EXH	Value_PM2.5FUG	Value_CO2e
2022	Abutment/Bent Construction	5.1100e-003	0.0222	6.8000e-004	0	6.8000e-004	0	36.7408	0.00511	0.0222	0.00068	0	0.00068	0	36.7408
2022	Superstructure	4.9000e-004	2.1400e-003	7.0000e-005	0	7.0000e-005	0	3.5814	0.00049	0.00214	0.00007	0	0.00007	0	3.5814

Pedestrian Bridge - Santa Clara County, Annual

Pedestrian Bridge

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	1.20	1000sqft	1.00	1,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 12x100 foot bridge

Construction Phase - per construction assumptions

Off-road Equipment - per construction assumptions

Off-road Equipment - per Applicant

Off-road Equipment - per construction assumptions

Trips and VMT - 8 workers for all phases

Demolition - none

Energy Use -

Construction Off-road Equipment Mitigation - water 2x day

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	52.00
tblConstructionPhase	NumDays	100.00	106.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	6/14/2022	9/1/2022
tblConstructionPhase	PhaseStartDate	6/15/2022	9/2/2022
tblConstructionPhase	PhaseStartDate	6/1/2022	5/1/2022
tblLandUse	LotAcreage	0.03	1.00
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Cranes

tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblTripsAndVMT	HaulingTripNumber	0.00	83.00
tblTripsAndVMT	HaulingTripNumber	0.00	83.00
tblTripsAndVMT	HaulingTripNumber	0.00	83.00
tblTripsAndVMT	HaulingTripNumber	0.00	83.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00

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					
2022	0.0925	0.8309	0.8934	1.9300e-003	0.0397	0.0388	0.0786	0.0102	0.0375	0.0477	0.0000	169.5327	169.5327	0.0255	0.0000	170.1705
Maximum	**0.0925**	**0.8309**	**0.8934**	**1.9300e-003**	**0.0397**	**0.0388**	**0.0786**	**0.0102**	**0.0375**	**0.0477**	**0.0000**	**169.5327**	**169.5327**	**0.0255**	**0.0000**	**170.1705**

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					
2022	0.0239	0.1171	0.9353	1.9300e-003	0.0397	2.4500e-003	0.0422	0.0102	2.4300e-003	0.0126	0.0000	156.0854	156.0854	0.0246	0.0000	156.7014
Maximum	**0.0239**	**0.1171**	**0.9353**	**1.9300e-003**	**0.0397**	**2.4500e-003**	**0.0422**	**0.0102**	**2.4300e-003**	**0.0126**	**0.0000**	**156.0854**	**156.0854**	**0.0246**	**0.0000**	**156.7014**

	ROG	NOx	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	**74.12**	**85.91**	**-4.69**	**0.00**	**0.00**	**93.69**	**46.33**	**0.00**	**93.52**	**73.57**	**0.00**	**7.93**	**7.93**	**3.41**	**0.00**	**7.92**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-1-2022**	**8-31-2022**	0.4585	0.0591

2	**9-1-2022**	**9-30-2022**	0.1514	0.0296
		Highest	0.4585	0.0591

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	1.0000e-004	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

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	1.0000e-004	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

	ROG	NOx	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**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Abutment/Bent Construction	Building Construction	5/1/2022	9/1/2022	6	106	
2	Superstructure	Building Construction	9/2/2022	11/1/2022	6	52	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1

Residential Indoor: 0; Residential Outdoor: 0; 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
Abutment/Bent Construction	Cranes	1	4.00	231	0.29
Superstructure	Welders	0	0.00	46	0.45
Abutment/Bent Construction	Forklifts	0	0.00	89	0.20
Abutment/Bent Construction	Generator Sets	2	4.00	84	0.74
Abutment/Bent Construction	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Abutment/Bent Construction	Welders	0	0.00	46	0.45
Abutment/Bent Construction	Pumps	1	4.00	84	0.74
Abutment/Bent Construction	Air Compressors	1	4.00	78	0.48

Abutment/Bent Construction	Bore/Drill Rigs	1	4.00	221	0.50
Superstructure	Tractors/Loaders/Backhoes	1	4.00	97	0.37
Superstructure	Generator Sets	2	4.00	84	0.74
Superstructure	Cranes	1	4.00	231	0.29
Superstructure	Pumps	1	4.00	84	0.74
Superstructure	Forklifts	2	4.00	89	0.20
Superstructure	Air Compressors	1	4.00	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
Superstructure	8	16.00	0.00	83.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Superstructure	8	16.00	0.00	83.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Superstructure	8	16.00	0.00	83.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Abutment/Bent Construction	8	16.00	0.00	83.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Abutment/Bent 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	0.0586	0.5434	0.5807	1.2000e-003		0.0261	0.0261		0.0252	0.0252	0.0000	103.8362	103.8362	0.0189	0.0000	104.3089

Total	**0.0586**	**0.5434**	**0.5807**	**1.2000e-003**		**0.0261**	**0.0261**		**0.0252**	**0.0252**	**0.0000**	**103.8362**	**103.8362**	**0.0189**	**0.0000**	**104.3089**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.1000e-004	0.0102	2.3800e-003	3.0000e-005	7.0000e-004	3.0000e-005	7.3000e-004	1.9000e-004	3.0000e-005	2.2000e-004	0.0000	3.0830	3.0830	1.4000e-004	0.0000	3.0864
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4400e-003	1.6200e-003	0.0178	6.0000e-005	6.7300e-003	4.0000e-005	6.7700e-003	1.7900e-003	4.0000e-005	1.8300e-003	0.0000	5.3652	5.3652	1.1000e-004	0.0000	5.3681
Total	**2.7500e-003**	**0.0118**	**0.0202**	**9.0000e-005**	**7.4300e-003**	**7.0000e-005**	**7.5000e-003**	**1.9800e-003**	**7.0000e-005**	**2.0500e-003**	**0.0000**	**8.4482**	**8.4482**	**2.5000e-004**	**0.0000**	**8.4545**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0122	0.0530	0.6291	1.2000e-003		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003	0.0000	94.8146	94.8146	0.0183	0.0000	95.2726
Total	**0.0122**	**0.0530**	**0.6291**	**1.2000e-003**		**1.6300e-003**	**1.6300e-003**		**1.6300e-003**	**1.6300e-003**	**0.0000**	**94.8146**	**94.8146**	**0.0183**	**0.0000**	**95.2726**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.1000e-004	0.0102	2.3800e-003	3.0000e-005	7.0000e-004	3.0000e-005	7.3000e-004	1.9000e-004	3.0000e-005	2.2000e-004	0.0000	3.0830	3.0830	1.4000e-004	0.0000	3.0864
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4400e-003	1.6200e-003	0.0178	6.0000e-005	6.7300e-003	4.0000e-005	6.7700e-003	1.7900e-003	4.0000e-005	1.8300e-003	0.0000	5.3652	5.3652	1.1000e-004	0.0000	5.3681
Total	**2.7500e-003**	**0.0118**	**0.0202**	**9.0000e-005**	**7.4300e-003**	**7.0000e-005**	**7.5000e-003**	**1.9800e-003**	**7.0000e-005**	**2.0500e-003**	**0.0000**	**8.4482**	**8.4482**	**2.5000e-004**	**0.0000**	**8.4545**

3.3 Superstructure - 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	0.0266	0.2428	0.2592	4.6000e-004		0.0125	0.0125		0.0121	0.0121	0.0000	40.1035	40.1035	5.7700e-003	0.0000	40.2477
Total	**0.0266**	**0.2428**	**0.2592**	**4.6000e-004**		**0.0125**	**0.0125**		**0.0121**	**0.0121**	**0.0000**	**40.1035**	**40.1035**	**5.7700e-003**	**0.0000**	**40.2477**

Unmitigated Construction Off-Site

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

Hauling	9.2000e-004	0.0306	7.1300e-003	1.0000e-004	5.2700e-003	9.0000e-005	5.3600e-003	1.3600e-003	9.0000e-005	1.4400e-003	0.0000	9.2489	9.2489	4.2000e-004	0.0000	9.2593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5900e-003	2.3900e-003	0.0262	9.0000e-005	0.0270	6.0000e-005	0.0271	6.8300e-003	6.0000e-005	6.8900e-003	0.0000	7.8960	7.8960	1.7000e-004	0.0000	7.9002
Total	**4.5100e-003**	**0.0330**	**0.0334**	**1.9000e-004**	**0.0323**	**1.5000e-004**	**0.0324**	**8.1900e-003**	**1.5000e-004**	**8.3300e-003**	**0.0000**	**17.1449**	**17.1449**	**5.9000e-004**	**0.0000**	**17.1595**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.4700e-003	0.0194	0.2526	4.6000e-004		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	35.6778	35.6778	5.4800e-003	0.0000	35.8148
Total	**4.4700e-003**	**0.0194**	**0.2526**	**4.6000e-004**		**6.0000e-004**	**6.0000e-004**		**6.0000e-004**	**6.0000e-004**	**0.0000**	**35.6778**	**35.6778**	**5.4800e-003**	**0.0000**	**35.8148**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.2000e-004	0.0306	7.1300e-003	1.0000e-004	5.2700e-003	9.0000e-005	5.3600e-003	1.3600e-003	9.0000e-005	1.4400e-003	0.0000	9.2489	9.2489	4.2000e-004	0.0000	9.2593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5900e-003	2.3900e-003	0.0262	9.0000e-005	0.0270	6.0000e-005	0.0271	6.8300e-003	6.0000e-005	6.8900e-003	0.0000	7.8960	7.8960	1.7000e-004	0.0000	7.9002
Total	**4.5100e-003**	**0.0330**	**0.0334**	**1.9000e-004**	**0.0323**	**1.5000e-004**	**0.0324**	**8.1900e-003**	**1.5000e-004**	**8.3300e-003**	**0.0000**	**17.1449**	**17.1449**	**5.9000e-004**	**0.0000**	**17.1595**

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	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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-...	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.616749	0.035330	0.181430	0.103378	0.013121	0.005016	0.012828	0.021913	0.002183	0.001508	0.005219	0.000634	0.000691

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	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			
Other Non-Asphalt Surfaces	0	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	1.0000e-004	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	1.0000e-004	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	3.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Consumer Products	8.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	**1.1000e-004**	**0.0000**	**1.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

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	3.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	**1.1000e-004**	**0.0000**	**1.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pedestrian Bridge_mit - Santa Clara County, Annual

Pedestrian Bridge_mit

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	1.20	1000sqft	1.00	1,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 12x100 foot bridge

Construction Phase - per construction assumptions

Off-road Equipment - per construction assumptions

Off-road Equipment - per Applicant

Off-road Equipment - per construction assumptions

Trips and VMT - 8 workers for all phases

Demolition - none

Energy Use -

Construction Off-road Equipment Mitigation - water 2x day

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	106.00
tblConstructionPhase	NumDays	100.00	52.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblLandUse	LotAcreage	0.03	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	4.00

tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblTripsAndVMT	HaulingTripNumber	0.00	83.00
tblTripsAndVMT	HaulingTripNumber	0.00	83.00
tblTripsAndVMT	HaulingTripNumber	0.00	83.00
tblTripsAndVMT	HaulingTripNumber	0.00	83.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00

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					
2022	0.0925	0.8309	0.8934	1.9300e-003	0.0397	0.0388	0.0786	0.0102	0.0375	0.0477	0.0000	169.5327	169.5327	0.0255	0.0000	170.1705
Maximum	**0.0925**	**0.8309**	**0.8934**	**1.9300e-003**	**0.0397**	**0.0388**	**0.0786**	**0.0102**	**0.0375**	**0.0477**	**0.0000**	**169.5327**	**169.5327**	**0.0255**	**0.0000**	**170.1705**

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					
2022	0.0129	0.0691	0.3218	1.9300e-003	0.0397	9.7000e-004	0.0407	0.0102	9.6000e-004	0.0111	0.0000	65.5918	65.5918	0.0138	0.0000	65.9361
Maximum	**0.0129**	**0.0691**	**0.3218**	**1.9300e-003**	**0.0397**	**9.7000e-004**	**0.0407**	**0.0102**	**9.6000e-004**	**0.0111**	**0.0000**	**65.5918**	**65.5918**	**0.0138**	**0.0000**	**65.9361**

	ROG	NOx	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	**86.10**	**91.69**	**63.99**	**0.00**	**0.00**	**97.50**	**48.21**	**0.00**	**97.44**	**76.65**	**0.00**	**61.31**	**61.31**	**46.02**	**0.00**	**61.25**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-1-2022**	**8-31-2022**	0.4585	0.0309
2	**9-1-2022**	**9-30-2022**	0.1514	0.0192
		Highest	0.4585	0.0309

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	1.0000e-004	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

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	1.0000e-004	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

	ROG	NOx	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**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Abutment/Bent Construction	Building Construction	5/1/2022	9/1/2022	6	106	
2	Superstructure	Building Construction	9/2/2022	11/1/2022	6	52	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1

Residential Indoor: 0; Residential Outdoor: 0; 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
Abutment/Bent Construction	Air Compressors	1	4.00	78	0.48
Abutment/Bent Construction	Bore/Drill Rigs	1	4.00	221	0.50
Abutment/Bent Construction	Cranes	1	4.00	231	0.29
Abutment/Bent Construction	Forklifts	0	0.00	89	0.20
Abutment/Bent Construction	Generator Sets	2	4.00	84	0.74
Abutment/Bent Construction	Pumps	1	4.00	84	0.74
Abutment/Bent Construction	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Abutment/Bent Construction	Welders	0	0.00	46	0.45
Superstructure	Air Compressors	1	4.00	78	0.48
Superstructure	Cranes	1	4.00	231	0.29
Superstructure	Forklifts	2	4.00	89	0.20
Superstructure	Generator Sets	2	4.00	84	0.74
Superstructure	Pumps	1	4.00	84	0.74
Superstructure	Tractors/Loaders/Backhoes	1	4.00	97	0.37
Superstructure	Welders	0	0.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Abutment/Bent Construction	8	16.00	0.00	83.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Superstructure	8	16.00	0.00	83.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Superstructure	8	16.00	0.00	83.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Superstructure	8	16.00	0.00	83.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Abutment/Bent 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	0.0586	0.5434	0.5807	1.2000e-003		0.0261	0.0261		0.0252	0.0252	0.0000	103.8362	103.8362	0.0189	0.0000	104.3089
Total	**0.0586**	**0.5434**	**0.5807**	**1.2000e-003**		**0.0261**	**0.0261**		**0.0252**	**0.0252**	**0.0000**	**103.8362**	**103.8362**	**0.0189**	**0.0000**	**104.3089**

Unmitigated Construction Off-Site

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

Category	tons/yr										MT/yr					
Hauling	3.1000e-004	0.0102	2.3800e-003	3.0000e-005	7.0000e-004	3.0000e-005	7.3000e-004	1.9000e-004	3.0000e-005	2.2000e-004	0.0000	3.0830	3.0830	1.4000e-004	0.0000	3.0864
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4400e-003	1.6200e-003	0.0178	6.0000e-005	6.7300e-003	4.0000e-005	6.7700e-003	1.7900e-003	4.0000e-005	1.8300e-003	0.0000	5.3652	5.3652	1.1000e-004	0.0000	5.3681
Total	**2.7500e-003**	**0.0118**	**0.0202**	**9.0000e-005**	**7.4300e-003**	**7.0000e-005**	**7.5000e-003**	**1.9800e-003**	**7.0000e-005**	**2.0500e-003**	**0.0000**	**8.4482**	**8.4482**	**2.5000e-004**	**0.0000**	**8.4545**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.1100e-003	0.0222	0.2378	1.2000e-003		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	36.4461	36.4461	0.0118	0.0000	36.7408
Total	**5.1100e-003**	**0.0222**	**0.2378**	**1.2000e-003**		**6.8000e-004**	**6.8000e-004**		**6.8000e-004**	**6.8000e-004**	**0.0000**	**36.4461**	**36.4461**	**0.0118**	**0.0000**	**36.7408**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.1000e-004	0.0102	2.3800e-003	3.0000e-005	7.0000e-004	3.0000e-005	7.3000e-004	1.9000e-004	3.0000e-005	2.2000e-004	0.0000	3.0830	3.0830	1.4000e-004	0.0000	3.0864
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4400e-003	1.6200e-003	0.0178	6.0000e-005	6.7300e-003	4.0000e-005	6.7700e-003	1.7900e-003	4.0000e-005	1.8300e-003	0.0000	5.3652	5.3652	1.1000e-004	0.0000	5.3681

Total	**2.7500e-003**	**0.0118**	**0.0202**	**9.0000e-005**	**7.4300e-003**	**7.0000e-005**	**7.5000e-003**	**1.9800e-003**	**7.0000e-005**	**2.0500e-003**	**0.0000**	**8.4482**	**8.4482**	**2.5000e-004**	**0.0000**	**8.4545**

3.3 Superstructure - 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	0.0266	0.2428	0.2592	4.6000e-004		0.0125	0.0125		0.0121	0.0121	0.0000	40.1035	40.1035	5.7700e-003	0.0000	40.2477
Total	**0.0266**	**0.2428**	**0.2592**	**4.6000e-004**		**0.0125**	**0.0125**		**0.0121**	**0.0121**	**0.0000**	**40.1035**	**40.1035**	**5.7700e-003**	**0.0000**	**40.2477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.2000e-004	0.0306	7.1300e-003	1.0000e-004	5.2700e-003	9.0000e-005	5.3600e-003	1.3600e-003	9.0000e-005	1.4400e-003	0.0000	9.2489	9.2489	4.2000e-004	0.0000	9.2593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5900e-003	2.3900e-003	0.0262	9.0000e-005	0.0270	6.0000e-005	0.0271	6.8300e-003	6.0000e-005	6.8900e-003	0.0000	7.8960	7.8960	1.7000e-004	0.0000	7.9002
Total	**4.5100e-003**	**0.0330**	**0.0334**	**1.9000e-004**	**0.0323**	**1.5000e-004**	**0.0324**	**8.1900e-003**	**1.5000e-004**	**8.3300e-003**	**0.0000**	**17.1449**	**17.1449**	**5.9000e-004**	**0.0000**	**17.1595**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9000e-004	2.1400e-003	0.0305	4.6000e-004		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.5526	3.5526	1.1500e-003	0.0000	3.5814
Total	**4.9000e-004**	**2.1400e-003**	**0.0305**	**4.6000e-004**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**3.5526**	**3.5526**	**1.1500e-003**	**0.0000**	**3.5814**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.2000e-004	0.0306	7.1300e-003	1.0000e-004	5.2700e-003	9.0000e-005	5.3600e-003	1.3600e-003	9.0000e-005	1.4400e-003	0.0000	9.2489	9.2489	4.2000e-004	0.0000	9.2593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5900e-003	2.3900e-003	0.0262	9.0000e-005	0.0270	6.0000e-005	0.0271	6.8300e-003	6.0000e-005	6.8900e-003	0.0000	7.8960	7.8960	1.7000e-004	0.0000	7.9002
Total	**4.5100e-003**	**0.0330**	**0.0334**	**1.9000e-004**	**0.0323**	**1.5000e-004**	**0.0324**	**8.1900e-003**	**1.5000e-004**	**8.3300e-003**	**0.0000**	**17.1449**	**17.1449**	**5.9000e-004**	**0.0000**	**17.1595**

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	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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.616749	0.035330	0.181430	0.103378	0.013121	0.005016	0.012828	0.021913	0.002183	0.001508	0.005219	0.000634	0.000691

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	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			
Other Non-Asphalt Surfaces	0	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	1.0000e-004	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	1.0000e-004	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	3.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	**1.1000e-004**	**0.0000**	**1.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

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	3.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	**1.1000e-004**	**0.0000**	**1.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			

Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

West San Fernando Bridge - Santa Clara County, Annual

West San Fernando Bridge

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	6.00	1000sqft	1.00	6,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 60x100 foot bridge

Construction Phase - per construction assumptions

Off-road Equipment - per Applicant

Off-road Equipment - per Applicant

Off-road Equipment - per Applicant

Trips and VMT - 10 workers for all phases

Demolition - existing bridge demolition

Energy Use -

Construction Off-road Equipment Mitigation - water 2x day

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	105.00
tblConstructionPhase	NumDays	100.00	157.00
tblConstructionPhase	NumDays	10.00	106.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblLandUse	LotAcreage	0.14	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblTripsAndVMT	HaulingTripNumber	27.00	333.00
tblTripsAndVMT	HaulingTripNumber	0.00	333.00
tblTripsAndVMT	WorkerTripNumber	3.00	20.00
tblTripsAndVMT	WorkerTripNumber	3.00	20.00

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					

2022	0.1124	1.0406	1.2322	2.2900e-003	0.0142	0.0494	0.0636	3.4600e-003	0.0472	0.0506	0.0000	200.9494	200.9494	0.0383	0.0000	201.9076
2023	0.1886	1.6968	1.9647	4.0300e-003	0.0179	0.0782	0.0961	4.8100e-003	0.0755	0.0803	0.0000	351.4660	351.4660	0.0548	0.0000	352.8364
2024	0.0724	0.6366	0.7952	1.4700e-003	6.5300e-003	0.0291	0.0356	1.7400e-003	0.0281	0.0298	0.0000	127.4684	127.4684	0.0171	0.0000	127.8952
Maximum	**0.1886**	**1.6968**	**1.9647**	**4.0300e-003**	**0.0179**	**0.0782**	**0.0961**	**4.8100e-003**	**0.0755**	**0.0803**	**0.0000**	**351.4660**	**351.4660**	**0.0548**	**0.0000**	**352.8364**

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					
2022	0.0258	0.1360	1.2631	2.2900e-003	0.0126	3.0400e-003	0.0156	3.2100e-003	3.0300e-003	6.2400e-003	0.0000	182.9062	182.9062	0.0372	0.0000	183.8350
2023	0.0436	0.1998	2.0505	4.0300e-003	0.0179	5.1600e-003	0.0231	4.8100e-003	5.1500e-003	9.9600e-003	0.0000	320.3160	320.3160	0.0530	0.0000	321.6398
2024	0.0157	0.0630	0.7827	1.4700e-003	6.5300e-003	1.8500e-003	8.3800e-003	1.7400e-003	1.8500e-003	3.5900e-003	0.0000	114.0211	114.0211	0.0163	0.0000	114.4290
Maximum	**0.0436**	**0.1998**	**2.0505**	**4.0300e-003**	**0.0179**	**5.1600e-003**	**0.0231**	**4.8100e-003**	**5.1500e-003**	**9.9600e-003**	**0.0000**	**320.3160**	**320.3160**	**0.0530**	**0.0000**	**321.6398**

	ROG	NOx	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	**77.23**	**88.18**	**-2.61**	**0.00**	**4.19**	**93.58**	**75.89**	**2.50**	**93.34**	**87.69**	**0.00**	**9.21**	**9.21**	**3.46**	**0.00**	**9.19**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-1-2022**	**8-31-2022**	0.8571	0.1197
2	**9-1-2022**	**11-30-2022**	0.2888	0.0404
5	**6-1-2023**	**8-31-2023**	0.8515	0.1239
6	**9-1-2023**	**11-30-2023**	0.7824	0.0934
7	**12-1-2023**	**2-29-2024**	0.7178	0.0781
8	**3-1-2024**	**5-31-2024**	0.2463	0.0274
		Highest	0.8571	0.1239

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	5.2000e-004	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.2000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.1000e-004**

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	5.2000e-004	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	5.2000e-004	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004

	ROG	NOx	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

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	6/1/2022	10/1/2022	6	106	
2	Abutment/Bent Construction	Building Construction	6/1/2023	10/1/2023	6	105	
3	Superstructure	Building Construction	10/2/2023	4/1/2024	6	157	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1

Residential Indoor: 0; Residential Outdoor: 0; 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	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition	Cranes	1	8.00	231	0.29
Demolition	Excavators	2	8.00	158	0.38
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Abutment/Bent Construction	Air Compressors	1	8.00	78	0.48
Abutment/Bent Construction	Bore/Drill Rigs	1	8.00	221	0.50

Abutment/Bent Construction	Cranes	1	8.00	231	0.29
Abutment/Bent Construction	Forklifts	0	0.00	89	0.20
Abutment/Bent Construction	Generator Sets	2	8.00	84	0.74
Abutment/Bent Construction	Pumps	1	8.00	84	0.74
Abutment/Bent Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Abutment/Bent Construction	Welders	0	0.00	46	0.45
Superstructure	Air Compressors	1	8.00	78	0.48
Superstructure	Cranes	1	8.00	231	0.29
Superstructure	Forklifts	2	8.00	89	0.20
Superstructure	Generator Sets	2	8.00	84	0.74
Superstructure	Pumps	1	8.00	84	0.74
Superstructure	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Superstructure	Welders	0	0.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	8	20.00	0.00	333.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Abutment/Bent Construction	8	20.00	1.00	333.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Superstructure	8	20.00	1.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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					
Fugitive Dust					2.9500e-003	0.0000	2.9500e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1081	0.9977	1.2004	2.0900e-003		0.0492	0.0492		0.0470	0.0470	0.0000	181.8739	181.8739	0.0376	0.0000	182.8146
Total	**0.1081**	**0.9977**	**1.2004**	**2.0900e-003**	**2.9500e-003**	**0.0492**	**0.0522**	**4.5000e-004**	**0.0470**	**0.0474**	**0.0000**	**181.8739**	**181.8739**	**0.0376**	**0.0000**	**182.8146**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2300e-003	0.0409	9.5400e-003	1.3000e-004	2.8200e-003	1.2000e-004	2.9400e-003	7.8000e-004	1.1000e-004	8.9000e-004	0.0000	12.3690	12.3690	5.6000e-004	0.0000	12.3829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	2.0300e-003	0.0223	7.0000e-005	8.4100e-003	5.0000e-005	8.4600e-003	2.2400e-003	5.0000e-005	2.2800e-003	0.0000	6.7066	6.7066	1.4000e-004	0.0000	6.7101
Total	**4.2800e-003**	**0.0429**	**0.0318**	**2.0000e-004**	**0.0112**	**1.7000e-004**	**0.0114**	**3.0200e-003**	**1.6000e-004**	**3.1700e-003**	**0.0000**	**19.0755**	**19.0755**	**7.0000e-004**	**0.0000**	**19.0930**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.3300e-003	0.0000	1.3300e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0215	0.0931	1.2313	2.0900e-003		2.8700e-003	2.8700e-003		2.8700e-003	2.8700e-003	0.0000	163.8307	163.8307	0.0365	0.0000	164.7421
Total	**0.0215**	**0.0931**	**1.2313**	**2.0900e-003**	**1.3300e-003**	**2.8700e-003**	**4.2000e-003**	**2.0000e-004**	**2.8700e-003**	**3.0700e-003**	**0.0000**	**163.8307**	**163.8307**	**0.0365**	**0.0000**	**164.7421**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2300e-003	0.0409	9.5400e-003	1.3000e-004	2.8200e-003	1.2000e-004	2.9400e-003	7.8000e-004	1.1000e-004	8.9000e-004	0.0000	12.3690	12.3690	5.6000e-004	0.0000	12.3829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	2.0300e-003	0.0223	7.0000e-005	8.4100e-003	5.0000e-005	8.4600e-003	2.2400e-003	5.0000e-005	2.2800e-003	0.0000	6.7066	6.7066	1.4000e-004	0.0000	6.7101
Total	**4.2800e-003**	**0.0429**	**0.0318**	**2.0000e-004**	**0.0112**	**1.7000e-004**	**0.0114**	**3.0200e-003**	**1.6000e-004**	**3.1700e-003**	**0.0000**	**19.0755**	**19.0755**	**7.0000e-004**	**0.0000**	**19.0930**

3.3 Abutment/Bent 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	0.1084	0.9895	1.1450	2.3700e-003		0.0453	0.0453		0.0437	0.0437	0.0000	205.8325	205.8325	0.0370	0.0000	206.7584
Total	**0.1084**	**0.9895**	**1.1450**	**2.3700e-003**		**0.0453**	**0.0453**		**0.0437**	**0.0437**	**0.0000**	**205.8325**	**205.8325**	**0.0370**	**0.0000**	**206.7584**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.4000e-004	0.0269	8.6700e-003	1.2000e-004	2.8200e-003	5.0000e-005	2.8700e-003	7.8000e-004	5.0000e-005	8.2000e-004	0.0000	11.8924	11.8924	5.0000e-004	0.0000	11.9049
Vendor	1.2000e-004	3.8600e-003	1.2100e-003	1.0000e-005	3.5000e-004	0.0000	3.5000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	1.3086	1.3086	5.0000e-005	0.0000	1.3098
Worker	2.8300e-003	1.8100e-003	0.0203	7.0000e-005	8.3300e-003	5.0000e-005	8.3800e-003	2.2100e-003	5.0000e-005	2.2600e-003	0.0000	6.3909	6.3909	1.3000e-004	0.0000	6.3941
Total	**3.7900e-003**	**0.0326**	**0.0302**	**2.0000e-004**	**0.0115**	**1.0000e-004**	**0.0116**	**3.0900e-003**	**1.0000e-004**	**3.1800e-003**	**0.0000**	**19.5920**	**19.5920**	**6.8000e-004**	**0.0000**	**19.6088**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0242	0.1049	1.2464	2.3700e-003		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	187.9595	187.9595	0.0360	0.0000	188.8587
Total	**0.0242**	**0.1049**	**1.2464**	**2.3700e-003**		**3.2300e-003**	**3.2300e-003**		**3.2300e-003**	**3.2300e-003**	**0.0000**	**187.9595**	**187.9595**	**0.0360**	**0.0000**	**188.8587**

Mitigated Construction Off-Site

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

Hauling	8.4000e-004	0.0269	8.6700e-003	1.2000e-004	2.8200e-003	5.0000e-005	2.8700e-003	7.8000e-004	5.0000e-005	8.2000e-004	0.0000	11.8924	11.8924	5.0000e-004	0.0000	11.9049
Vendor	1.2000e-004	3.8600e-003	1.2100e-003	1.0000e-005	3.5000e-004	0.0000	3.5000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	1.3086	1.3086	5.0000e-005	0.0000	1.3098
Worker	2.8300e-003	1.8100e-003	0.0203	7.0000e-005	8.3300e-003	5.0000e-005	8.3800e-003	2.2100e-003	5.0000e-005	2.2600e-003	0.0000	6.3909	6.3909	1.3000e-004	0.0000	6.3941
Total	**3.7900e-003**	**0.0326**	**0.0302**	**2.0000e-004**	**0.0115**	**1.0000e-004**	**0.0116**	**3.0900e-003**	**1.0000e-004**	**3.1800e-003**	**0.0000**	**19.5920**	**19.5920**	**6.8000e-004**	**0.0000**	**19.6088**

3.4 Superstructure - 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	0.0742	0.6705	0.7735	1.3900e-003		0.0327	0.0327		0.0316	0.0316	0.0000	120.3219	120.3219	0.0170	0.0000	120.7463
Total	**0.0742**	**0.6705**	**0.7735**	**1.3900e-003**		**0.0327**	**0.0327**		**0.0316**	**0.0316**	**0.0000**	**120.3219**	**120.3219**	**0.0170**	**0.0000**	**120.7463**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.8700e-003	9.0000e-004	1.0000e-005	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.9721	0.9721	4.0000e-005	0.0000	0.9730
Worker	2.1000e-003	1.3400e-003	0.0151	5.0000e-005	6.1900e-003	4.0000e-005	6.2200e-003	1.6500e-003	3.0000e-005	1.6800e-003	0.0000	4.7476	4.7476	9.0000e-005	0.0000	4.7499
Total	**2.1900e-003**	**4.2100e-003**	**0.0160**	**6.0000e-005**	**6.4500e-003**	**4.0000e-005**	**6.4800e-003**	**1.7200e-003**	**3.0000e-005**	**1.7600e-003**	**0.0000**	**5.7197**	**5.7197**	**1.3000e-004**	**0.0000**	**5.7229**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0134	0.0581	0.7579	1.3900e-003		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	107.0448	107.0448	0.0162	0.0000	107.4494
Total	**0.0134**	**0.0581**	**0.7579**	**1.3900e-003**		**1.7900e-003**	**1.7900e-003**		**1.7900e-003**	**1.7900e-003**	**0.0000**	**107.0448**	**107.0448**	**0.0162**	**0.0000**	**107.4494**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.8700e-003	9.0000e-004	1.0000e-005	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.9721	0.9721	4.0000e-005	0.0000	0.9730
Worker	2.1000e-003	1.3400e-003	0.0151	5.0000e-005	6.1900e-003	4.0000e-005	6.2200e-003	1.6500e-003	3.0000e-005	1.6800e-003	0.0000	4.7476	4.7476	9.0000e-005	0.0000	4.7499
Total	**2.1900e-003**	**4.2100e-003**	**0.0160**	**6.0000e-005**	**6.4500e-003**	**4.0000e-005**	**6.4800e-003**	**1.7200e-003**	**3.0000e-005**	**1.7600e-003**	**0.0000**	**5.7197**	**5.7197**	**1.3000e-004**	**0.0000**	**5.7229**

3.4 Superstructure - 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	0.0704	0.6325	0.7801	1.4100e-003		0.0290	0.0290		0.0280	0.0280	0.0000	121.8709	121.8709	0.0170	0.0000	122.2947
Total	**0.0704**	**0.6325**	**0.7801**	**1.4100e-003**		**0.0290**	**0.0290**		**0.0280**	**0.0280**	**0.0000**	**121.8709**	**121.8709**	**0.0170**	**0.0000**	**122.2947**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.8700e-003	8.8000e-004	1.0000e-005	2.6000e-004	0.0000	2.6000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.9780	0.9780	4.0000e-005	0.0000	0.9789
Worker	2.0000e-003	1.2300e-003	0.0142	5.0000e-005	6.2700e-003	4.0000e-005	6.3000e-003	1.6700e-003	3.0000e-005	1.7000e-003	0.0000	4.6196	4.6196	9.0000e-005	0.0000	4.6217
Total	**2.0900e-003**	**4.1000e-003**	**0.0151**	**6.0000e-005**	**6.5300e-003**	**4.0000e-005**	**6.5600e-003**	**1.7500e-003**	**3.0000e-005**	**1.7800e-003**	**0.0000**	**5.5975**	**5.5975**	**1.3000e-004**	**0.0000**	**5.6006**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.0589	0.7676	1.4100e-003		1.8100e-003	1.8100e-003		1.8100e-003	1.8100e-003	0.0000	108.4236	108.4236	0.0162	0.0000	108.8285

Total	**0.0136**	**0.0589**	**0.7676**	**1.4100e-003**		**1.8100e-003**	**1.8100e-003**		**1.8100e-003**	**1.8100e-003**	**0.0000**	**108.4236**	**108.4236**	**0.0162**	**0.0000**	**108.8285**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.8700e-003	8.8000e-004	1.0000e-005	2.6000e-004	0.0000	2.6000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.9780	0.9780	4.0000e-005	0.0000	0.9789
Worker	2.0000e-003	1.2300e-003	0.0142	5.0000e-005	6.2700e-003	4.0000e-005	6.3000e-003	1.6700e-003	3.0000e-005	1.7000e-003	0.0000	4.6196	4.6196	9.0000e-005	0.0000	4.6217
Total	**2.0900e-003**	**4.1000e-003**	**0.0151**	**6.0000e-005**	**6.5300e-003**	**4.0000e-005**	**6.5600e-003**	**1.7500e-003**	**3.0000e-005**	**1.7800e-003**	**0.0000**	**5.5975**	**5.5975**	**1.3000e-004**	**0.0000**	**5.6006**

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	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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-...	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.616749	0.035330	0.181430	0.103378	0.013121	0.005016	0.012828	0.021913	0.002183	0.001508	0.005219	0.000634	0.000691

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	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			
Other Non-Asphalt Surfaces	0	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	5.2000e-004	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Unmitigated	5.2000e-004	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004

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	1.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Total	**5.3000e-004**	**0.0000**	**5.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.1000e-004**

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	1.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Landscaping	1.0000e-005	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Total	**5.3000e-004**	**0.0000**	**5.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.1000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

West San Fernando Bridge_mit - Santa Clara County, Annual

West San Fernando Bridge_mit

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	6.00	1000sqft	1.00	6,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 210 lb of CO2/MWh per 2019 PG&E Sustainability Report

Land Use - 60x100 foot bridge

Construction Phase - per construction assumptions

Off-road Equipment - per Applicant

Off-road Equipment - per Applicant

Off-road Equipment - per Applicant

Trips and VMT - 10 workers for all phases

Demolition - existing bridge demolition

Energy Use -

Construction Off-road Equipment Mitigation - water 2x day

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	105.00
tblConstructionPhase	NumDays	100.00	157.00
tblConstructionPhase	NumDays	10.00	106.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblLandUse	LotAcreage	0.14	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblTripsAndVMT	HaulingTripNumber	27.00	333.00
tblTripsAndVMT	HaulingTripNumber	0.00	333.00
tblTripsAndVMT	WorkerTripNumber	3.00	20.00
tblTripsAndVMT	WorkerTripNumber	3.00	20.00

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					

2022	0.1124	1.0406	1.2322	2.2900e-003	0.0142	0.0494	0.0636	3.4600e-003	0.0472	0.0506	0.0000	200.9494	200.9494	0.0383	0.0000	201.9076
2023	0.1886	1.6968	1.9647	4.0300e-003	0.0179	0.0782	0.0961	4.8100e-003	0.0755	0.0803	0.0000	351.4660	351.4660	0.0548	0.0000	352.8364
2024	0.0724	0.6366	0.7952	1.4700e-003	6.5300e-003	0.0291	0.0356	1.7400e-003	0.0281	0.0298	0.0000	127.4684	127.4684	0.0171	0.0000	127.8952
Maximum	**0.1886**	**1.6968**	**1.9647**	**4.0300e-003**	**0.0179**	**0.0782**	**0.0961**	**4.8100e-003**	**0.0755**	**0.0803**	**0.0000**	**351.4660**	**351.4660**	**0.0548**	**0.0000**	**352.8364**

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					
2022	0.0150	0.0896	0.6954	2.2900e-003	0.0126	1.6100e-003	0.0142	3.2100e-003	1.6000e-003	4.8100e-003	0.0000	96.1253	96.1253	0.0256	0.0000	96.7657
2023	0.0176	0.0871	0.6085	4.0300e-003	0.0179	1.6900e-003	0.0196	4.8100e-003	1.6800e-003	6.4900e-003	0.0000	108.3059	108.3059	0.0277	0.0000	108.9971
2024	3.5900e-003	0.0106	0.1076	1.4700e-003	6.5300e-003	2.4000e-004	6.7700e-003	1.7400e-003	2.4000e-004	1.9800e-003	0.0000	16.4110	16.4110	3.6200e-003	0.0000	16.5014
Maximum	**0.0176**	**0.0896**	**0.6954**	**4.0300e-003**	**0.0179**	**1.6900e-003**	**0.0196**	**4.8100e-003**	**1.6800e-003**	**6.4900e-003**	**0.0000**	**108.3059**	**108.3059**	**0.0277**	**0.0000**	**108.9971**

	ROG	NOx	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	**90.30**	**94.45**	**64.64**	**0.00**	**4.19**	**97.74**	**79.23**	**2.50**	**97.66**	**91.74**	**0.00**	**67.52**	**67.52**	**48.39**	**0.00**	**67.44**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-1-2022**	**8-31-2022**	0.8571	0.0772
2	**9-1-2022**	**11-30-2022**	0.2888	0.0260
5	**6-1-2023**	**8-31-2023**	0.8515	0.0675
6	**9-1-2023**	**11-30-2023**	0.7824	0.0324
7	**12-1-2023**	**2-29-2024**	0.7178	0.0145
8	**3-1-2024**	**5-31-2024**	0.2463	0.0050
		Highest	0.8571	0.0772

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	5.2000e-004	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.2000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.1000e-004**

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	5.2000e-004	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	5.2000e-004	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004

	ROG	NOx	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

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	6/1/2022	10/1/2022	6	106	
2	Abutment/Bent Construction	Building Construction	6/1/2023	10/1/2023	6	105	
3	Superstructure	Building Construction	10/2/2023	4/1/2024	6	157	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1

Residential Indoor: 0; Residential Outdoor: 0; 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	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition	Cranes	1	8.00	231	0.29
Demolition	Excavators	2	8.00	158	0.38
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Abutment/Bent Construction	Air Compressors	1	8.00	78	0.48
Abutment/Bent Construction	Bore/Drill Rigs	1	8.00	221	0.50

Abutment/Bent Construction	Cranes	1	8.00	231	0.29
Abutment/Bent Construction	Forklifts	0	0.00	89	0.20
Abutment/Bent Construction	Generator Sets	2	8.00	84	0.74
Abutment/Bent Construction	Pumps	1	8.00	84	0.74
Abutment/Bent Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Abutment/Bent Construction	Welders	0	0.00	46	0.45
Superstructure	Air Compressors	1	8.00	78	0.48
Superstructure	Cranes	1	8.00	231	0.29
Superstructure	Forklifts	2	8.00	89	0.20
Superstructure	Generator Sets	2	8.00	84	0.74
Superstructure	Pumps	1	8.00	84	0.74
Superstructure	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Superstructure	Welders	0	0.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	8	20.00	0.00	333.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Abutment/Bent Construction	8	20.00	1.00	333.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Superstructure	8	20.00	1.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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					
Fugitive Dust					2.9500e-003	0.0000	2.9500e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1081	0.9977	1.2004	2.0900e-003		0.0492	0.0492		0.0470	0.0470	0.0000	181.8739	181.8739	0.0376	0.0000	182.8146
Total	**0.1081**	**0.9977**	**1.2004**	**2.0900e-003**	**2.9500e-003**	**0.0492**	**0.0522**	**4.5000e-004**	**0.0470**	**0.0474**	**0.0000**	**181.8739**	**181.8739**	**0.0376**	**0.0000**	**182.8146**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2300e-003	0.0409	9.5400e-003	1.3000e-004	2.8200e-003	1.2000e-004	2.9400e-003	7.8000e-004	1.1000e-004	8.9000e-004	0.0000	12.3690	12.3690	5.6000e-004	0.0000	12.3829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	2.0300e-003	0.0223	7.0000e-005	8.4100e-003	5.0000e-005	8.4600e-003	2.2400e-003	5.0000e-005	2.2800e-003	0.0000	6.7066	6.7066	1.4000e-004	0.0000	6.7101
Total	**4.2800e-003**	**0.0429**	**0.0318**	**2.0000e-004**	**0.0112**	**1.7000e-004**	**0.0114**	**3.0200e-003**	**1.6000e-004**	**3.1700e-003**	**0.0000**	**19.0755**	**19.0755**	**7.0000e-004**	**0.0000**	**19.0930**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.3300e-003	0.0000	1.3300e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0108	0.0466	0.6636	2.0900e-003		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	77.0498	77.0498	0.0249	0.0000	77.6728
Total	**0.0108**	**0.0466**	**0.6636**	**2.0900e-003**	**1.3300e-003**	**1.4300e-003**	**2.7600e-003**	**2.0000e-004**	**1.4300e-003**	**1.6300e-003**	**0.0000**	**77.0498**	**77.0498**	**0.0249**	**0.0000**	**77.6728**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2300e-003	0.0409	9.5400e-003	1.3000e-004	2.8200e-003	1.2000e-004	2.9400e-003	7.8000e-004	1.1000e-004	8.9000e-004	0.0000	12.3690	12.3690	5.6000e-004	0.0000	12.3829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	2.0300e-003	0.0223	7.0000e-005	8.4100e-003	5.0000e-005	8.4600e-003	2.2400e-003	5.0000e-005	2.2800e-003	0.0000	6.7066	6.7066	1.4000e-004	0.0000	6.7101
Total	**4.2800e-003**	**0.0429**	**0.0318**	**2.0000e-004**	**0.0112**	**1.7000e-004**	**0.0114**	**3.0200e-003**	**1.6000e-004**	**3.1700e-003**	**0.0000**	**19.0755**	**19.0755**	**7.0000e-004**	**0.0000**	**19.0930**

3.3 Abutment/Bent 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	0.1084	0.9895	1.1450	2.3700e-003		0.0453	0.0453		0.0437	0.0437	0.0000	205.8325	205.8325	0.0370	0.0000	206.7584
Total	**0.1084**	**0.9895**	**1.1450**	**2.3700e-003**		**0.0453**	**0.0453**		**0.0437**	**0.0437**	**0.0000**	**205.8325**	**205.8325**	**0.0370**	**0.0000**	**206.7584**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.4000e-004	0.0269	8.6700e-003	1.2000e-004	2.8200e-003	5.0000e-005	2.8700e-003	7.8000e-004	5.0000e-005	8.2000e-004	0.0000	11.8924	11.8924	5.0000e-004	0.0000	11.9049
Vendor	1.2000e-004	3.8600e-003	1.2100e-003	1.0000e-005	3.5000e-004	0.0000	3.5000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	1.3086	1.3086	5.0000e-005	0.0000	1.3098
Worker	2.8300e-003	1.8100e-003	0.0203	7.0000e-005	8.3300e-003	5.0000e-005	8.3800e-003	2.2100e-003	5.0000e-005	2.2600e-003	0.0000	6.3909	6.3909	1.3000e-004	0.0000	6.3941
Total	**3.7900e-003**	**0.0326**	**0.0302**	**2.0000e-004**	**0.0115**	**1.0000e-004**	**0.0116**	**3.0900e-003**	**1.0000e-004**	**3.1800e-003**	**0.0000**	**19.5920**	**19.5920**	**6.8000e-004**	**0.0000**	**19.6088**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.0439	0.4710	2.3700e-003		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	72.3245	72.3245	0.0234	0.0000	72.9093
Total	**0.0101**	**0.0439**	**0.4710**	**2.3700e-003**		**1.3500e-003**	**1.3500e-003**		**1.3500e-003**	**1.3500e-003**	**0.0000**	**72.3245**	**72.3245**	**0.0234**	**0.0000**	**72.9093**

Mitigated Construction Off-Site

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

Hauling	8.4000e-004	0.0269	8.6700e-003	1.2000e-004	2.8200e-003	5.0000e-005	2.8700e-003	7.8000e-004	5.0000e-005	8.2000e-004	0.0000	11.8924	11.8924	5.0000e-004	0.0000	11.9049
Vendor	1.2000e-004	3.8600e-003	1.2100e-003	1.0000e-005	3.5000e-004	0.0000	3.5000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	1.3086	1.3086	5.0000e-005	0.0000	1.3098
Worker	2.8300e-003	1.8100e-003	0.0203	7.0000e-005	8.3300e-003	5.0000e-005	8.3800e-003	2.2100e-003	5.0000e-005	2.2600e-003	0.0000	6.3909	6.3909	1.3000e-004	0.0000	6.3941
Total	**3.7900e-003**	**0.0326**	**0.0302**	**2.0000e-004**	**0.0115**	**1.0000e-004**	**0.0116**	**3.0900e-003**	**1.0000e-004**	**3.1800e-003**	**0.0000**	**19.5920**	**19.5920**	**6.8000e-004**	**0.0000**	**19.6088**

3.4 Superstructure - 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	0.0742	0.6705	0.7735	1.3900e-003		0.0327	0.0327		0.0316	0.0316	0.0000	120.3219	120.3219	0.0170	0.0000	120.7463
Total	**0.0742**	**0.6705**	**0.7735**	**1.3900e-003**		**0.0327**	**0.0327**		**0.0316**	**0.0316**	**0.0000**	**120.3219**	**120.3219**	**0.0170**	**0.0000**	**120.7463**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.8700e-003	9.0000e-004	1.0000e-005	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.9721	0.9721	4.0000e-005	0.0000	0.9730
Worker	2.1000e-003	1.3400e-003	0.0151	5.0000e-005	6.1900e-003	4.0000e-005	6.2200e-003	1.6500e-003	3.0000e-005	1.6800e-003	0.0000	4.7476	4.7476	9.0000e-005	0.0000	4.7499
Total	**2.1900e-003**	**4.2100e-003**	**0.0160**	**6.0000e-005**	**6.4500e-003**	**4.0000e-005**	**6.4800e-003**	**1.7200e-003**	**3.0000e-005**	**1.7600e-003**	**0.0000**	**5.7197**	**5.7197**	**1.3000e-004**	**0.0000**	**5.7229**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4800e-003	6.4200e-003	0.0913	1.3900e-003		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	10.6698	10.6698	3.4500e-003	0.0000	10.7561
Total	**1.4800e-003**	**6.4200e-003**	**0.0913**	**1.3900e-003**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**10.6698**	**10.6698**	**3.4500e-003**	**0.0000**	**10.7561**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.8700e-003	9.0000e-004	1.0000e-005	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.9721	0.9721	4.0000e-005	0.0000	0.9730
Worker	2.1000e-003	1.3400e-003	0.0151	5.0000e-005	6.1900e-003	4.0000e-005	6.2200e-003	1.6500e-003	3.0000e-005	1.6800e-003	0.0000	4.7476	4.7476	9.0000e-005	0.0000	4.7499
Total	**2.1900e-003**	**4.2100e-003**	**0.0160**	**6.0000e-005**	**6.4500e-003**	**4.0000e-005**	**6.4800e-003**	**1.7200e-003**	**3.0000e-005**	**1.7600e-003**	**0.0000**	**5.7197**	**5.7197**	**1.3000e-004**	**0.0000**	**5.7229**

3.4 Superstructure - 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	0.0704	0.6325	0.7801	1.4100e-003		0.0290	0.0290		0.0280	0.0280	0.0000	121.8709	121.8709	0.0170	0.0000	122.2947
Total	**0.0704**	**0.6325**	**0.7801**	**1.4100e-003**		**0.0290**	**0.0290**		**0.0280**	**0.0280**	**0.0000**	**121.8709**	**121.8709**	**0.0170**	**0.0000**	**122.2947**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.8700e-003	8.8000e-004	1.0000e-005	2.6000e-004	0.0000	2.6000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.9780	0.9780	4.0000e-005	0.0000	0.9789
Worker	2.0000e-003	1.2300e-003	0.0142	5.0000e-005	6.2700e-003	4.0000e-005	6.3000e-003	1.6700e-003	3.0000e-005	1.7000e-003	0.0000	4.6196	4.6196	9.0000e-005	0.0000	4.6217
Total	**2.0900e-003**	**4.1000e-003**	**0.0151**	**6.0000e-005**	**6.5300e-003**	**4.0000e-005**	**6.5600e-003**	**1.7500e-003**	**3.0000e-005**	**1.7800e-003**	**0.0000**	**5.5975**	**5.5975**	**1.3000e-004**	**0.0000**	**5.6006**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5000e-003	6.5000e-003	0.0925	1.4100e-003		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	10.8134	10.8134	3.5000e-003	0.0000	10.9009

Total	**1.5000e-003**	**6.5000e-003**	**0.0925**	**1.4100e-003**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**10.8134**	**10.8134**	**3.5000e-003**	**0.0000**	**10.9009**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.8700e-003	8.8000e-004	1.0000e-005	2.6000e-004	0.0000	2.6000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.9780	0.9780	4.0000e-005	0.0000	0.9789
Worker	2.0000e-003	1.2300e-003	0.0142	5.0000e-005	6.2700e-003	4.0000e-005	6.3000e-003	1.6700e-003	3.0000e-005	1.7000e-003	0.0000	4.6196	4.6196	9.0000e-005	0.0000	4.6217
Total	**2.0900e-003**	**4.1000e-003**	**0.0151**	**6.0000e-005**	**6.5300e-003**	**4.0000e-005**	**6.5600e-003**	**1.7500e-003**	**3.0000e-005**	**1.7800e-003**	**0.0000**	**5.5975**	**5.5975**	**1.3000e-004**	**0.0000**	**5.6006**

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	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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-...	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.616749	0.035330	0.181430	0.103378	0.013121	0.005016	0.012828	0.021913	0.002183	0.001508	0.005219	0.000634	0.000691

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	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			
Other Non-Asphalt Surfaces	0	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	5.2000e-004	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Unmitigated	5.2000e-004	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004

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	1.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Total	**5.3000e-004**	**0.0000**	**5.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.1000e-004**

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	1.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Landscaping	1.0000e-005	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.1000e-004
Total	**5.3000e-004**	**0.0000**	**5.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.1000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

C1.i **Existing Emissions**

District Station - Santa Clara County, Annual

District Station

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Place of Worship	9.00	1000sqft	0.33	9,000.00	0
Refrigerated Warehouse-No Rail	196.18	1000sqft	6.88	196,181.00	0
Unrefrigerated Warehouse-No Rail	118.62	1000sqft	2.68	118,619.00	0
Single Family Housing	3.00	Dwelling Unit	0.57	5,400.00	9
Automobile Care Center	4.30	1000sqft	0.72	4,302.00	0
High Turnover (Sit Down Restaurant)	10.65	1000sqft	0.45	10,650.00	0
Racquet Club	14.11	1000sqft	1.14	14,114.00	0
Government (Civic Center)	23.89	1000sqft	3.77	23,892.00	0
General Light Industry	79.73	1000sqft	4.85	79,732.00	0
Hardware/Paint Store	15.04	1000sqft	1.11	15,045.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Custom Area

Construction Phase -

Off-road Equipment -

Trips and VMT -

Demolition -

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating -

Energy Use - 2005 Title 24 Standard assumed by checking using historical data

Water And Wastewater -

Sequestration -

Mobile Land Use Mitigation -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	196,180.00	196,181.00
tblLandUse	LandUseSquareFeet	118,620.00	118,619.00
tblLandUse	LandUseSquareFeet	4,300.00	4,302.00
tblLandUse	LandUseSquareFeet	14,110.00	14,114.00
tblLandUse	LandUseSquareFeet	23,890.00	23,892.00
tblLandUse	LandUseSquareFeet	79,730.00	79,732.00
tblLandUse	LandUseSquareFeet	15,040.00	15,045.00
tblLandUse	LotAcreage	0.21	0.33
tblLandUse	LotAcreage	4.50	6.88
tblLandUse	LotAcreage	2.72	2.68
tblLandUse	LotAcreage	0.97	0.57
tblLandUse	LotAcreage	0.10	0.72
tblLandUse	LotAcreage	0.24	0.45
tblLandUse	LotAcreage	0.32	1.14
tblLandUse	LotAcreage	0.55	3.77

tblLandUse	LotAcreage	1.83	4.85
tblLandUse	LotAcreage	0.35	1.11
tblSequestration	NumberOfNewTrees	0.00	47.00
tblSequestration	NumberOfNewTrees	0.00	266.00

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					
2000	0.9893	6.3619	4.6195	0.0391	0.4161	0.3548	0.7710	0.1484	0.3526	0.5011	0.0000	420.7399	420.7399	0.0786	0.0000	422.7045
2001	2.0690	10.3503	11.0631	0.0680	0.2687	0.6264	0.8951	0.0730	0.6205	0.6935	0.0000	825.0629	825.0629	0.1618	0.0000	829.1066
2002	5.9840	2.2877	2.2009	0.0145	0.0496	0.1390	0.1885	0.0135	0.1380	0.1514	0.0000	170.2117	170.2117	0.0341	0.0000	171.0647
Maximum	**5.9840**	**10.3503**	**11.0631**	**0.0680**	**0.4161**	**0.6264**	**0.8951**	**0.1484**	**0.6205**	**0.6935**	**0.0000**	**825.0629**	**825.0629**	**0.1618**	**0.0000**	**829.1066**

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					
2000	0.9893	6.3619	4.6195	0.0391	0.4161	0.3548	0.7710	0.1484	0.3526	0.5011	0.0000	420.7396	420.7396	0.0786	0.0000	422.7042
2001	2.0690	10.3503	11.0631	0.0680	0.2687	0.6264	0.8951	0.0730	0.6205	0.6935	0.0000	825.0625	825.0625	0.1618	0.0000	829.1062

2002	5.9840	2.2877	2.2009	0.0145	0.0496	0.1390	0.1885	0.0135	0.1380	0.1514	0.0000	170.2116	170.2116	0.0341	0.0000	171.0646
Maximum	**5.9840**	**10.3503**	**11.0631**	**0.0680**	**0.4161**	**0.6264**	**0.8951**	**0.1484**	**0.6205**	**0.6935**	**0.0000**	**825.0625**	**825.0625**	**0.1618**	**0.0000**	**829.1062**

	ROG	NOx	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**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**7-1-2000**	**9-30-2000**	4.2757	4.2757
2	**10-1-2000**	**12-31-2000**	3.1671	3.1671
3	**1-1-2001**	**3-31-2001**	3.0982	3.0982
4	**4-1-2001**	**6-30-2001**	3.0509	3.0509
5	**7-1-2001**	**9-30-2001**	3.0844	3.0844
6	**10-1-2001**	**12-31-2001**	3.1671	3.1671
7	**1-1-2002**	**3-31-2002**	3.0198	3.0198
8	**4-1-2002**	**6-30-2002**	5.2235	5.2235
		Highest	5.2235	5.2235

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	2.1311	6.9000e-004	0.0525	5.0000e-005		3.8500e-003	3.8500e-003		3.8500e-003	3.8500e-003	0.3813	0.1384	0.5198	7.8000e-004	2.0000e-005	0.5458
Energy	0.0393	0.3573	0.2979	2.1500e-003		0.0272	0.0272		0.0272	0.0272	0.0000	1,705.7455	1,705.7455	0.0670	0.0195	1,713.2172
Mobile	1.1463	4.4119	12.0376	0.0330	2.7316	0.0382	2.7698	0.7313	0.0359	0.7673	0.0000	3,014.2664	3,014.2664	0.1233	0.0000	3,017.3479
Waste						0.0000	0.0000		0.0000	0.0000	198.2024	0.0000	198.2024	11.7134	0.0000	491.0381

Water						0.0000	0.0000		0.0000	0.0000	32.3738	165.8437	198.2175	3.3326	0.0801	305.3916
Total	**3.3168**	**4.7698**	**12.3880**	**0.0352**	**2.7316**	**0.0693**	**2.8008**	**0.7313**	**0.0670**	**0.7983**	**230.9576**	**4,885.9941**	**5,116.9517**	**15.2371**	**0.0995**	**5,527.5406**

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	2.1311	6.9000e-004	0.0525	5.0000e-005		3.8500e-003	3.8500e-003		3.8500e-003	3.8500e-003	0.3813	0.1384	0.5198	7.8000e-004	2.0000e-005	0.5458
Energy	0.0393	0.3573	0.2979	2.1500e-003		0.0272	0.0272		0.0272	0.0272	0.0000	1,705.7455	1,705.7455	0.0670	0.0195	1,713.2172
Mobile	1.1463	4.4119	12.0376	0.0330	2.7316	0.0382	2.7698	0.7313	0.0359	0.7673	0.0000	3,014.2664	3,014.2664	0.1233	0.0000	3,017.3479
Waste						0.0000	0.0000		0.0000	0.0000	198.2024	0.0000	198.2024	11.7134	0.0000	491.0381
Water						0.0000	0.0000		0.0000	0.0000	32.3738	165.8437	198.2175	3.3326	0.0801	305.3916
Total	**3.3168**	**4.7698**	**12.3880**	**0.0352**	**2.7316**	**0.0693**	**2.8008**	**0.7313**	**0.0670**	**0.7983**	**230.9576**	**4,885.9941**	**5,116.9517**	**15.2371**	**0.0995**	**5,527.5406**

	ROG	NOx	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**

2.3 Vegetation

Vegetation

	CO2e
Category	MT

New Trees	228.5200
Total	**228.5200**

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	7/1/2000	7/28/2000	5	20	
2	Site Preparation	Site Preparation	7/29/2000	8/11/2000	5	10	
3	Grading	Grading	8/12/2000	9/29/2000	5	35	
4	Building Construction	Building Construction	9/30/2000	3/1/2002	5	370	
5	Paving	Paving	3/2/2002	3/29/2002	5	20	
6	Architectural Coating	Architectural Coating	3/30/2002	4/26/2002	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.5

Acres of Paving: 0

Residential Indoor: 10,935; Residential Outdoor: 3,645; Non-Residential Indoor: 707,303; Non-Residential Outdoor: 235,768; Striped

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	878.00	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	195.00	78.00	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	39.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2000

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0950	0.0000	0.0950	0.0144	0.0000	0.0144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1020	0.7704	0.2922	4.4200e-003		0.0438	0.0438		0.0438	0.0438	0.0000	39.7218	39.7218	8.3100e-003	0.0000	39.9295
Total	**0.1020**	**0.7704**	**0.2922**	**4.4200e-003**	**0.0950**	**0.0438**	**0.1388**	**0.0144**	**0.0438**	**0.0582**	**0.0000**	**39.7218**	**39.7218**	**8.3100e-003**	**0.0000**	**39.9295**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0391	0.4661	0.2107	3.4900e-003	7.4300e-003	0.0173	0.0247	2.0400e-003	0.0165	0.0186	0.0000	36.1454	36.1454	3.1500e-003	0.0000	36.2241
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1200e-003	3.9200e-003	0.0332	2.0000e-005	1.1900e-003	4.0000e-005	1.2300e-003	3.2000e-004	4.0000e-005	3.6000e-004	0.0000	1.2411	1.2411	1.9000e-004	0.0000	1.2459
Total	**0.0422**	**0.4701**	**0.2438**	**3.5100e-003**	**8.6200e-003**	**0.0173**	**0.0259**	**2.3600e-003**	**0.0166**	**0.0189**	**0.0000**	**37.3865**	**37.3865**	**3.3400e-003**	**0.0000**	**37.4700**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0950	0.0000	0.0950	0.0144	0.0000	0.0144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1020	0.7704	0.2922	4.4200e-003		0.0438	0.0438		0.0438	0.0438	0.0000	39.7218	39.7218	8.3100e-003	0.0000	39.9295

Total	**0.1020**	**0.7704**	**0.2922**	**4.4200e-003**	**0.0950**	**0.0438**	**0.1388**	**0.0144**	**0.0438**	**0.0582**	**0.0000**	**39.7218**	**39.7218**	**8.3100e-003**	**0.0000**	**39.9295**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0391	0.4661	0.2107	3.4900e-003	7.4300e-003	0.0173	0.0247	2.0400e-003	0.0165	0.0186	0.0000	36.1454	36.1454	3.1500e-003	0.0000	36.2241
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1200e-003	3.9200e-003	0.0332	2.0000e-005	1.1900e-003	4.0000e-005	1.2300e-003	3.2000e-004	4.0000e-005	3.6000e-004	0.0000	1.2411	1.2411	1.9000e-004	0.0000	1.2459
Total	**0.0422**	**0.4701**	**0.2438**	**3.5100e-003**	**8.6200e-003**	**0.0173**	**0.0259**	**2.3600e-003**	**0.0166**	**0.0189**	**0.0000**	**37.3865**	**37.3865**	**3.3400e-003**	**0.0000**	**37.4700**

3.3 Site Preparation - 2000

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0561	0.4016	0.1539	2.2500e-003		0.0252	0.0252		0.0252	0.0252	0.0000	20.0023	20.0023	4.5700e-003	0.0000	20.1165
Total	**0.0561**	**0.4016**	**0.1539**	**2.2500e-003**	**0.0903**	**0.0252**	**0.1156**	**0.0497**	**0.0252**	**0.0749**	**0.0000**	**20.0023**	**20.0023**	**4.5700e-003**	**0.0000**	**20.1165**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8700e-003	2.3500e-003	0.0199	1.0000e-005	7.1000e-004	3.0000e-005	7.4000e-004	1.9000e-004	2.0000e-005	2.1000e-004	0.0000	0.7447	0.7447	1.2000e-004	0.0000	0.7476
Total	**1.8700e-003**	**2.3500e-003**	**0.0199**	**1.0000e-005**	**7.1000e-004**	**3.0000e-005**	**7.4000e-004**	**1.9000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**0.7447**	**0.7447**	**1.2000e-004**	**0.0000**	**0.7476**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0561	0.4016	0.1539	2.2500e-003		0.0252	0.0252		0.0252	0.0252	0.0000	20.0023	20.0023	4.5700e-003	0.0000	20.1164
Total	**0.0561**	**0.4016**	**0.1539**	**2.2500e-003**	**0.0903**	**0.0252**	**0.1156**	**0.0497**	**0.0252**	**0.0749**	**0.0000**	**20.0023**	**20.0023**	**4.5700e-003**	**0.0000**	**20.1164**

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8700e-003	2.3500e-003	0.0199	1.0000e-005	7.1000e-004	3.0000e-005	7.4000e-004	1.9000e-004	2.0000e-005	2.1000e-004	0.0000	0.7447	0.7447	1.2000e-004	0.0000	0.7476
Total	**1.8700e-003**	**2.3500e-003**	**0.0199**	**1.0000e-005**	**7.1000e-004**	**3.0000e-005**	**7.4000e-004**	**1.9000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**0.7447**	**0.7447**	**1.2000e-004**	**0.0000**	**0.7476**

3.4 Grading - 2000

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2646	2.1307	1.0772	0.0120		0.1124	0.1124		0.1124	0.1124	0.0000	114.5134	114.5134	0.0215	0.0000	115.0513
Total	**0.2646**	**2.1307**	**1.0772**	**0.0120**	**0.1518**	**0.1124**	**0.2642**	**0.0629**	**0.1124**	**0.1753**	**0.0000**	**114.5134**	**114.5134**	**0.0215**	**0.0000**	**115.0513**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2900e-003	9.1500e-003	0.0774	5.0000e-005	2.7800e-003	1.0000e-004	2.8800e-003	7.4000e-004	1.0000e-004	8.3000e-004	0.0000	2.8959	2.8959	4.5000e-004	0.0000	2.9072
Total	**7.2900e-003**	**9.1500e-003**	**0.0774**	**5.0000e-005**	**2.7800e-003**	**1.0000e-004**	**2.8800e-003**	**7.4000e-004**	**1.0000e-004**	**8.3000e-004**	**0.0000**	**2.8959**	**2.8959**	**4.5000e-004**	**0.0000**	**2.9072**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2646	2.1307	1.0772	0.0120		0.1124	0.1124		0.1124	0.1124	0.0000	114.5133	114.5133	0.0215	0.0000	115.0511
Total	**0.2646**	**2.1307**	**1.0772**	**0.0120**	**0.1518**	**0.1124**	**0.2642**	**0.0629**	**0.1124**	**0.1753**	**0.0000**	**114.5133**	**114.5133**	**0.0215**	**0.0000**	**115.0511**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2900e-003	9.1500e-003	0.0774	5.0000e-005	2.7800e-003	1.0000e-004	2.8800e-003	7.4000e-004	1.0000e-004	8.3000e-004	0.0000	2.8959	2.8959	4.5000e-004	0.0000	2.9072
Total	**7.2900e-003**	**9.1500e-003**	**0.0774**	**5.0000e-005**	**2.7800e-003**	**1.0000e-004**	**2.8800e-003**	**7.4000e-004**	**1.0000e-004**	**8.3000e-004**	**0.0000**	**2.8959**	**2.8959**	**4.5000e-004**	**0.0000**	**2.9072**

3.5 Building Construction - 2000

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2836	1.5685	0.7267	9.8800e-003		0.1233	0.1233		0.1233	0.1233	0.0000	85.4298	85.4298	0.0231	0.0000	86.0072
Total	**0.2836**	**1.5685**	**0.7267**	**9.8800e-003**		**0.1233**	**0.1233**		**0.1233**	**0.1233**	**0.0000**	**85.4298**	**85.4298**	**0.0231**	**0.0000**	**86.0072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0998	0.8435	0.6278	6.1600e-003	0.0167	0.0308	0.0475	4.8200e-003	0.0295	0.0343	0.0000	67.6100	67.6100	9.0000e-003	0.0000	67.8350
Worker	0.1319	0.1657	1.4007	8.8000e-004	0.0503	1.8800e-003	0.0522	0.0134	1.7400e-003	0.0151	0.0000	52.4356	52.4356	8.1900e-003	0.0000	52.6403
Total	**0.2317**	**1.0092**	**2.0285**	**7.0400e-003**	**0.0669**	**0.0327**	**0.0996**	**0.0182**	**0.0312**	**0.0494**	**0.0000**	**120.0456**	**120.0456**	**0.0172**	**0.0000**	**120.4753**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2836	1.5685	0.7267	9.8800e-003		0.1233	0.1233		0.1233	0.1233	0.0000	85.4297	85.4297	0.0231	0.0000	86.0071

Total	**0.2836**	**1.5685**	**0.7267**	**9.8800e-003**		**0.1233**	**0.1233**		**0.1233**	**0.1233**	**0.0000**	**85.4297**	**85.4297**	**0.0231**	**0.0000**	**86.0071**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0998	0.8435	0.6278	6.1600e-003	0.0167	0.0308	0.0475	4.8200e-003	0.0295	0.0343	0.0000	67.6100	67.6100	9.0000e-003	0.0000	67.8350
Worker	0.1319	0.1657	1.4007	8.8000e-004	0.0503	1.8800e-003	0.0522	0.0134	1.7400e-003	0.0151	0.0000	52.4356	52.4356	8.1900e-003	0.0000	52.6403
Total	**0.2317**	**1.0092**	**2.0285**	**7.0400e-003**	**0.0669**	**0.0327**	**0.0996**	**0.0182**	**0.0312**	**0.0494**	**0.0000**	**120.0456**	**120.0456**	**0.0172**	**0.0000**	**120.4753**

3.5 Building Construction - 2001

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1386	6.2982	2.9179	0.0397		0.4951	0.4951		0.4951	0.4951	0.0000	343.0336	343.0336	0.0927	0.0000	345.3518
Total	**1.1386**	**6.2982**	**2.9179**	**0.0397**		**0.4951**	**0.4951**		**0.4951**	**0.4951**	**0.0000**	**343.0336**	**343.0336**	**0.0927**	**0.0000**	**345.3518**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4007	3.3870	2.5207	0.0247	0.0669	0.1237	0.1906	0.0193	0.1183	0.1377	0.0000	271.4803	271.4803	0.0361	0.0000	272.3838
Worker	0.5297	0.6652	5.6245	3.5400e-003	0.2018	7.5600e-003	0.2094	0.0537	7.0000e-003	0.0607	0.0000	210.5490	210.5490	0.0329	0.0000	211.3710
Total	**0.9304**	**4.0521**	**8.1453**	**0.0283**	**0.2687**	**0.1312**	**0.4000**	**0.0730**	**0.1253**	**0.1983**	**0.0000**	**482.0293**	**482.0293**	**0.0690**	**0.0000**	**483.7547**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1386	6.2982	2.9178	0.0397		0.4951	0.4951		0.4951	0.4951	0.0000	343.0332	343.0332	0.0927	0.0000	345.3514
Total	**1.1386**	**6.2982**	**2.9178**	**0.0397**		**0.4951**	**0.4951**		**0.4951**	**0.4951**	**0.0000**	**343.0332**	**343.0332**	**0.0927**	**0.0000**	**345.3514**

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4007	3.3870	2.5207	0.0247	0.0669	0.1237	0.1906	0.0193	0.1183	0.1377	0.0000	271.4803	271.4803	0.0361	0.0000	272.3838
Worker	0.5297	0.6652	5.6245	3.5400e-003	0.2018	7.5600e-003	0.2094	0.0537	7.0000e-003	0.0607	0.0000	210.5490	210.5490	0.0329	0.0000	211.3710
Total	**0.9304**	**4.0521**	**8.1453**	**0.0283**	**0.2687**	**0.1312**	**0.4000**	**0.0730**	**0.1253**	**0.1983**	**0.0000**	**482.0293**	**482.0293**	**0.0690**	**0.0000**	**483.7547**

3.5 Building Construction - 2002

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1919	1.0618	0.4919	6.6900e-003		0.0835	0.0835		0.0835	0.0835	0.0000	57.8294	57.8294	0.0156	0.0000	58.2202
Total	**0.1919**	**1.0618**	**0.4919**	**6.6900e-003**		**0.0835**	**0.0835**		**0.0835**	**0.0835**	**0.0000**	**57.8294**	**57.8294**	**0.0156**	**0.0000**	**58.2202**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0676	0.5710	0.4250	4.1700e-003	0.0113	0.0209	0.0321	3.2600e-003	0.0200	0.0232	0.0000	45.7668	45.7668	6.0900e-003	0.0000	45.9191
Worker	0.0893	0.1121	0.9482	6.0000e-004	0.0340	1.2700e-003	0.0353	9.0500e-003	1.1800e-003	0.0102	0.0000	35.4948	35.4948	5.5400e-003	0.0000	35.6334
Total	**0.1569**	**0.6831**	**1.3732**	**4.7700e-003**	**0.0453**	**0.0221**	**0.0674**	**0.0123**	**0.0211**	**0.0334**	**0.0000**	**81.2616**	**81.2616**	**0.0116**	**0.0000**	**81.5525**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1919	1.0618	0.4919	6.6900e-003		0.0835	0.0835		0.0835	0.0835	0.0000	57.8294	57.8294	0.0156	0.0000	58.2202
Total	**0.1919**	**1.0618**	**0.4919**	**6.6900e-003**		**0.0835**	**0.0835**		**0.0835**	**0.0835**	**0.0000**	**57.8294**	**57.8294**	**0.0156**	**0.0000**	**58.2202**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0676	0.5710	0.4250	4.1700e-003	0.0113	0.0209	0.0321	3.2600e-003	0.0200	0.0232	0.0000	45.7668	45.7668	6.0900e-003	0.0000	45.9191
Worker	0.0893	0.1121	0.9482	6.0000e-004	0.0340	1.2700e-003	0.0353	9.0500e-003	1.1800e-003	0.0102	0.0000	35.4948	35.4948	5.5400e-003	0.0000	35.6334
Total	**0.1569**	**0.6831**	**1.3732**	**4.7700e-003**	**0.0453**	**0.0221**	**0.0674**	**0.0123**	**0.0211**	**0.0334**	**0.0000**	**81.2616**	**81.2616**	**0.0116**	**0.0000**	**81.5525**

3.6 Paving - 2002

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0668	0.4778	0.1940	2.7000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	24.0995	24.0995	5.4400e-003	0.0000	24.2355
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0668**	**0.4778**	**0.1940**	**2.7000e-003**		**0.0291**	**0.0291**		**0.0291**	**0.0291**	**0.0000**	**24.0995**	**24.0995**	**5.4400e-003**	**0.0000**	**24.2355**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1200e-003	3.9200e-003	0.0332	2.0000e-005	1.1900e-003	4.0000e-005	1.2300e-003	3.2000e-004	4.0000e-005	3.6000e-004	0.0000	1.2411	1.2411	1.9000e-004	0.0000	1.2459
Total	**3.1200e-003**	**3.9200e-003**	**0.0332**	**2.0000e-005**	**1.1900e-003**	**4.0000e-005**	**1.2300e-003**	**3.2000e-004**	**4.0000e-005**	**3.6000e-004**	**0.0000**	**1.2411**	**1.2411**	**1.9000e-004**	**0.0000**	**1.2459**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0668	0.4778	0.1940	2.7000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	24.0995	24.0995	5.4400e-003	0.0000	24.2355

Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0668**	**0.4778**	**0.1940**	**2.7000e-003**		**0.0291**	**0.0291**		**0.0291**	**0.0291**	**0.0000**	**24.0995**	**24.0995**	**5.4400e-003**	**0.0000**	**24.2355**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1200e-003	3.9200e-003	0.0332	2.0000e-005	1.1900e-003	4.0000e-005	1.2300e-003	3.2000e-004	4.0000e-005	3.6000e-004	0.0000	1.2411	1.2411	1.9000e-004	0.0000	1.2459
Total	**3.1200e-003**	**3.9200e-003**	**0.0332**	**2.0000e-005**	**1.1900e-003**	**4.0000e-005**	**1.2300e-003**	**3.2000e-004**	**4.0000e-005**	**3.6000e-004**	**0.0000**	**1.2411**	**1.2411**	**1.9000e-004**	**0.0000**	**1.2459**

3.7 Architectural Coating - 2002

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.5484					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.7700e-003	0.0509	0.0225	3.0000e-004		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	2.5533	2.5533	7.1000e-004	0.0000	2.5711
Total	**5.5572**	**0.0509**	**0.0225**	**3.0000e-004**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**2.5533**	**2.5533**	**7.1000e-004**	**0.0000**	**2.5711**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.1200e-003	0.0102	0.0862	5.0000e-005	3.0900e-003	1.2000e-004	3.2100e-003	8.2000e-004	1.1000e-004	9.3000e-004	0.0000	3.2268	3.2268	5.0000e-004	0.0000	3.2394
Total	**8.1200e-003**	**0.0102**	**0.0862**	**5.0000e-005**	**3.0900e-003**	**1.2000e-004**	**3.2100e-003**	**8.2000e-004**	**1.1000e-004**	**9.3000e-004**	**0.0000**	**3.2268**	**3.2268**	**5.0000e-004**	**0.0000**	**3.2394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.5484					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.7700e-003	0.0509	0.0225	3.0000e-004		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	2.5533	2.5533	7.1000e-004	0.0000	2.5711
Total	**5.5572**	**0.0509**	**0.0225**	**3.0000e-004**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**2.5533**	**2.5533**	**7.1000e-004**	**0.0000**	**2.5711**

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.1200e-003	0.0102	0.0862	5.0000e-005	3.0900e-003	1.2000e-004	3.2100e-003	8.2000e-004	1.1000e-004	9.3000e-004	0.0000	3.2268	3.2268	5.0000e-004	0.0000	3.2394
Total	**8.1200e-003**	**0.0102**	**0.0862**	**5.0000e-005**	**3.0900e-003**	**1.2000e-004**	**3.2100e-003**	**8.2000e-004**	**1.1000e-004**	**9.3000e-004**	**0.0000**	**3.2268**	**3.2268**	**5.0000e-004**	**0.0000**	**3.2394**

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	tons/yr										MT/yr					
Mitigated	1.1463	4.4119	12.0376	0.0330	2.7316	0.0382	2.7698	0.7313	0.0359	0.7673	0.0000	3,014.2664	3,014.2664	0.1233	0.0000	3,017.3479
Unmitigated	1.1463	4.4119	12.0376	0.0330	2.7316	0.0382	2.7698	0.7313	0.0359	0.7673	0.0000	3,014.2664	3,014.2664	0.1233	0.0000	3,017.3479

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	102.00	102.00	51.08	94,362	94,362
General Light Industry	555.72	105.24	54.22	1,225,382	1,225,382
Government (Civic Center)	667.01	0.00	0.00	910,771	910,771
Hardware/Paint Store	771.40	1,241.10	1032.50	1,274,076	1,274,076
High Turnover (Sit Down Restaurant)	1,354.15	1,686.64	1404.10	1,634,560	1,634,560
Place of Worship	81.99	93.33	329.67	222,598	222,598
Refrigerated Warehouse-No Rail	329.58	329.58	329.58	962,219	962,219
Racquet Club	197.96	301.25	245.51	373,381	373,381

Single Family Housing	28.56	29.73	25.86	65,458	65,458
Unrefrigerated Warehouse-No Rail	199.28	199.28	199.28	581,805	581,805
Total	4,287.65	4,088.15	3,671.80	7,344,611	7,344,611

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Automobile Care Center	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Hardware/Paint Store	9.50	7.30	7.30	13.60	67.40	19.00	45	29	26
High Turnover (Sit Down	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Place of Worship	9.50	7.30	7.30	0.00	95.00	5.00	64	25	11
Refrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
Racquet Club	9.50	7.30	7.30	11.50	69.50	19.00	52	39	9
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812
General Light Industry	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812
Government (Civic Center)	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812
Hardware/Paint Store	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812
High Turnover (Sit Down Restaurant)	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812
Place of Worship	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812
Refrigerated Warehouse-No Rail	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812
Racquet Club	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812
Single Family Housing	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812
Unrefrigerated Warehouse-No Rail	0.601004	0.039123	0.186461	0.109772	0.016124	0.004965	0.012251	0.019838	0.002045	0.001602	0.005388	0.000616	0.000812

5.0 Energy Detail

Historical Energy Use: Y

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	1,316.4461	1,316.4461	0.0595	0.0123	1,321.6043
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,316.4461	1,316.4461	0.0595	0.0123	1,321.6043
NaturalGas Mitigated	0.0393	0.3573	0.2979	2.1500e-003		0.0272	0.0272		0.0272	0.0272	0.0000	389.2994	389.2994	7.4600e-003	7.1400e-003	391.6129
NaturalGas Unmitigated	0.0393	0.3573	0.2979	2.1500e-003		0.0272	0.0272		0.0272	0.0272	0.0000	389.2994	389.2994	7.4600e-003	7.1400e-003	391.6129

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					
Automobile Care Center	125834	6.8000e-004	6.1700e-003	5.1800e-003	4.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	6.7150	6.7150	1.3000e-004	1.2000e-004	6.7549
General Light Industry	2.33216e+006	0.0126	0.1143	0.0960	6.9000e-004		8.6900e-003	8.6900e-003		8.6900e-003	8.6900e-003	0.0000	124.4530	124.4530	2.3900e-003	2.2800e-003	125.1926
Government (Civic Center)	476884	2.5700e-003	0.0234	0.0196	1.4000e-004		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	25.4484	25.4484	4.9000e-004	4.7000e-004	25.5996
Hardware/Paint Store	43931.4	2.4000e-004	2.1500e-003	1.8100e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.3444	2.3444	4.0000e-005	4.0000e-005	2.3583
High Turnover (Sit Down Restaurant)	2.26089e+006	0.0122	0.1108	0.0931	6.6000e-004		8.4200e-003	8.4200e-003		8.4200e-003	8.4200e-003	0.0000	120.6496	120.6496	2.3100e-003	2.2100e-003	121.3666
Place of Worship	263250	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0480	14.0480	2.7000e-004	2.6000e-004	14.1315

Racquet Club	412835	2.2300e-003	0.0202	0.0170	1.2000e-004		1.5400e-003	1.5400e-003		1.5400e-003	1.5400e-003	0.0000	22.0304	22.0304	4.2000e-004	4.0000e-004	22.1613
Refrigerated Warehouse-No Rail	757259	4.0800e-003	0.0371	0.0312	2.2000e-004		2.8200e-003	2.8200e-003		2.8200e-003	2.8200e-003	0.0000	40.4102	40.4102	7.7000e-004	7.4000e-004	40.6503
Single Family Housing	115651	6.2000e-004	5.3300e-003	2.2700e-003	3.0000e-005		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	6.1716	6.1716	1.2000e-004	1.1000e-004	6.2083
Unrefrigerated Warehouse-No Rail	506503	2.7300e-003	0.0248	0.0209	1.5000e-004		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003	0.0000	27.0289	27.0289	5.2000e-004	5.0000e-004	27.1896
Total		**0.0393**	**0.3573**	**0.2979**	**2.1400e-003**		**0.0272**	**0.0272**		**0.0272**	**0.0272**	**0.0000**	**389.2994**	**389.2994**	**7.4600e-003**	**7.1300e-003**	**391.6129**

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					
Automobile Care Center	125834	6.8000e-004	6.1700e-003	5.1800e-003	4.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	6.7150	6.7150	1.3000e-004	1.2000e-004	6.7549
General Light Industry	2.33216e+006	0.0126	0.1143	0.0960	6.9000e-004		8.6900e-003	8.6900e-003		8.6900e-003	8.6900e-003	0.0000	124.4530	124.4530	2.3900e-003	2.2800e-003	125.1926
Government (Civic Center)	476884	2.5700e-003	0.0234	0.0196	1.4000e-004		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	25.4484	25.4484	4.9000e-004	4.7000e-004	25.5996
Hardware/Paint Store	43931.4	2.4000e-004	2.1500e-003	1.8100e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.3444	2.3444	4.0000e-005	4.0000e-005	2.3583
High Turnover (Sit Down Restaurant)	2.26089e+006	0.0122	0.1108	0.0931	6.6000e-004		8.4200e-003	8.4200e-003		8.4200e-003	8.4200e-003	0.0000	120.6496	120.6496	2.3100e-003	2.2100e-003	121.3666
Place of Worship	263250	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0480	14.0480	2.7000e-004	2.6000e-004	14.1315
Racquet Club	412835	2.2300e-003	0.0202	0.0170	1.2000e-004		1.5400e-003	1.5400e-003		1.5400e-003	1.5400e-003	0.0000	22.0304	22.0304	4.2000e-004	4.0000e-004	22.1613
Refrigerated Warehouse-No Rail	757259	4.0800e-003	0.0371	0.0312	2.2000e-004		2.8200e-003	2.8200e-003		2.8200e-003	2.8200e-003	0.0000	40.4102	40.4102	7.7000e-004	7.4000e-004	40.6503
Single Family Housing	115651	6.2000e-004	5.3300e-003	2.2700e-003	3.0000e-005		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	6.1716	6.1716	1.2000e-004	1.1000e-004	6.2083
Unrefrigerated Warehouse-No Rail	506503	2.7300e-003	0.0248	0.0209	1.5000e-004		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003	0.0000	27.0289	27.0289	5.2000e-004	5.0000e-004	27.1896
Total		**0.0393**	**0.3573**	**0.2979**	**2.1400e-003**		**0.0272**	**0.0272**		**0.0272**	**0.0272**	**0.0000**	**389.2994**	**389.2994**	**7.4600e-003**	**7.1300e-003**	**391.6129**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	40567.9	11.8017	5.3000e-004	1.1000e-004	11.8479
General Light Industry	751873	218.7284	9.8900e-003	2.0500e-003	219.5855
Government (Civic Center)	491458	142.9709	6.4600e-003	1.3400e-003	143.5311
Hardware/Paint Store	184301	53.6154	2.4200e-003	5.0000e-004	53.8254
High Turnover (Sit Down Restaurant)	374135	108.8400	4.9200e-003	1.0200e-003	109.2665
Place of Worship	84870	24.6897	1.1200e-003	2.3000e-004	24.7864
Racquet Club	133095	38.7189	1.7500e-003	3.6000e-004	38.8706
Refrigerated Warehouse-No Rail	1.96181e+006	570.7130	0.0258	5.3400e-003	572.9493
Single Family Housing	21543.6	6.2673	2.8000e-004	6.0000e-005	6.2918
Unrefrigerated Warehouse-No Rail	481593	140.1010	6.3300e-003	1.3100e-003	140.6499
Total		**1,316.4461**	**0.0595**	**0.0123**	**1,321.6043**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	40567.9	11.8017	5.3000e-004	1.1000e-004	11.8479

General Light Industry	751873	218.7284	9.8900e-003	2.0500e-003	219.5855
Government (Civic Center)	491458	142.9709	6.4600e-003	1.3400e-003	143.5311
Hardware/Paint Store	184301	53.6154	2.4200e-003	5.0000e-004	53.8254
High Turnover (Sit Down Restaurant)	374135	108.8400	4.9200e-003	1.0200e-003	109.2665
Place of Worship	84870	24.6897	1.1200e-003	2.3000e-004	24.7864
Racquet Club	133095	38.7189	1.7500e-003	3.6000e-004	38.8706
Refrigerated Warehouse-No Rail	1.96181e+006	570.7130	0.0258	5.3400e-003	572.9493
Single Family Housing	21543.6	6.2673	2.8000e-004	6.0000e-005	6.2918
Unrefrigerated Warehouse-No Rail	481593	140.1010	6.3300e-003	1.3100e-003	140.6499
Total		**1,316.4461**	**0.0595**	**0.0123**	**1,321.6043**

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	2.1311	6.9000e-004	0.0525	5.0000e-005		3.8500e-003	3.8500e-003		3.8500e-003	3.8500e-003	0.3813	0.1384	0.5198	7.8000e-004	2.0000e-005	0.5458
Unmitigated	2.1311	6.9000e-004	0.0525	5.0000e-005		3.8500e-003	3.8500e-003		3.8500e-003	3.8500e-003	0.3813	0.1384	0.5198	7.8000e-004	2.0000e-005	0.5458

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	0.2497					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8627					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0177	3.9000e-004	0.0257	5.0000e-005		3.7100e-003	3.7100e-003		3.7100e-003	3.7100e-003	0.3813	0.0936	0.4750	7.2000e-004	2.0000e-005	0.4995
Landscaping	1.1000e-003	3.0000e-004	0.0268	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0448	0.0448	6.0000e-005	0.0000	0.0463
Total	**2.1311**	**6.9000e-004**	**0.0525**	**5.0000e-005**		**3.8500e-003**	**3.8500e-003**		**3.8500e-003**	**3.8500e-003**	**0.3813**	**0.1384**	**0.5198**	**7.8000e-004**	**2.0000e-005**	**0.5458**

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	0.2497					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8627					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0177	3.9000e-004	0.0257	5.0000e-005		3.7100e-003	3.7100e-003		3.7100e-003	3.7100e-003	0.3813	0.0936	0.4750	7.2000e-004	2.0000e-005	0.4995
Landscaping	1.1000e-003	3.0000e-004	0.0268	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0448	0.0448	6.0000e-005	0.0000	0.0463
Total	**2.1311**	**6.9000e-004**	**0.0525**	**5.0000e-005**		**3.8500e-003**	**3.8500e-003**		**3.8500e-003**	**3.8500e-003**	**0.3813**	**0.1384**	**0.5198**	**7.8000e-004**	**2.0000e-005**	**0.5458**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	198.2175	3.3326	0.0801	305.3916
Unmitigated	198.2175	3.3326	0.0801	305.3916

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	0.404549 / 0.247949	1.0176	0.0132	3.2000e-004	1.4434
General Light Industry	18.4376 / 0	34.8724	0.6021	0.0145	54.2332
Government (Civic Center)	4.74598 / 2.90883	11.9382	0.1551	3.7500e-003	16.9334
Hardware/Paint Store	1.11405 / 0.682805	2.8023	0.0364	8.8000e-004	3.9749
High Turnover (Sit Down Restaurant)	3.23263 / 0.206338	6.3242	0.1056	2.5400e-003	9.7196
Place of Worship	0.2816 / 0.440452	0.9811	9.2200e-003	2.3000e-004	1.2785
Racquet Club	0.83451 / 0.511474	2.0992	0.0273	6.6000e-004	2.9775
Refrigerated Warehouse-No Rail	45.3666 / 0	85.8053	1.4815	0.0356	133.4437
Single Family Housing	0.195462 / 0.123226	0.4952	6.3900e-003	1.5000e-004	0.7009

Unrefrigerated Warehouse-No Rail	27.4309 / 0	51.8821	0.8958	0.0215	80.6866
Total		**198.2175**	**3.3326**	**0.0801**	**305.3917**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	0.404549 / 0.247949	1.0176	0.0132	3.2000e-004	1.4434
General Light Industry	18.4376 / 0	34.8724	0.6021	0.0145	54.2332
Government (Civic Center)	4.74598 / 2.90883	11.9382	0.1551	3.7500e-003	16.9334
Hardware/Paint Store	1.11405 / 0.682805	2.8023	0.0364	8.8000e-004	3.9749
High Turnover (Sit Down Restaurant)	3.23263 / 0.206338	6.3242	0.1056	2.5400e-003	9.7196
Place of Worship	0.2816 / 0.440452	0.9811	9.2200e-003	2.3000e-004	1.2785
Racquet Club	0.83451 / 0.511474	2.0992	0.0273	6.6000e-004	2.9775
Refrigerated Warehouse-No Rail	45.3666 / 0	85.8053	1.4815	0.0356	133.4437
Single Family Housing	0.195462 / 0.123226	0.4952	6.3900e-003	1.5000e-004	0.7009
Unrefrigerated Warehouse-No Rail	27.4309 / 0	51.8821	0.8958	0.0215	80.6866
Total		**198.2175**	**3.3326**	**0.0801**	**305.3917**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	198.2024	11.7134	0.0000	491.0381
Unmitigated	198.2024	11.7134	0.0000	491.0381

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	16.43	3.3351	0.1971	0.0000	8.2627
General Light Industry	98.87	20.0697	1.1861	0.0000	49.7219
Government (Civic Center)	136.17	27.6413	1.6336	0.0000	68.4801
Hardware/Paint Store	166.78	33.8548	2.0008	0.0000	83.8739
High Turnover (Sit Down Restaurant)	126.74	25.7271	1.5204	0.0000	63.7377
Place of Worship	51.3	10.4134	0.6154	0.0000	25.7989
Racquet Club	80.43	16.3266	0.9649	0.0000	40.4484
Refrigerated Warehouse-No Rail	184.41	37.4336	2.2123	0.0000	92.7401
Single Family Housing	3.78	0.7673	0.0454	0.0000	1.9010

Unrefrigerated Warehouse-No Rail	111.5	22.6335	1.3376	0.0000	56.0735
Total		**198.2024**	**11.7134**	**0.0000**	**491.0381**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	16.43	3.3351	0.1971	0.0000	8.2627
General Light Industry	98.87	20.0697	1.1861	0.0000	49.7219
Government (Civic Center)	136.17	27.6413	1.6336	0.0000	68.4801
Hardware/Paint Store	166.78	33.8548	2.0008	0.0000	83.8739
High Turnover (Sit Down Restaurant)	126.74	25.7271	1.5204	0.0000	63.7377
Place of Worship	51.3	10.4134	0.6154	0.0000	25.7989
Racquet Club	80.43	16.3266	0.9649	0.0000	40.4484
Refrigerated Warehouse-No Rail	184.41	37.4336	2.2123	0.0000	92.7401
Single Family Housing	3.78	0.7673	0.0454	0.0000	1.9010
Unrefrigerated Warehouse-No Rail	111.5	22.6335	1.3376	0.0000	56.0735
Total		**198.2024**	**11.7134**	**0.0000**	**491.0381**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	228.5200	0.0000	0.0000	228.5200

11.2 Net New Trees

Species Class

	Number of Trees	Total CO2	CH4	N2O	CO2e
		MT			
Miscellaneous	47	33.2760	0.0000	0.0000	33.2760

Mixed Hardwood	266	195.2440	0.0000	0.0000	195.2440
Total		**228.5200**	**0.0000**	**0.0000**	**228.5200**

C1.j Operational Emissions Summary

ON-SITE OPERATIONS EMISSIONS

Emissions (tons/year)

Phase	Block	Operational Year	Operations Phase	Land Use	Kwh/yr	kBTU/yr	Mgal (Indoor Use / Outdoor Use)	Tons	ROG_Arch Coating only	ROG	NOX	PM10 EXH	PM10 TOT	PM2.5 EXH	PM2.5 TOT	CO2e
1	F5	2025	Energy	Unrefrigerated Warehouse-No Rail	304500	299280	0	0		0	0	0	0	0	0	41.246407
1	F5	2025	Area	Total	0	0	0	0	4.0300e-003	0.3439	1.0000e-005	0.0000	0.0000	0.0000	0.0000	1.6600e-003
1	F5	2025	Water	Unrefrigerated Warehouse-No Rail	0	0	20.1187 / 0	0		0	0	0	0	0	0	39.1440
1	F5	2025	Waste	Unrefrigerated Warehouse-No Rail	0	0	0	13.0848		0	0	0	0	0	0	6.5804
1	F1-F2	2026	Energy	General Office Building	2.8347e+007	2.67465e+007	0	0		0	0	0	0	0	0	3655.6549
1	F1-F2	2026	Energy	Hotel	473600	2.81024e+006	0	0		0	0	0	0	0	0	127.05286
1	F1-F2	2026	Energy	Strip Mall	696130	157450	0	0		0	0	0	0	0	0	75.83283
1	F1-F2	2026	Energy	Unrefrigerated Warehouse-No Rail	175000	172000	0	0		0	0	0	0	0	0	22.760213
1	F1-F2	2026	Energy	User Defined Recreational	123000	117500	0	0		0	0	0	0	0	0	15.902572
1	F1-F2	2026	Area	Total	0	0	0	0	0.0872	7.4350	1.5000e-004	6.0000e-005	6.0000e-005	6.0000e-005	6.0000e-005	0.0352
1	F1-F2	2026	Water	General Office Building	0	0	293.261 / 179.74	0		0	0	0	0	0	0	626.5749
1	F1-F2	2026	Water	Hotel	0	0	2.02934 / 0.225482	0		0	0	0	0	0	0	3.9701
1	F1-F2	2026	Water	Strip Mall	0	0	4.96286 / 3.04175	0		0	0	0	0	0	0	10.6036
1	F1-F2	2026	Water	Unrefrigerated Warehouse-No Rail	0	0	11.5625 / 0	0		0	0	0	0	0	0	22.1589
1	F1-F2	2026	Water	User Defined Recreational	0	0	0 / 0	0		0	0	0	0	0	0	0.0000
1	F1-F2	2026	Waste	General Office Building	0	0	0	245.52		0	0	0	0	0	0	123.4724
1	F1-F2	2026	Waste	Hotel	0	0	0	7.008		0	0	0	0	0	0	3.5243
1	F1-F2	2026	Waste	Strip Mall	0	0	0	11.256		0	0	0	0	0	0	5.6607
1	F1-F2	2026	Waste	Unrefrigerated Warehouse-No Rail	0	0	0	7.52		0	0	0	0	0	0	3.7818
1	F1-F2	2026	Waste	User Defined Recreational	0	0	0	0		0	0	0	0	0	0	0.0000
1	Meander Pav	2026	Energy	Strip Mall	41560	9400	0	0		0	0	0	0	0	0	4.5273137
1	Meander Pav	2026	Area	Strip Mall	0	0	0	0	1.9000e-004	0.0158	0.0000	0.0000	0.0000	0.0000	0.0000	8.0000e-005
1	Meander Pav	2026	Water	Strip Mall	0	0	0.29629 / 0.181597	0		0	0	0	0	0	0	0.6331
1	Meander Pav	2026	Waste	Strip Mall	0	0	0	0.672		0	0	0	0	0	0	0.3380
1	F6	2026	Energy	Apartments High Rise	1.44259e+006	2.92783e+006	0	0		0	0	0	0	0	0	229.77414
1	F6	2026	Energy	Strip Mall	135070	30550	0	0		0	0	0	0	0	0	14.713845
1	F6	2026	Area	Total	0	0	0	0	0.0186	1.2682	0.0299	0.0144	0.0144	0.0144	0.0144	4.3470
1	F6	2026	Water	Apartments High Rise	0	0	22.8039 / 14.3764	0		0	0	0	0	0	0	48.8660
1	F6	2026	Water	Strip Mall	0	0	0.962943 / 0.590191	0		0	0	0	0	0	0	2.0574
1	F6	2026	Waste	Apartments High Rise	0	0	0	25.76		0	0	0	0	0	0	12.9547
1	F6	2026	Waste	Strip Mall	0	0	0	2.184		0	0	0	0	0	0	1.0983
1	F4	2026	Energy	Apartments High Rise	1.4632e+006	2.96966e+006	0	0		0	0	0	0	0	0	233.05678
1	F4	2026	Energy	Hotel	888000	5.2692e+006	0	0		0	0	0	0	0	0	238.22406
1	F4	2026	Energy	Strip Mall	124680	28200	0	0		0	0	0	0	0	0	13.582041
1	F4	2026	Area	Total	0	0	0	0	0.0243	1.7560	0.0304	0.0146	0.0146	0.0146	0.0146	4.4119
1	F4	2026	Water	Apartments High Rise	0	0	23.1297 / 14.5818	0		0	0	0	0	0	0	49.5641
1	F4	2026	Water	Hotel	0	0	3.80502 / 0.422779	0		0	0	0	0	0	0	7.4439
1	F4	2026	Water	Strip Mall	0	0	0.88887 / 0.544791	0		0	0	0	0	0	0	1.8991
1	F4	2026	Waste	Apartments High Rise	0	0	0	26.128		0	0	0	0	0	0	13.1398
1	F4	2026	Waste	Hotel	0	0	0	13.1408		0	0	0	0	0	0	6.6085
1	F4	2026	Waste	Strip Mall	0	0	0	2.016		0	0	0	0	0	0	1.0139
1	150 S Mont	2026	Energy	Strip Mall	178708	40420	0	0		0	0	0	0	0	0	19.467579
1	150 S Mont	2026	Area	Strip Mall	0	0	0	0	8.0000e-004	0.0680	0.0000	0.0000	0.0000	0.0000	0.0000	0.00033
1	150 S Mont	2026	Water	Strip Mall	0	0	1.27405 / 0.780868	0		0	0	0	0	0	0	2.7221
1	150 S Mont	2026	Waste	Strip Mall	0	0	0	2.8896		0	0	0	0	0	0	1.4532
1	G1	2027	Energy	General Office Building	1.52902e+007	1.44269e+007	0	0		0	0	0	0	0	0	1889.3054
1	G1	2027	Energy	Strip Mall	119760	474720	0	0		0	0	0	0	0	0	24.895852
1	G1	2027	Area	Total	0	0	0	0	0.0418	3.5653	7.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	0.0172
1	G1	2027	Water	General Office Building	0	0	158.183 / 96.9509	0		0	0	0	0	0	0	331.519
1	G1	2027	Water	Strip Mall	0	0	0.88887 / 0.544791	0		0	0	0	0	0	0	1.8629
1	G1	2027	Waste	General Office Building	0	0	0	132.432		0	0	0	0	0	0	66.6003
1	G1	2027	Waste	Strip Mall	0	0	0	2.016		0	0	0	0	0	0	1.0139
1	LGC Pav	2027	Energy	Strip Mall	36365	8225	0	0		0	0	0	0	0	0	3.765112
1	LGC Pav	2027	Area	Strip Mall	0	0	0	0	1.6000e-004	0.0138	0.0000	0.0000	0.0000	0.0000	0.0000	0.00007
1	LGC Pav	2027	Water	Strip Mall	0	0	0.259254 / 0.158898	0		0	0	0	0	0	0	0.5433
1	LGC Pav	2027	Waste	Strip Mall	0	0	0	0.5888		0	0	0	0	0	0	0.2961
1	F3	2027	Energy	General Office Building	515400	486300	0	0		0	0	0	0	0	0	63.684423
1	F3	2027	Energy	Hotel	888000	5.2692e+006	0	0		0	0	0	0	0	0	233.43086
1	F3	2027	Energy	Strip Mall	103900	23500	0	0		0	0	0	0	0	0	10.757534
1	F3	2027	Area	Total	0	0	0	0	7.4200e-003	0.6325	2.0000e-005	1.0000e-005	1.0000e-005	1.0000e-005	1.0000e-005	0.00362
1	F3	2027	Water	General Office Building	0	0	5.33201 / 3.26801	0		0	0	0	0	0	0	11.1748
1	F3	2027	Water	Hotel	0	0	3.80502 / 0.422779	0		0	0	0	0	0	0	7.3248
1	F3	2027	Water	Strip Mall	0	0	0.740725 / 0.453993	0		0	0	0	0	0	0	1.5524
1	F3	2027	Waste	General Office Building	0	0	0	4.464		0	0	0	0	0	0	2.245
1	F3	2027	Waste	Hotel	0	0	0	13.1408		0	0	0	0	0	0	6.6085
1	F3	2027	Waste	Strip Mall	0	0	0	1.68		0	0	0	0	0	0	0.8449
1	D7	2027	Energy	General Office Building	9.449e+006	8.9155e+006	0	0		0	0	0	0	0	0	1167.5483
1	D7	2027	Energy	Strip Mall	353260	79900	0	0		0	0	0	0	0	0	36.575517
1	D7	2027	Area	Total	0	0	0	0	0.0271	2.3084	5.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0111
1	D7	2027	Water	General Office Building	0	0	97.7536 / 59.9135	0		0	0	0	0	0	0	204.8713
1	D7	2027	Water	Strip Mall	0	0	2.51847 / 1.54358	0		0	0	0	0	0	0	5.2782
1	D7	2027	Waste	General Office Building	0	0	0	81.84		0	0	0	0	0	0	41.1575
1	D7	2027	Waste	Strip Mall	0	0	0	5.712		0	0	0	0	0	0	2.8726
1	E1.2	2026	Energy	General Office Building	1.8039e+007	1.70205e+007	0	0		0	0	0	0	0	0	2326.3258
1	E1.2	2026	Energy	Strip Mall	207800	47000	0	0		0	0	0	0	0	0	22.636669
1	E1.2	2026	Energy	User Defined Recreational	519500	117500	0	0		0	0	0	0	0	0	56.591672
1	E1.2	2026	Area	Total	0	0	0	0	0.0519	4.4270	9.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	0.0204
1	E1.2	2026	Water	General Office Building	0	0	186.62 / 114.38	0		0	0	0	0	0	0	398.7295
1	E1.2	2026	Water	Strip Mall	0	0	1.48145 / 0.907986	0		0	0	0	0	0	0	3.1652
1	E1.2	2026	Water	User Defined Recreational	0	0	0 / 0	0		0	0	0	0	0	0	0
1	E1.2	2026	Waste	General Office Building	0	0	0	156.24		0	0	0	0	0	0	78.5733
1	E1.2	2026	Waste	Strip Mall	0	0	0	3.36		0	0	0	0	0	0	1.6898
1	E1.2	2026	Waste	User Defined Recreational	0	0	0	0		0	0	0	0	0	0	0
1	E1.1	2025	Energy	Apartments High Rise	3.50344e+006	7.11045e+006	0	0		0	0	0	0	0	0	576.93375
1	E1.1	2025	Energy	Hotel	296000	1.7564e+006	0	0		0	0	0	0	0	0	81.005786
1	E1.1	2025	Energy	Strip Mall	31170	7050	0	0		0	0	0	0	0	0	3.5637103
1	E1.1	2025	Area	Total	0	0	0	0	0.0456	3.1250	0.0726	0.0350	0.0350	0.0350	0.0350	10.5573
1	E1.1	2025	Water	Apartments High Rise	0	0	55.3809 / 34.9141	0		0	0	0	0	0	0	120.9516
1	E1.1	2025	Water	Hotel	0	0	1.26834 / 0.140927	0		0	0	0	0	0	0	2.521
1	E1.1	2025	Water	Strip Mall	0	0	0.222218 / 0.136198	0		0	0	0	0	0	0	0.4839
1	E1.1	2025	Waste	Apartments High Rise	0	0	0	62.56		0	0	0	0	0	0	31.4615
1	E1.1	2025	Waste	Hotel	0	0	0	4.3808		0	0	0	0	0	0	2.2031
1	E1.1	2025	Waste	Strip Mall	0	0	0	0.504		0	0	0	0	0	0	0.2535
1	E Pav	2026	Energy	Strip Mall	36365	8225	0	0		0	0	0	0	0	0	3.961412
1	E Pav	2026	Area	Strip Mall	0	0	0	0	1.6000e-004	0.0138	0.0000	0.0000	0.0000	0.0000	0.0000	0.00007
1	E Pav	2026	Water	Strip Mall	0	0	0.259254 / 0.158898	0		0	0	0	0	0	0	0.5539
1	E Pav	2026	Waste	Strip Mall	0	0	0	0.5888		0	0	0	0	0	0	0.2961
1	D5	2025	Energy	Strip Mall	233775	52875	0	0		0	0	0	0	0	0	26.728077
1	D5	2025	Area	Strip Mall	0	0	0	0	1.0400e-003	0.0889	0.0000	0.0000	0.0000	0.0000	0.0000	0.00043
1	D5	2025	Water	Strip Mall	0	0	1.66663 / 1.02148	0		0	0	0	0	0	0	3.6289

1	D5	2025	Waste	Strip Mall	0	0	0	3.7808		0	0	0	0	0	0	1.9014
1	40 S Mont	2025	Energy	Strip Mall	121563	27495	0	0		0	0	0	0	0	0	13.89866
1	40 S Mont	2025	Area	Strip Mall	0	0	0	0	5.4000e-004	0.0462	0.0000	0.0000	0.0000	0.0000	0.0000	0.00022
1	40 S Mont	2025	Water	Strip Mall	0	0	0.866649 / 0.531172	0		0	0	0	0	0	0	1.887
1	40 S Mont	2025	Waste	Strip Mall	0	0	0	1.9664		0	0	0	0	0	0	0.9889
1	D6	2025	Energy	Strip Mall	353260	79900	0	0		0	0	0	0	0	0	40.389117
1	D6	2025	Area	Strip Mall	0	0	0	0	1.5800e-003	0.1344	0.0000	0.0000	0.0000	0.0000	0.0000	0.00065
1	D6	2025	Water	Strip Mall	0	0	2.51847 / 1.54358	0		0	0	0	0	0	0	5.4836
1	D6	2025	Waste	Strip Mall	0	0	0	5.712		0	0	0	0	0	0	2.8726
1	374 W Santa Clara	2027	Energy	Strip Mall	187020	42300	0	0		0	0	0	0	0	0	19.363462
1	374 W Santa Clara	2027	Area	Strip Mall	0	0	0	0	8.3000e-004	0.0712	0.0000	0.0000	0.0000	0.0000	0.0000	0.00034
1	374 W Santa Clara	2027	Water	Strip Mall	0	0	1.33331 / 0.817187	0		0	0	0	0	0	0	2.7943
1	374 W Santa Clara	2027	Waste	Strip Mall	0	0	0	3.024		0	0	0	0	0	0	1.5208
1	D8-D13 and Autumn Pav	2027	Energy	Strip Mall	637946	144290	0	0		0	0	0	0	0	0	66.051051
1	D8-D13 and Autumn Pav	2027	Area	Strip Mall	0	0	0	0	2.8500e-003	0.2427	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.00117
1	D8-D13 and Autumn Pav	2027	Water	Strip Mall	0	0	4.54805 / 2.78752	0		0	0	0	0	0	0	9.5318
1	D8-D13 and Autumn Pav	2027	Waste	Strip Mall	0	0	0	10.3152		0	0	0	0	0	0	5.1875
1	H1	2026	Energy	Apartments High Rise	1.77233e+006	3.59705e+006	0	0		0	0	0	0	0	0	282.29402
1	H1	2026	Energy	Strip Mall	67535	15275	0	0		0	0	0	0	0	0	7.3569223
1	H1	2026	Area	Total	0	0	0	0	0.0224	1.5206	0.0367	0.0177	0.0177	0.0177	0.0177	5.3404
1	H1	2026	Water	Apartments High Rise	0	0	28.0162 / 17.6624	0		0	0	0	0	0	0	60.0353
1	H1	2026	Water	Strip Mall	0	0	0.481471 / 0.295095	0		0	0	0	0	0	0	1.0287
1	H1	2026	Waste	Apartments High Rise	0	0	0	31.648		0	0	0	0	0	0	15.9158
1	H1	2026	Waste	Strip Mall	0	0	0	1.0928		0	0	0	0	0	0	0.5496
1	H3	2027	Energy	Apartments High Rise	4.71934e+006	9.57819e+006	0	0		0	0	0	0	0	0	726.21605
1	H3	2027	Energy	Hotel	592000	3.5128e+006	0	0		0	0	0	0	0	0	155.62057
1	H3	2027	Energy	Strip Mall	171435	38775	0	0		0	0	0	0	0	0	17.749857
1	H3	2027	Area	Total	0	0	0	0	0.0632	4.3621	0.0979	0.0471	0.0471	0.0471	0.0471	14.2222
1	H3	2027	Water	Apartments High Rise	0	0	74.6014 / 47.0313	0		0	0	0	0	0	0	156.7941
1	H3	2027	Water	Hotel	0	0	2.53668 / 0.281853	0		0	0	0	0	0	0	4.8832
1	H3	2027	Water	Strip Mall	0	0	1.2222 / 0.749088	0		0	0	0	0	0	0	2.5615
1	H3	2027	Waste	Apartments High Rise	0	0	0	84.272		0	0	0	0	0	0	42.3805
1	H3	2027	Waste	Hotel	0	0	0	8.76		0	0	0	0	0	0	4.4054
1	H3	2027	Waste	Strip Mall	0	0	0	2.7712		0	0	0	0	0	0	1.3936
2a	B1	2029	Energy	General Office Building	9.2772e+006	8.7534e+006	0	0		0	0	0	0	0	0	1046.1681
2a	B1	2029	Energy	Hotel	1.1248e+006	6.67432e+006	0	0		0	0	0	0	0	0	283.53629
2a	B1	2029	Energy	Strip Mall	103900	23500	0	0		0	0	0	0	0	0	9.6358343
2a	B1	2029	Energy	Unrefrigerated Warehouse-No Rail	325500	319920	0	0		0	0	0	0	0	0	37.0632
2a	B1	2029	Area	Total	0	0	0	0	0.0369	3.1424	7.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	0.0159
2a	B1	2029	Water	General Office Building	0	0	95.9762 / 58.8241	0		0	0	0	0	0	0	193.3174
2a	B1	2029	Water	Hotel	0	0	4.81969 / 0.535521	0		0	0	0	0	0	0	8.9763
2a	B1	2029	Water	Strip Mall	0	0	0.740725 / 0.453993	0		0	0	0	0	0	0	1.4920
2a	B1	2029	Water	Unrefrigerated Warehouse-No Rail	0	0	21.5063 / 0	0		0	0	0	0	0	0	39.3311
2a	B1	2029	Waste	General Office Building	0	0	0	80.352		0	0	0	0	0	0	40.4091
2a	B1	2029	Waste	Hotel	0	0	0	16.6432		0	0	0	0	0	0	8.3699
2a	B1	2029	Waste	Strip Mall	0	0	0	1.68		0	0	0	0	0	0	0.8449
2a	B1	2029	Waste	Unrefrigerated Warehouse-No Rail	0	0	0	13.9872		0	0	0	0	0	0	7.0342
2a	A1	2029	Energy	General Office Building	2.08737e+007	1.96951e+007	0	0		0	0	0	0	0	0	2353.8769
2a	A1	2029	Energy	Strip Mall	155850	35250	0	0		0	0	0	0	0	0	14.453752
2a	A1	2029	Area	Total	0	0	0	0	0.0570	4.8618	1.0000e-004	4.0000e-005	4.0000e-005	4.0000e-005	4.0000e-005	0.0234
2a	A1	2029	Water	General Office Building	0	0	215.947 / 132.354	0		0	0	0	0	0	0	434.9641
2a	A1	2029	Water	Strip Mall	0	0	1.11109 / 0.680989	0		0	0	0	0	0	0	2.2380
2a	A1	2029	Waste	General Office Building	0	0	0	180.792		0	0	0	0	0	0	90.9206
2a	A1	2029	Waste	Strip Mall	0	0	0	2.52		0	0	0	0	0	0	1.2673
2a	A1 Pav	2029	Energy	Strip Mall	36365	8225	0	0		0	0	0	0	0	0	3.372512
2a	A1 Pav	2029	Area	Total	0	0	0	0	1.6000e-004	0.0138	0.0000	0.0000	0.0000	0.0000	0.0000	7.0000e-005
2a	A1 Pav	2029	Water	Strip Mall	0	0	0.259254 / 0.158898	0		0	0	0	0	0	0	0.5222
2a	A1 Pav	2029	Waste	Strip Mall	0	0	0	0.5888		0	0	0	0	0	0	0.2961
2a	H4	2029	Energy	Apartments High Rise	2.39058e+006	4.85183e+006	0	0		0	0	0	0	0	0	342.05731
2a	H4	2029	Energy	Strip Mall	171435	38775	0	0		0	0	0	0	0	0	15.899157
2a	H4	2029	Area	Total	0	0	0	0	0.0305	2.0816	0.0496	0.0239	0.0239	0.0239	0.0239	7.2034
2a	H4	2029	Water	Apartments High Rise	0	0	37.7893 / 23.8237	0		0	0	0	0	0	0	76.3165
2a	H4	2029	Water	Strip Mall	0	0	1.2222 / 0.749088	0		0	0	0	0	0	0	2.4618
2a	H4	2029	Waste	Apartments High Rise	0	0	0	42.688		0	0	0	0	0	0	21.4679
2a	H4	2029	Waste	Strip Mall	0	0	0	2.7712		0	0	0	0	0	0	1.3936
2b	D1	2031	Energy	Apartments High Rise	2.06085e+006	4.18262e+006	0	0		0	0	0	0	0	0	272.7228
2b	D1	2031	Energy	Strip Mall	145460	32900	0	0		0	0	0	0	0	0	11.926448
2b	D1	2031	Area	Total	0	0	0	0	0.0263	1.7930	0.0427	0.0206	0.0206	0.0206	0.0206	6.2091
2b	D1	2031	Water	Apartments High Rise	0	0	32.577 / 20.5377	0		0	0	0	0	0	0	63.1224
2b	D1	2031	Water	Strip Mall	0	0	1.03702 / 0.63559	0		0	0	0	0	0	0	2.0045
2b	D1	2031	Waste	Apartments High Rise	0	0	0	36.8		0	0	0	0	0	0	18.5068
2b	D1	2031	Waste	Strip Mall	0	0	0	2.352		0	0	0	0	0	0	1.1828
2b	D4	2031	Energy	General Office Building	1.21978e+007	1.15091e+007	0	0		0	0	0	0	0	0	1244.3893
2b	D4	2031	Energy	Strip Mall	405210	91650	0	0		0	0	0	0	0	0	33.223734
2b	D4	2031	Area	Total	0	0	0	0	0.0347	2.9606	6.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0143
2b	D4	2031	Water	General Office Building	0	0	126.191 / 77.3428	0		0	0	0	0	0	0	243.9261
2b	D4	2031	Water	Strip Mall	0	0	2.88883 / 1.77057	0		0	0	0	0	0	0	5.5841
2b	D4	2031	Waste	General Office Building	0	0	0	105.648		0	0	0	0	0	0	53.1305
2b	D4	2031	Waste	Strip Mall	0	0	0	6.552		0	0	0	0	0	0	3.2950
2b	H2	2030	Energy	Apartments High Rise	1.36016e+006	2.76053e+006	0	0		0	0	0	0	0	0	187.27714
2b	H2	2030	Energy	Strip Mall	93510	21150	0	0		0	0	0	0	0	0	8.1675309
2b	H2	2030	Area	Total	0	0	0	0	0.0174	1.1824	0.0282	0.0136	0.0136	0.0136	0.0136	4.0980
2b	H2	2030	Water	Apartments High Rise	0	0	21.5008 / 13.5549	0		0	0	0	0	0	0	42.5374
2b	H2	2030	Water	Strip Mall	0	0	0.666653 / 0.408594	0		0	0	0	0	0	0	1.3156
2b	H2	2030	Waste	Apartments High Rise	0	0	0	24.288		0	0	0	0	0	0	12.2145
2b	H2	2030	Waste	Strip Mall	0	0	0	1.512		0	0	0	0	0	0	0.7604
3	C2	2031	Energy	General Office Building	1.14247e+007	1.07796e+007	0	0		0	0	0	0	0	0	1165.5181
3	C2	2031	Energy	Strip Mall	155850	35250	0	0		0	0	0	0	0	0	12.778352
3	C2	2031	Area	Total	0	0	0	0	0.0315	2.6878	6.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0129
3	C2	2031	Water	General Office Building	0	0	118.193 / 72.4408	0		0	0	0	0	0	0	228.4660
3	C2	2031	Water	Strip Mall	0	0	1.11109 / 0.680989	0		0	0	0	0	0	0	2.1477
3	C2	2031	Waste	General Office Building	0	0	0	98.952		0	0	0	0	0	0	49.7631
3	C2	2031	Waste	Strip Mall	0	0	0	2.52		0	0	0	0	0	0	1.2673
3	C3	2031	Energy	Apartments High Rise	700687	1.42209e+006	0	0		0	0	0	0	0	0	92.725769
3	C3	2031	Energy	Hotel	473600	2.81024e+006	0	0		0	0	0	0	0	0	114.29246
3	C3	2031	Energy	Strip Mall	20780	4700	0	0		0	0	0	0	0	0	1.7038069
3	C3	2031	Area	Total	0	0	0	0	0.0118	0.8517	0.0145	7.0000e-003	7.0000e-003	7.0000e-003	7.0000e-003	2.1126
3	C3	2031	Water	Apartments High Rise	0	0	11.0762 / 6.98281	0		0	0	0	0	0	0	21.4616
3	C3	2031	Water	Hotel	0	0	2.02934 / 0.225482	0		0	0	0	0	0	0	3.6530
3	C3	2031	Water	Strip Mall	0	0	0.148145 / 0.0907986	0		0	0	0	0	0	0	0.2864
3	C3	2031	Waste	Apartments High Rise	0	0	0	12.512		0	0	0	0	0	0	6.2923
3	C3	2031	Waste	Hotel	0	0	0	7.008		0	0	0	0	0	0	3.5243
3	C3	2031	Waste	Strip Mall	0	0	0	0.336		0	0	0	0	0	0	0.1690
3	C1 and St John Pav	2032	Energy	Apartments High Rise	4.90481e+006	9.95462e+006	0	0		0	0	0	0	0	0	623.0498
3	C1 and St John Pav	2032	Energy	Hotel	1.776e+006	1.05384e+007	0	0		0	0	0	0	0	0	419.17141
3	C1 and St John Pav	2032	Energy	Strip Mall	64418	14570	0	0		0	0	0	0	0	0	4.9398413
3	C1 and St John Pav	2032	Area	Total	0	0	0	0	0.0725	5.1088	0.1016	0.0490	0.0490	0.0490	0.0490	14.7829
3	C1 and St John Pav	2032	Water	Apartments High Rise	0	0	77.5333 / 48.8797	0		0	0	0	0	0	0	147.0968
3	C1 and St John Pav	2032	Water	Hotel	0	0	7.61003 / 0.845559	0		0	0	0	0	0	0	13.4644
3	C1 and St John Pav	2032	Water	Strip Mall	0	0	0.45925 / 0.281476	0		0	0	0	0	0	0	0.8693
3	C1 and St John Pav	2032	Waste	Apartments High Rise	0	0	0	87.584		0	0	0	0	0	0	44.0461
3	C1 and St John Pav	2032	Waste	Hotel	0	0	0	26.28		0	0	0	0	0	0	13.2163
3	C1 and St John Pav	2032	Waste	Strip Mall	0	0	0	1.0416		0	0	0	0	0	0	0.5238

	Kwh/yr	Mgal	Tons	ROG	NOX	PM10 EXH	PM10 TOT	PM2.5 EXH	PM2.5 TOT	CO2e	CO2e
	N/A	N/A	N/A	12565	9878	N/A	N/A	N/A	N/A	N/A	
	K									BF	K
Energy	11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	58	11
				N	Y	CC	CO	DP	EC	GY	
Area	N/A	N/A	N/A	14	25	81	93	120	133	207	
		L								BH	
Water	N/A	12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	60	
			L							BH	
Waste	N/A	N/A	12	N/A	N/A	N/A	N/A	N/A	N/A	60	

Conversions

MWh/kWh	lb CO2e/MT	MT CO2e/lb CO2e
0.001	210	0.000453593

MITIGATED ROG reported

Row Labels	Sum of Value_Kwh/yr	Sum of Value_kBTU/yr	Sum of Value_Mgal (Indoor Use)	Sum of Value_Mgal (Outdoor Use)	Sum of Value_Mgal (Total)	Sum of Value_Tons	Sum of Value_ROG	Sum of Value_NOX	Sum of Value_PM10 E	Sum of Value_PM10 TOT	Sum of Value_PM2.5	Sum of Value_PM2.5	Sum of Value_CO2e
1	92638402	114418550	1017.599174	601.101576	1618.70075	980.0288	31.4388	0.2679	0.12895	0.12895	0.12895	0.12895	15235.07198
2a	34459330	40400320	379.371759	217.580289	596.952048	342.0224	10.0996	0.04977	0.02397	0.02397	0.02397	0.02397	5044.928839
2b	16262990	18597950	184.861303	114.250154	299.111457	177.152	5.936	0.07096	0.03422	0.03422	0.03422	0.03422	2215.608471
3	19520845	35559470	218.160355	130.4276146	348.5879696	236.2336	8.6483	0.11616	0.05602	0.05602	0.05602	0.05602	2987.335382
Grand Total	**162881567**	**208976290**	**1799.992591**	**1063.359634**	**2863.352225**	**1735.4368**	**56.1227**	**0.50479**	**0.24316**	**0.24316**	**0.24316**	**0.24316**	**25482.94467**
Converted to MWh:	162881.567	61244.93426											
		224126.5013											

Row Labels	Sum of Value_Kwh/yr	Sum of Value_kBTU/yr	Sum of Value_Mgal (Indoor Use)	Sum of Value_Mgal (Outdoor Use)	Sum of Value_Mgal (Total)	Sum of Value_Tons	Sum of Value_ROG	Sum of Value_NOX	Sum of Value_PM10 E	Sum of Value_PM10 TOT	Sum of Value_PM2.5	Sum of Value_PM2.5	Sum of Value_CO2e
2025	4843708	9333450	82.041907	38.287457	120.329364	91.9888	3.7384	0.07261	0.035	0.035	0.035	0.035	1014.687162
2026	54731068	62084500	581.834848	347.890037	929.724885	537.024	16.5044	0.09724	0.04679	0.04679	0.04679	0.04679	8873.947012
2027	33063626	43000600	353.722419	214.924082	568.646501	351.016	11.196	0.09805	0.04716	0.04716	0.04716	0.04716	5346.437808
2029	34459330	40400320	379.371759	217.580289	596.952048	342.0224	10.0996	0.04977	0.02397	0.02397	0.02397	0.02397	5044.928839
2030	1453670	2781680	22.167453	13.963494	36.130947	25.8	1.1824	0.0282	0.0136	0.0136	0.0136	0.0136	256.3705659
2031	27584937	30868150	295.251625	180.7075396	475.9591646	272.68	8.2931	0.05732	0.02764	0.02764	0.02764	0.02764	3865.412628
2032	6745228	20507590	85.60258	50.006735	135.609315	114.9056	5.1088	0.1016	0.049	0.049	0.049	0.049	1281.160659
Grand Total	**162881567**	**208976290**	**1799.992591**	**1063.359634**	**2863.352225**	**1735.4368**	**56.1227**	**0.50479**	**0.24316**	**0.24316**	**0.24316**	**0.24316**	**25482.94467**

Row Labels	Sum of Value_ROG_An	Sum of Value_ROG	ROG Correction to unmitigated
1	0.4017	31.4388	35.0541
2a	0.12456	10.0996	11.22064
2b	0.0784	5.936	6.6416
3	0.1158	8.6483	9.6905
Grand Total	**0.72046**	**56.1227**	62.60684

THIS TABLE IS LINKED - DO NOT INSERT ROWS/COLUMNS

SUMMARY FOR CAP SUMMARY SHEET

Phase	Year	Electricity - Buildings	Electricity - Water	Water - fugitive	Area	Waste	Kitchens	Total
1	2028	11,579	256	507	39	493	21	**12,895**
1	2029	14,898	330	418	39	493	21	**16,199**
1+2a	2030	14,151	314	691	46	665	27	**15,894**
1+2a	2031	15,990	355	630	46	665	27	**17,713**
1+2a+2b+3	2032	15,760	347	897	73	873	40	**17,991**

Land Use: Strip Mall

Row Labels	Sum of Value_ROG	Strip Mall ROG w/o restaurant	Restaurant	Remaining Strip Mall ROG w/ restaurant	ROG Difference to add back to Subblock total
1	0.6948	0.60216	4.55E-03	6.07E-01	-8.81E-02
2a	0	0	6.50E-04	0.000649755	0.000649755
2b	0	0	6.50E-04	0.000649755	0.000649755
3	0	0	6.50E-04	0.000649755	0.000649755
Grand Total	**0.6948**	**0.60216**	**0.006497549**	**0.608657549**	**-0.086142451**

Land Use: Strip Mall

Row Labels	Sum of Value_NOX	Strip Mall NOx w/o restaurant	Restaurant	Remaining Strip Mall NOx w/ restaurant	NOx Difference to add back to Subblock total
1	0.00001	8.66667E-06	4.13E-02	4.14E-02	0.041346706
2a	0	0	5.91E-03	0.005906863	0.005906863
2b	0	0	5.91E-03	0.005906863	0.005906863
3	0	0	5.91E-03	0.005906863	0.005906863
Grand Total	**0.00001**	**8.66667E-06**	**0.059068627**	**0.059077294**	**0.059067294**

Land Use: Strip Mall

Row Labels	Sum of Value_PM10 TO	Strip Mall PM10 w/o restaurant	Restaurant	Remaining Strip Mall PM10 w/ restaurant	PM10 Difference to add back to Subblock total
1	0	0	6.28E-03	6.28E-03	0.006284902
2a	0	0	8.98E-04	0.000897843	0.000897843
2b	0	0	8.98E-04	0.000897843	0.000897843
3	0	0	8.98E-04	0.000897843	0.000897843
Grand Total	**0**	**0**	**0.008978431**	**0.008978431**	**0.008978431**

Land Use: Strip Mall

Row Labels	Sum of Value_PM2.5 T	Strip Mall PM2.5 w/o restaurant	Restaurant	Remaining Strip Mall PM2.5 w/ restaurant	PM2.5 Difference to add back to Subblock total
1	0	0	6.28E-03	6.28E-03	0.006284902
2a	0	0	8.98E-04	0.000897843	0.000897843
2b	0	0	8.98E-04	0.000897843	0.000897843
3	0	0	8.98E-04	0.000897843	0.000897843
Grand Total	**0**	**0**	**0.008978431**	**0.008978431**	**0.008978431**

Land Use: Strip Mall

Row Labels	Sum of Value_CO2e	Strip Mall CO2e w/o restaurant	Restaurant	Remaining Strip Mall CO2e w/ restaurant	CO2e Difference to add back to Subblock total
1	515.3362206	446.6247245	89.7607151	536.3854396	21.04921902
2a	53.87715452	46.69353392	12.8229593	59.51649322	5.639338697
2b	67.4601129	58.46543118	12.8229593	71.28839048	3.82827758
3	24.68549967	21.39409971	12.8229593	34.21705901	9.531559345
Grand Total	**661.3589877**	**573.1777893**	**128.229593**	**701.4073823**	**40.04839464**

	SF	% of active space total
Strip Mall	500000	
Restaurants	66,667	13%

Restaurant SF percentages by kitchen space

	SF	Percent	ROG	NOx	PM10	PM2.5	MTCO2e
Phase 1	14000	70%	4.55E-03	4.13E-02	6.28E-03	6.28E-03	89.7607
Phase 2a	2000	10%	6.50E-04	5.91E-03	8.98E-04	8.98E-04	12.8230
Phase 2b	2000	10%	6.50E-04	5.91E-03	8.98E-04	8.98E-04	12.8230
Phase 3	2000	10%	6.50E-04	5.91E-03	8.98E-04	8.98E-04	12.8230
Total	20000	100%	6.50E-03	5.91E-02	8.98E-03	8.98E-03	128

Row Labels	Sum of Value_Kwh/yr	Sum of Value_kBTU/yr	Total MWh
1	**92,638,402**	**114,418,550**	**126,171**
Apartments High Rise	12.900.900	26.183.180	20.574
General Office Building	71,640,600	67,595,700	91.451
Hotel	3,137,600	18,617,840	8,594
Strip Mall	3,837,302	1,315,550	4,223
Unrefrigerated Warehouse-No Ra	479,500	471,280	618
User Defined Recreational	642,500	235,000	711
2a	**34,459,330**	**40,400,320**	**46,300**
Apartments High Rise	2,390,580	4,851,830	3,813
General Office Building	30.150.900	28.448.500	38.488
Hotel	1.124.800	6.674.320	3.081
Strip Mall	467,550	105,750	499
Unrefrigerated Warehouse-No Ra	325,500	319,920	419
2b	**16,262,990**	**18,597,950**	**21,714**
Apartments High Rise	3,421,010	6,943,150	5,456

Operations Phase: Area

Row Labels	Sum of Value_CO2e
1	38.97134
3	16.9084
2a	7.24277
2b	10.3214
Grand Total	**73.44391**

Operations Phase: Waste

Row Labels	Sum of Value_CO2e
1	492.8582
3	118.8022
2a	172.0036
2b	89.09
Grand Total	**872.754**

Scalar for Water- due to the overly conservative nature of the CalEEMod defaults, the water consumption and associated emissions were scaled down to match the San Jose WSA annual project demand of 1,048 MG/year

Annual Project Demand (CalEEMod)	2,863,352.225
Annual Project Demand (Sherwood)	1,048,390,000
Scalar factor for water quantity	0.366

Operations Phase: Water

Row Labels	Sum of Value_CO2e
1	2154.7974
3	417.4452
2a	759.6194
2b	358.4901
Grand Total	**3690.3521**

CalEEMod Water Energy Only

Year	MTCO2e
2025	23
2026	187
2027	282
2028	282
2029	371
2030	376
2031	437
2032	454

Row Labels	Sum of Value_CO2e	Sum of Value_Tons
Apartments High Rise	4571.233264	434.24
General Office Building	18132.28612	1086.24
Hotel	1753.031284	96.3616
Strip Mall	661.3589877	84.0032
Total	73.44055	0
Unrefrigerated Warehouse-No Rail	219.1002199	34.592
User Defined Recreational	72.49424339	0
Grand Total	**25482.94467**	**1735.4368**

	General Office Building	12,197,800	11,509,100	15,571
	Strip Mall	644,180	145,700	687
3		**19,520,845**	**35,559,470**	**29,942**
	Apartments High Rise	5,605,497	11,376,710	8,940
	General Office Building	11,424,700	10,779,600	14,584
	Hotel	2,249,600	13,348,640	6,162
	Strip Mall	241,048	54,520	257
Grand Total		**162,881,567**	**208,976,290**	**224,127**

Downtown West San Jose
Air Quality Assessment
Delivery Truck AQ Emissions

pounds per gram	0.002
pounds per ton	2000
metric tons per ton	0.907

Delivery Truck Refrigeration Unit -TRU-Exhaust

Equipment	Number of Trucks with TRUs[1]	Hours/Day[1]	Days/year[1]	Idle Time (min/day)	Units	Criteria Pollutants [2]				Greenhouse Gases [1]
						VOC	NO_X	PM10	PM2.5	CO_2e
Delivery Truck-TRU	30	2	365	10	Emission Factors (g/s)	0.0009	0.0091	0.0004	0.0003	0.18
					g/truck/day	6.74	65.43	2.56	2.36	1315.50
					g/day	202.27	1962.96	76.92	70.76	39464.94
					lbs/day	**0.45**	**4.33**	**0.17**	**0.16**	**87.00**
					lbs/yr	162.77	1579.57	61.89	56.94	31756.40
					tons/yr	0.08	0.79	0.03	0.03	15.88
					lb/hr	0.01	0.07	0.00	0.00	

Delivery Truck- using 2028 Vendor Vehicle Type IDLING

Equipment	Number of Trucks with TRUs[1]	Hours/Day[2]	Days/year[2]	Idle Time (min/day)	Units	Criteria Pollutants [2]				Greenhouse Gases [1]
						VOC	NO_X	PM10	PM2.5	CO_2e
Delivery Truck	30	2	365	10	Emission Factors (g/min)	0.09	1.19	5.28E-04	5.05E-04	230.22
					g/truck/day	0.93	11.90	5.28E-03	5.05E-03	2302.19
					g/day	28.05	356.95	0.16	0.15	69065.61
					lbs/day	**0.06**	**0.79**	**3.49E-04**	**3.34E-04**	**152.26**
					lbs/yr	22.57	287.23	0.13	0.12	55576.26
					tons/yr	1.13E-02	0.14	6.37E-05	6.10E-05	27.79
					lb/hr	0.01	0.16	6.99E-05	6.68E-05	

		Criteria Pollutants [2]				Greenhouse Gases [1]
	Units	VOC	NO_X	PM10	PM2.5	CO_2e
Delivery Trucks TRU and Idling Emissions - Total	**lbs/day**	**0.51**	**5.11**	**0.17**	**0.16**	**239.27**
	tons/year	**0.09**	**0.93**	**0.03**	**0.03**	**43.67**

		Mitigated Criteria Pollutants [2]				Mitigated Greenhouse Gases [1]
	Units	VOC	NO_X	PM10	PM2.5	CO_2e
MITIGATED Delivery Trucks TRU and Idling Emissions - Total [5]	**lbs/day**	**0.38**	**3.84**	**0.13**	**0.12**	**179.45**
25.0% Percent Electric	**tons/year**	**0.07**	**0.70**	**0.02**	**0.02**	**32.75**

Notes 1. Assumes in-state truck TRU idling emission factors as a delivery truck emission factor, 30 delivery trucks a day, 365 days a year. Per Table 7 of the Draft Update, truck TRU activity is approximately ~44% of California TRU (truck + trailer) activity. Therefore, there are approximately 17,640 California-based truck TRU (44% of 39,936 CA-based TRU per Table 2 of the Draft Update) out of a total 4.9 billion SF of commercial space statewide. Proportionally, this would result in ~30 TRUs for the 8.6 million SF of project area (not counting residential or infrastructure SF). Source: CARB. *Draft Update to Inventory for Transport Refrigeration Units.* Available at: https://ww3.arb.ca.gov/cc/cold-storage/documents/hra_emissioninventory2019.pdf; California Energy Commission. *California Commercial End-Use Survey.* March 2006. Available at: https://ww2.energy.ca.gov/2006publications/CEC-400-2006-005/CEC-400-2006-005.PDF

2. Assumes 10 minutes of truck idling total per delivery trip. Each truck assumes one delivery trip to Project Site per day. The one hour of unloading and loading is per San Jose Municipal Code 11.52.330(b) and is assumed to be part of the 2 hours/day for TRU operation.

3. Delivery truck running exhaust emissions and non-travel emissions accounted for separately in Project mobile emissions calculations spreadsheets

4. Assume all TRUs in use (fully operational by 2028)

5. The mitigated TRU scenario assumes a Truck TRU plug-in electric market penetration of 15%. The 2019 Draft Update assumes that all truck TRU fleets must turnover at least 15 percent each year starting in 2025 and be full zero-emission by 2031. Conservatively, only 15 percent is assumed as this concept is not adopted yet. Source: CARB. Draft Update to Inventory for Transport Refrigeration Units. Available at: https://ww3.arb.ca.gov/cc/cold-storage/documents/hra_emissioninventory2019.pdf

Block F5 - Santa Clara County, Annual

Block F5

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	87.00	1000sqft	0.89	87,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	235.8	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2025 completion year, RPS calculated carbon intensity

Land Use - 0.89 acres

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10

tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	0.32	0.29
tblEnergyUse	T24NG	3.40	3.37
tblLandUse	LotAcreage	2.00	0.89
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	235.8
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.3439	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5500e-003	1.5500e-003	0.0000	0.0000	1.6600e-003
Energy	1.6100e-003	0.0147	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	48.5392	48.5392	5.0000e-003	9.8000e-004	48.9573
Mobile	0.0301	0.1221	0.3844	1.5300e-003	0.1587	1.1800e-003	0.1598	0.0425	1.1000e-003	0.0436	0.0000	140.3156	140.3156	4.1300e-003	0.0000	140.4189
Waste						0.0000	0.0000		0.0000	0.0000	16.6006	0.0000	16.6006	0.9811	0.0000	41.1273
Water						0.0000	0.0000		0.0000	0.0000	6.3828	11.6436	18.0264	0.6573	0.0157	39.1440
Total	**0.3756**	**0.1368**	**0.3975**	**1.6200e-003**	**0.1587**	**2.2900e-003**	**0.1610**	**0.0425**	**2.2100e-003**	**0.0447**	**22.9834**	**200.4999**	**223.4833**	**1.6475**	**0.0167**	**269.6492**

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	0.3439	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5500e-003	1.5500e-003	0.0000	0.0000	1.6600e-003
Energy	1.6100e-003	0.0147	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	48.5392	48.5392	5.0000e-003	9.8000e-004	48.9573
Mobile	0.0301	0.1221	0.3844	1.5300e-003	0.1587	1.1800e-003	0.1598	0.0425	1.1000e-003	0.0436	0.0000	140.3156	140.3156	4.1300e-003	0.0000	140.4189
Waste						0.0000	0.0000		0.0000	0.0000	2.6561	0.0000	2.6561	0.1570	0.0000	6.5804
Water						0.0000	0.0000		0.0000	0.0000	6.3828	11.6436	18.0264	0.6573	0.0157	39.1440
Total	**0.3756**	**0.1368**	**0.3975**	**1.6200e-003**	**0.1587**	**2.2900e-003**	**0.1610**	**0.0425**	**2.2100e-003**	**0.0447**	**9.0389**	**200.4999**	**209.5388**	**0.8234**	**0.0167**	**235.1022**

	ROG	NOx	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**	**60.67**	**0.00**	**6.24**	**50.02**	**0.00**	**12.81**

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	32.5684	32.5684	4.7000e-003	6.9000e-004	32.8916
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	32.5684	32.5684	4.7000e-003	6.9000e-004	32.8916
NaturalGas Mitigated	1.6100e-003	0.0147	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	15.9707	15.9707	3.1000e-004	2.9000e-004	16.0656
NaturalGas Unmitigated	1.6100e-003	0.0147	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	15.9707	15.9707	3.1000e-004	2.9000e-004	16.0656

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					
Unrefrigerated Warehouse-No Rail	299280	1.6100e-003	0.0147	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	15.9707	15.9707	3.1000e-004	2.9000e-004	16.0656
Total		**1.6100e-003**	**0.0147**	**0.0123**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**15.9707**	**15.9707**	**3.1000e-004**	**2.9000e-004**	**16.0656**

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					
Unrefrigerated Warehouse-No Rail	299280	1.6100e-003	0.0147	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	15.9707	15.9707	3.1000e-004	2.9000e-004	16.0656
Total		**1.6100e-003**	**0.0147**	**0.0123**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**15.9707**	**15.9707**	**3.1000e-004**	**2.9000e-004**	**16.0656**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No Rail	304500	32.5684	4.7000e-003	6.9000e-004	32.8916
Total		**32.5684**	**4.7000e-003**	**6.9000e-004**	**32.8916**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No Rail	304500	32.5684	4.7000e-003	6.9000e-004	32.8916
Total		**32.5684**	**4.7000e-003**	**6.9000e-004**	**32.8916**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3439	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5500e-003	1.5500e-003	0.0000	0.0000	1.6600e-003
Unmitigated	0.3439	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5500e-003	1.5500e-003	0.0000	0.0000	1.6600e-003

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	4.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3398					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.0000e-005	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5500e-003	1.5500e-003	0.0000	0.0000	1.6600e-003
Total	**0.3439**	**1.0000e-005**	**8.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.5500e-003**	**1.5500e-003**	**0.0000**	**0.0000**	**1.6600e-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	4.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3398					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.0000e-005	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5500e-003	1.5500e-003	0.0000	0.0000	1.6600e-003
Total	**0.3439**	**1.0000e-005**	**8.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.5500e-003**	**1.5500e-003**	**0.0000**	**0.0000**	**1.6600e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	18.0264	0.6573	0.0157	39.1440
Unmitigated	18.0264	0.6573	0.0157	39.1440

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Unrefrigerated Warehouse-No Rail	20.1187 / 0	18.0264	0.6573	0.0157	39.1440
Total		**18.0264**	**0.6573**	**0.0157**	**39.1440**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unrefrigerated Warehouse-No Rail	20.1187 / 0	18.0264	0.6573	0.0157	39.1440
Total		**18.0264**	**0.6573**	**0.0157**	**39.1440**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.6561	0.1570	0.0000	6.5804

Unmitigated	16.6006	0.9811	0.0000	41.1273

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No Rail	81.78	16.6006	0.9811	0.0000	41.1273
Total		**16.6006**	**0.9811**	**0.0000**	**41.1273**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No Rail	13.0848	2.6561	0.1570	0.0000	6.5804
Total		**2.6561**	**0.1570**	**0.0000**	**6.5804**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block F1-F2 - Santa Clara County, Annual

Block F1-F2

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,650.00	1000sqft	1.00	1,650,000.00	0
Unrefrigerated Warehouse-No Rail	50.00	1000sqft	1.00	50,000.00	0
Hotel	80.00	Room	1.00	64,000.00	0
User Defined Recreational	0.00	User Defined Unit	0.00	50,000.00	0
Strip Mall	67.00	1000sqft	0.40	67,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	223.9	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2026 completion year, RPS calculated carbon intensity

Land Use - 3.4 acres

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	6.11	5.46
tblEnergyUse	T24E	2.05	1.83
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24E	0.32	0.29
tblEnergyUse	T24E	0.00	2.46
tblEnergyUse	T24NG	16.31	16.15
tblEnergyUse	T24NG	39.56	39.16
tblEnergyUse	T24NG	2.37	2.35
tblEnergyUse	T24NG	3.40	3.37
tblEnergyUse	T24NG	0.00	2.35
tblLandUse	LandUseSquareFeet	116,160.00	64,000.00
tblLandUse	LandUseSquareFeet	0.00	50,000.00
tblLandUse	LotAcreage	37.88	1.00
tblLandUse	LotAcreage	1.15	1.00
tblLandUse	LotAcreage	2.67	1.00
tblLandUse	LotAcreage	1.54	0.40
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	223.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	7.4350	1.5000e-004	0.0169	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0330	0.0330	9.0000e-005	0.0000	0.0352
Energy	0.1618	1.4708	1.2355	8.8200e-003		0.1118	0.1118		0.1118	0.1118	0.0000	4,629.0752	4,629.0752	0.4905	0.0970	4,670.2354
Mobile	3.0690	12.2456	35.0682	0.1369	14.3773	0.1073	14.4845	3.8480	0.0997	3.9477	0.0000	12,566.6014	12,566.6014	0.3812	0.0000	12,576.1320
Waste						0.0000	0.0000		0.0000	0.0000	344.2016	0.0000	344.2016	20.3417	0.0000	852.7450
Water						0.0000	0.0000		0.0000	0.0000	98.9246	236.4057	335.3304	10.1964	0.2452	663.3075
Total	**10.6657**	**13.7165**	**36.3206**	**0.1457**	**14.3773**	**0.2191**	**14.5964**	**3.8480**	**0.2116**	**4.0595**	**443.1263**	**17,432.1154**	**17,875.2416**	**31.4099**	**0.3422**	**18,762.4549**

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	7.4350	1.5000e-004	0.0169	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0330	0.0330	9.0000e-005	0.0000	0.0352
Energy	0.1618	1.4708	1.2355	8.8200e-003		0.1118	0.1118		0.1118	0.1118	0.0000	4,629.0752	4,629.0752	0.4905	0.0970	4,670.2354
Mobile	3.0690	12.2456	35.0682	0.1369	14.3773	0.1073	14.4845	3.8480	0.0997	3.9477	0.0000	12,566.6014	12,566.6014	0.3812	0.0000	12,576.1320
Waste						0.0000	0.0000		0.0000	0.0000	55.0723	0.0000	55.0723	3.2547	0.0000	136.4392
Water						0.0000	0.0000		0.0000	0.0000	98.9246	236.4057	335.3304	10.1964	0.2452	663.3075

Total	**10.6657**	**13.7165**	**36.3206**	**0.1457**	**14.3773**	**0.2191**	**14.5964**	**3.8480**	**0.2116**	**4.0595**	**153.9969**	**17,432.1154**	**17,586.1123**	**14.3229**	**0.3422**	**18,046.1491**

	ROG	**NOx**	**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**	**65.25**	**0.00**	**1.62**	**54.40**	**0.00**	**3.82**

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	3,027.9641	3,027.9641	0.4598	0.0676	3,059.6096
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,027.9641	3,027.9641	0.4598	0.0676	3,059.6096
NaturalGas Mitigated	0.1618	1.4708	1.2355	8.8200e-003		0.1118	0.1118		0.1118	0.1118	0.0000	1,601.1112	1,601.1112	0.0307	0.0294	1,610.6258
NaturalGas Unmitigated	0.1618	1.4708	1.2355	8.8200e-003		0.1118	0.1118		0.1118	0.1118	0.0000	1,601.1112	1,601.1112	0.0307	0.0294	1,610.6258

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 Office Building	2.67465e+007	0.1442	1.3111	1.1013	7.8700e-003		0.0996	0.0996		0.0996	0.0996	0.0000	1,427.2951	1,427.2951	0.0274	0.0262	1,435.7768
Hotel	2.81024e+006	0.0152	0.1378	0.1157	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	149.9651	149.9651	2.8700e-003	2.7500e-003	150.8563
Strip Mall	157450	8.5000e-004	7.7200e-003	6.4800e-003	5.0000e-005		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	8.4021	8.4021	1.6000e-004	1.5000e-004	8.4521
Unrefrigerated Warehouse-No Rail	172000	9.3000e-004	8.4300e-003	7.0800e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1786	9.1786	1.8000e-004	1.7000e-004	9.2331
User Defined Recreational	117500	6.3000e-004	5.7600e-003	4.8400e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.2703	6.2703	1.2000e-004	1.1000e-004	6.3075
Total		**0.1618**	**1.4708**	**1.2355**	**8.8300e-003**		**0.1118**	**0.1118**		**0.1118**	**0.1118**	**0.0000**	**1,601.1112**	**1,601.1112**	**0.0307**	**0.0294**	**1,610.6258**

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					
General Office Building	2.67465e+007	0.1442	1.3111	1.1013	7.8700e-003		0.0996	0.0996		0.0996	0.0996	0.0000	1,427.2951	1,427.2951	0.0274	0.0262	1,435.7768
Hotel	2.81024e+006	0.0152	0.1378	0.1157	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	149.9651	149.9651	2.8700e-003	2.7500e-003	150.8563
Strip Mall	157450	8.5000e-004	7.7200e-003	6.4800e-003	5.0000e-005		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	8.4021	8.4021	1.6000e-004	1.5000e-004	8.4521
Unrefrigerated Warehouse-No Rail	172000	9.3000e-004	8.4300e-003	7.0800e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1786	9.1786	1.8000e-004	1.7000e-004	9.2331
User Defined Recreational	117500	6.3000e-004	5.7600e-003	4.8400e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.2703	6.2703	1.2000e-004	1.1000e-004	6.3075
Total		**0.1618**	**1.4708**	**1.2355**	**8.8300e-003**		**0.1118**	**0.1118**		**0.1118**	**0.1118**	**0.0000**	**1,601.1112**	**1,601.1112**	**0.0307**	**0.0294**	**1,610.6258**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	2.8347e+007	2,878.9024	0.4372	0.0643	2,908.9901
Hotel	473600	48.0985	7.3000e-003	1.0700e-003	48.6012
Strip Mall	696130	70.6985	0.0107	1.5800e-003	71.4374
Unrefrigerated Warehouse-No Rail	175000	17.7729	2.7000e-003	4.0000e-004	17.9586
User Defined Recreational	123000	12.4918	1.9000e-003	2.8000e-004	12.6224
Total		**3,027.9641**	**0.4598**	**0.0676**	**3,059.6096**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	2.8347e+007	2,878.9024	0.4372	0.0643	2,908.9901
Hotel	473600	48.0985	7.3000e-003	1.0700e-003	48.6012
Strip Mall	696130	70.6985	0.0107	1.5800e-003	71.4374
Unrefrigerated Warehouse-No Rail	175000	17.7729	2.7000e-003	4.0000e-004	17.9586
User Defined Recreational	123000	12.4918	1.9000e-003	2.8000e-004	12.6224
Total		**3,027.9641**	**0.4598**	**0.0676**	**3,059.6096**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.4350	1.5000e-004	0.0169	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0330	0.0330	9.0000e-005	0.0000	0.0352
Unmitigated	7.4350	1.5000e-004	0.0169	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0330	0.0330	9.0000e-005	0.0000	0.0352

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	0.0872					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.3463					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5600e-003	1.5000e-004	0.0169	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0330	0.0330	9.0000e-005	0.0000	0.0352
Total	**7.4350**	**1.5000e-004**	**0.0169**	**0.0000**		**6.0000e-005**	**6.0000e-005**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0330**	**0.0330**	**9.0000e-005**	**0.0000**	**0.0352**

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	0.0872					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.3463					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5600e-003	1.5000e-004	0.0169	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0330	0.0330	9.0000e-005	0.0000	0.0352
Total	**7.4350**	**1.5000e-004**	**0.0169**	**0.0000**		**6.0000e-005**	**6.0000e-005**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0330**	**0.0330**	**9.0000e-005**	**0.0000**	**0.0352**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	335.3304	10.1964	0.2452	663.3075
Unmitigated	335.3304	10.1964	0.2452	663.3075

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	293.261 / 179.74	318.0860	9.5901	0.2307	626.5749
Hotel	2.02934 / 0.225482	1.8392	0.0663	1.5900e-003	3.9701
Strip Mall	4.96286 / 3.04175	5.3830	0.1623	3.9000e-003	10.6036
Unrefrigerated Warehouse-No Rail	11.5625 / 0	10.0223	0.3777	9.0400e-003	22.1589
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**335.3304**	**10.1964**	**0.2452**	**663.3075**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	293.261 / 179.74	318.0860	9.5901	0.2307	626.5749
Hotel	2.02934 / 0.225482	1.8392	0.0663	1.5900e-003	3.9701
Strip Mall	4.96286 / 3.04175	5.3830	0.1623	3.9000e-003	10.6036
Unrefrigerated Warehouse-No Rail	11.5625 / 0	10.0223	0.3777	9.0400e-003	22.1589
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**335.3304**	**10.1964**	**0.2452**	**663.3075**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	55.0723	3.2547	0.0000	136.4392
Unmitigated	344.2016	20.3417	0.0000	852.7450

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	1534.5	311.4896	18.4085	0.0000	771.7024
Hotel	43.8	8.8910	0.5254	0.0000	22.0271
Strip Mall	70.35	14.2804	0.8440	0.0000	35.3791
Unrefrigerated Warehouse-No Rail	47	9.5406	0.5638	0.0000	23.6364
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**344.2016**	**20.3417**	**0.0000**	**852.7450**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	245.52	49.8383	2.9454	0.0000	123.4724
Hotel	7.008	1.4226	0.0841	0.0000	3.5243
Strip Mall	11.256	2.2849	0.1350	0.0000	5.6607
Unrefrigerated Warehouse-No Rail	7.52	1.5265	0.0902	0.0000	3.7818
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**55.0723**	**3.2547**	**0.0000**	**136.4392**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Meander Pavilion - Santa Clara County, Annual

Meander Pavilion

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	4.00	1000sqft	0.10	4,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	223.9	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2026 completion year, RPS calculated carbon intensity

Land Use - 0.1 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	150	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	0.09	0.10
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	223.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.0158	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Energy	5.0000e-005	4.6000e-004	3.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	4.7224	4.7224	6.5000e-004	1.0000e-004	4.7695
Mobile	0.0258	0.0989	0.2531	9.1000e-004	0.0929	7.4000e-004	0.0937	0.0249	6.9000e-004	0.0256	0.0000	84.0534	84.0534	2.7400e-003	0.0000	84.1220
Waste						0.0000	0.0000		0.0000	0.0000	0.8526	0.0000	0.8526	0.0504	0.0000	2.1122
Water						0.0000	0.0000		0.0000	0.0000	0.0940	0.2274	0.3214	9.6900e-003	2.3000e-004	0.6331
Total	**0.0417**	**0.0993**	**0.2535**	**9.1000e-004**	**0.0929**	**7.8000e-004**	**0.0937**	**0.0249**	**7.3000e-004**	**0.0256**	**0.9466**	**89.0033**	**89.9498**	**0.0635**	**3.3000e-004**	**91.6368**

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	0.0158	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Energy	5.0000e-005	4.6000e-004	3.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	4.7224	4.7224	6.5000e-004	1.0000e-004	4.7695
Mobile	0.0258	0.0989	0.2531	9.1000e-004	0.0929	7.4000e-004	0.0937	0.0249	6.9000e-004	0.0256	0.0000	84.0534	84.0534	2.7400e-003	0.0000	84.1220
Waste						0.0000	0.0000		0.0000	0.0000	0.1364	0.0000	0.1364	8.0600e-003	0.0000	0.3380
Water						0.0000	0.0000		0.0000	0.0000	0.0940	0.2274	0.3214	9.6900e-003	2.3000e-004	0.6331
Total	**0.0417**	**0.0993**	**0.2535**	**9.1000e-004**	**0.0929**	**7.8000e-004**	**0.0937**	**0.0249**	**7.3000e-004**	**0.0256**	**0.2304**	**89.0033**	**89.2337**	**0.0211**	**3.3000e-004**	**89.8626**

	ROG	NOx	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**	**75.66**	**0.00**	**0.80**	**66.69**	**0.00**	**1.94**

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	4.2208	4.2208	6.4000e-004	9.0000e-005	4.2649
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4.2208	4.2208	6.4000e-004	9.0000e-005	4.2649
NaturalGas Mitigated	5.0000e-005	4.6000e-004	3.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5016	0.5016	1.0000e-005	1.0000e-005	0.5046
NaturalGas Unmitigated	5.0000e-005	4.6000e-004	3.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5016	0.5016	1.0000e-005	1.0000e-005	0.5046

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					
Strip Mall	9400	5.0000e-005	4.6000e-004	3.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5016	0.5016	1.0000e-005	1.0000e-005	0.5046
Total		**5.0000e-005**	**4.6000e-004**	**3.9000e-004**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.5016**	**0.5016**	**1.0000e-005**	**1.0000e-005**	**0.5046**

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					
Strip Mall	9400	5.0000e-005	4.6000e-004	3.9000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5016	0.5016	1.0000e-005	1.0000e-005	0.5046
Total		**5.0000e-005**	**4.6000e-004**	**3.9000e-004**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.5016**	**0.5016**	**1.0000e-005**	**1.0000e-005**	**0.5046**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	41560	4.2208	6.4000e-004	9.0000e-005	4.2649
Total		**4.2208**	**6.4000e-004**	**9.0000e-005**	**4.2649**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	41560	4.2208	6.4000e-004	9.0000e-005	4.2649
Total		**4.2208**	**6.4000e-004**	**9.0000e-005**	**4.2649**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0158	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Unmitigated	0.0158	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005

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	1.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0156					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Total	**0.0158**	**0.0000**	**4.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

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	1.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0156					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Total	**0.0158**	**0.0000**	**4.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.3214	9.6900e-003	2.3000e-004	0.6331
Unmitigated	0.3214	9.6900e-003	2.3000e-004	0.6331

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	0.29629 / 0.181597	0.3214	9.6900e-003	2.3000e-004	0.6331
Total		**0.3214**	**9.6900e-003**	**2.3000e-004**	**0.6331**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	0.29629 / 0.181597	0.3214	9.6900e-003	2.3000e-004	0.6331
Total		**0.3214**	**9.6900e-003**	**2.3000e-004**	**0.6331**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.1364	8.0600e-003	0.0000	0.3380

Unmitigated	0.8526	0.0504	0.0000	2.1122

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	4.2	0.8526	0.0504	0.0000	2.1122
Total		**0.8526**	**0.0504**	**0.0000**	**2.1122**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	0.672	0.1364	8.0600e-003	0.0000	0.3380
Total		**0.1364**	**8.0600e-003**	**0.0000**	**0.3380**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block F6 - Santa Clara County, Annual

Block F6

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	350.00	Dwelling Unit	0.50	287,000.00	1001
Strip Mall	13.00	1000sqft	0.10	13,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	223.9	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2026 completion year, RPS calculated carbon intensity

Land Use - 0.6 acres

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Woodstoves - no wood or gas stoves/fireplaces

Table Name	Column Name	Default Value	New Value

tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	150	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	5,484.45	5,210.23
tblEnergyUse	T24NG	2.37	2.35
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	52.50	0.00
tblFireplaces	NumberNoFireplace	14.00	0.00
tblFireplaces	NumberWood	59.50	0.00
tblLandUse	LandUseSquareFeet	350,000.00	287,000.00
tblLandUse	LotAcreage	5.65	0.50
tblLandUse	LotAcreage	0.30	0.10
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	223.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	7.00	0.00
tblWoodstoves	NumberNoncatalytic	7.00	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	1.2682	0.0299	2.5965	1.4000e-004		0.0144	0.0144		0.0144	0.0144	0.0000	4.2453	4.2453	4.0700e-003	0.0000	4.3470
Energy	0.0160	0.1364	0.0587	8.7000e-004		0.0110	0.0110		0.0110	0.0110	0.0000	318.0967	318.0967	0.0274	6.4700e-003	320.7094
Mobile	0.3501	1.3871	3.9017	0.0151	1.5742	0.0119	1.5861	0.4213	0.0110	0.4324	0.0000	1,382.5998	1,382.5998	0.0424	0.0000	1,383.6597
Waste						0.0000	0.0000		0.0000	0.0000	35.4524	0.0000	35.4524	2.0952	0.0000	87.8318
Water						0.0000	0.0000		0.0000	0.0000	7.5401	18.3808	25.9209	0.7772	0.0187	50.9234
Total	**1.6342**	**1.5534**	**6.5569**	**0.0161**	**1.5742**	**0.0373**	**1.6115**	**0.4213**	**0.0365**	**0.4578**	**42.9925**	**1,723.3226**	**1,766.3150**	**2.9462**	**0.0252**	**1,847.4712**

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	1.2682	0.0299	2.5965	1.4000e-004		0.0144	0.0144		0.0144	0.0144	0.0000	4.2453	4.2453	4.0700e-003	0.0000	4.3470
Energy	0.0160	0.1364	0.0587	8.7000e-004		0.0110	0.0110		0.0110	0.0110	0.0000	318.0967	318.0967	0.0274	6.4700e-003	320.7094
Mobile	0.3501	1.3871	3.9017	0.0151	1.5742	0.0119	1.5861	0.4213	0.0110	0.4324	0.0000	1,382.5998	1,382.5998	0.0424	0.0000	1,383.6597
Waste						0.0000	0.0000		0.0000	0.0000	5.6724	0.0000	5.6724	0.3352	0.0000	14.0531
Water						0.0000	0.0000		0.0000	0.0000	7.5401	18.3808	25.9209	0.7772	0.0187	50.9234
Total	**1.6342**	**1.5534**	**6.5569**	**0.0161**	**1.5742**	**0.0373**	**1.6115**	**0.4213**	**0.0365**	**0.4578**	**13.2125**	**1,723.3226**	**1,736.5351**	**1.1863**	**0.0252**	**1,773.6925**

	ROG	NOx	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**	**69.27**	**0.00**	**1.69**	**59.74**	**0.00**	**3.99**

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	160.2263	160.2263	0.0243	3.5800e-003	161.9008
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	160.2263	160.2263	0.0243	3.5800e-003	161.9008
NaturalGas Mitigated	0.0160	0.1364	0.0587	8.7000e-004		0.0110	0.0110		0.0110	0.0110	0.0000	157.8705	157.8705	3.0300e-003	2.8900e-003	158.8086
NaturalGas Unmitigated	0.0160	0.1364	0.0587	8.7000e-004		0.0110	0.0110		0.0110	0.0110	0.0000	157.8705	157.8705	3.0300e-003	2.8900e-003	158.8086

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 High Rise	2.92783e+006	0.0158	0.1349	0.0574	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2402	156.2402	2.9900e-003	2.8600e-003	157.1686

Strip Mall	30550	1.6000e-004	1.5000e-003	1.2600e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	1.6303	1.6303	3.0000e-005	3.0000e-005	1.6400
Total		**0.0160**	**0.1364**	**0.0587**	**8.7000e-004**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**157.8705**	**157.8705**	**3.0200e-003**	**2.8900e-003**	**158.8086**

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 High Rise	2.92783e+006	0.0158	0.1349	0.0574	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2402	156.2402	2.9900e-003	2.8600e-003	157.1686
Strip Mall	30550	1.6000e-004	1.5000e-003	1.2600e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	1.6303	1.6303	3.0000e-005	3.0000e-005	1.6400
Total		**0.0160**	**0.1364**	**0.0587**	**8.7000e-004**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**157.8705**	**157.8705**	**3.0200e-003**	**2.8900e-003**	**158.8086**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.44259e+006	146.5086	0.0223	3.2700e-003	148.0398
Strip Mall	135070	13.7176	2.0800e-003	3.1000e-004	13.8610
Total		**160.2263**	**0.0243**	**3.5800e-003**	**161.9008**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.44259e+006	146.5086	0.0223	3.2700e-003	148.0398
Strip Mall	135070	13.7176	2.0800e-003	3.1000e-004	13.8610
Total		**160.2263**	**0.0243**	**3.5800e-003**	**161.9008**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2682	0.0299	2.5965	1.4000e-004		0.0144	0.0144		0.0144	0.0144	0.0000	4.2453	4.2453	4.0700e-003	0.0000	4.3470
Unmitigated	1.2682	0.0299	2.5965	1.4000e-004		0.0144	0.0144		0.0144	0.0144	0.0000	4.2453	4.2453	4.0700e-003	0.0000	4.3470

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	0.0186					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1717					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0780	0.0299	2.5965	1.4000e-004		0.0144	0.0144		0.0144	0.0144	0.0000	4.2453	4.2453	4.0700e-003	0.0000	4.3470
Total	**1.2682**	**0.0299**	**2.5965**	**1.4000e-004**		**0.0144**	**0.0144**		**0.0144**	**0.0144**	**0.0000**	**4.2453**	**4.2453**	**4.0700e-003**	**0.0000**	**4.3470**

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	0.0186					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1717					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0780	0.0299	2.5965	1.4000e-004		0.0144	0.0144		0.0144	0.0144	0.0000	4.2453	4.2453	4.0700e-003	0.0000	4.3470
Total	**1.2682**	**0.0299**	**2.5965**	**1.4000e-004**		**0.0144**	**0.0144**		**0.0144**	**0.0144**	**0.0000**	**4.2453**	**4.2453**	**4.0700e-003**	**0.0000**	**4.3470**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	25.9209	0.7772	0.0187	50.9234
Unmitigated	25.9209	0.7772	0.0187	50.9234

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	22.8039 / 14.3764	24.8764	0.7457	0.0179	48.8660
Strip Mall	0.962943 / 0.590191	1.0445	0.0315	7.6000e-004	2.0574
Total		**25.9209**	**0.7772**	**0.0187**	**50.9234**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Apartments High Rise	22.8039 / 14.3764	24.8764	0.7457	0.0179	48.8660
Strip Mall	0.962943 / 0.590191	1.0445	0.0315	7.6000e-004	2.0574
Total		**25.9209**	**0.7772**	**0.0187**	**50.9234**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	5.6724	0.3352	0.0000	14.0531
Unmitigated	35.4524	2.0952	0.0000	87.8318

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	161	32.6816	1.9314	0.0000	80.9671
Strip Mall	13.65	2.7708	0.1638	0.0000	6.8646

Total		**35.4524**	**2.0952**	**0.0000**	**87.8318**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	25.76	5.2291	0.3090	0.0000	12.9547
Strip Mall	2.184	0.4433	0.0262	0.0000	1.0983
Total		**5.6724**	**0.3352**	**0.0000**	**14.0531**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block F4

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	355.00	Dwelling Unit	0.40	291,100.00	1015
Hotel	150.00	Room	0.20	120,000.00	0
Strip Mall	12.00	1000sqft	0.09	12,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	223.9	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2026 completion year, RPS calculated carbon intensity

Land Use - 0.69 acres

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Woodstoves - no wood or gas stoves/fireplaces

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24E	2.05	1.83
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	5,484.45	5,210.23
tblEnergyUse	T24NG	39.56	39.16
tblEnergyUse	T24NG	2.37	2.35
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	53.25	0.00
tblFireplaces	NumberNoFireplace	14.20	0.00
tblFireplaces	NumberWood	60.35	0.00
tblLandUse	LandUseSquareFeet	355,000.00	291,100.00
tblLandUse	LandUseSquareFeet	217,800.00	120,000.00
tblLandUse	LotAcreage	5.73	0.40
tblLandUse	LotAcreage	5.00	0.20
tblLandUse	LotAcreage	0.28	0.09
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	223.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	7.10	0.00
tblWoodstoves	NumberNoncatalytic	7.10	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00

tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	1.7560	0.0304	2.6349	1.4000e-004		0.0146	0.0146		0.0146	0.0146	0.0000	4.3086	4.3086	4.1300e-003	0.0000	4.4119
Energy	0.0446	0.3965	0.2764	2.4300e-003		0.0308	0.0308		0.0308	0.0308	0.0000	692.6103	692.6103	0.0466	0.0137	697.8599
Mobile	0.5462	2.1561	6.0058	0.0230	2.4016	0.0182	2.4197	0.6428	0.0169	0.6597	0.0000	2,114.9193	2,114.9193	0.0652	0.0000	2,116.5504
Waste						0.0000	0.0000		0.0000	0.0000	52.3778	0.0000	52.3778	3.0954	0.0000	129.7637
Water						0.0000	0.0000		0.0000	0.0000	8.8271	20.8172	29.6444	0.9098	0.0219	58.9071
Total	**2.3467**	**2.5829**	**8.9170**	**0.0256**	**2.4016**	**0.0636**	**2.4652**	**0.6428**	**0.0623**	**0.7051**	**61.2049**	**2,832.6555**	**2,893.8604**	**4.1212**	**0.0356**	**3,007.4930**

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	1.7560	0.0304	2.6349	1.4000e-004		0.0146	0.0146		0.0146	0.0146	0.0000	4.3086	4.3086	4.1300e-003	0.0000	4.4119
Energy	0.0446	0.3965	0.2764	2.4300e-003		0.0308	0.0308		0.0308	0.0308	0.0000	692.6103	692.6103	0.0466	0.0137	697.8599

Mobile	0.5462	2.1561	6.0058	0.0230	2.4016	0.0182	2.4197	0.6428	0.0169	0.6597	0.0000	2,114.9193	2,114.9193	0.0652	0.0000	2,116.5504
Waste						0.0000	0.0000		0.0000	0.0000	8.3804	0.0000	8.3804	0.4953	0.0000	20.7622
Water						0.0000	0.0000		0.0000	0.0000	8.8271	20.8172	29.6444	0.9098	0.0219	58.9071
Total	**2.3467**	**2.5829**	**8.9170**	**0.0256**	**2.4016**	**0.0636**	**2.4652**	**0.6428**	**0.0623**	**0.7051**	**17.2076**	**2,832.6555**	**2,849.8631**	**1.5211**	**0.0356**	**2,898.4915**

	ROG	NOx	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**	**71.89**	**0.00**	**1.52**	**63.09**	**0.00**	**3.62**

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	251.4487	251.4487	0.0382	5.6200e-003	254.0766
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	251.4487	251.4487	0.0382	5.6200e-003	254.0766
NaturalGas Mitigated	0.0446	0.3965	0.2764	2.4300e-003		0.0308	0.0308		0.0308	0.0308	0.0000	441.1616	441.1616	8.4600e-003	8.0900e-003	443.7832
NaturalGas Unmitigated	0.0446	0.3965	0.2764	2.4300e-003		0.0308	0.0308		0.0308	0.0308	0.0000	441.1616	441.1616	8.4600e-003	8.0900e-003	443.7832

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 High Rise	2.96966e+006	0.0160	0.1368	0.0582	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.4722	158.4722	3.0400e-003	2.9100e-003	159.4139
Hotel	5.2692e+006	0.0284	0.2583	0.2170	1.5500e-003		0.0196	0.0196		0.0196	0.0196	0.0000	281.1846	281.1846	5.3900e-003	5.1600e-003	282.8555
Strip Mall	28200	1.5000e-004	1.3800e-003	1.1600e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	1.5049	1.5049	3.0000e-005	3.0000e-005	1.5138
Total		**0.0446**	**0.3965**	**0.2764**	**2.4300e-003**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**441.1616**	**441.1616**	**8.4600e-003**	**8.1000e-003**	**443.7832**

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 High Rise	2.96966e+006	0.0160	0.1368	0.0582	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.4722	158.4722	3.0400e-003	2.9100e-003	159.4139
Hotel	5.2692e+006	0.0284	0.2583	0.2170	1.5500e-003		0.0196	0.0196		0.0196	0.0196	0.0000	281.1846	281.1846	5.3900e-003	5.1600e-003	282.8555
Strip Mall	28200	1.5000e-004	1.3800e-003	1.1600e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	1.5049	1.5049	3.0000e-005	3.0000e-005	1.5138
Total		**0.0446**	**0.3965**	**0.2764**	**2.4300e-003**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**441.1616**	**441.1616**	**8.4600e-003**	**8.1000e-003**	**443.7832**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e

Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.4632e+006	148.6016	0.0226	3.3200e-003	150.1547
Hotel	888000	90.1847	0.0137	2.0100e-003	91.1272
Strip Mall	124680	12.6624	1.9200e-003	2.8000e-004	12.7948
Total		**251.4487**	**0.0382**	**5.6100e-003**	**254.0766**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.4632e+006	148.6016	0.0226	3.3200e-003	150.1547
Hotel	888000	90.1847	0.0137	2.0100e-003	91.1272
Strip Mall	124680	12.6624	1.9200e-003	2.8000e-004	12.7948
Total		**251.4487**	**0.0382**	**5.6100e-003**	**254.0766**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.7560	0.0304	2.6349	1.4000e-004		0.0146	0.0146		0.0146	0.0146	0.0000	4.3086	4.3086	4.1300e-003	0.0000	4.4119
Unmitigated	1.7560	0.0304	2.6349	1.4000e-004		0.0146	0.0146		0.0146	0.0146	0.0000	4.3086	4.3086	4.1300e-003	0.0000	4.4119

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	0.0243					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0792	0.0304	2.6349	1.4000e-004		0.0146	0.0146		0.0146	0.0146	0.0000	4.3086	4.3086	4.1300e-003	0.0000	4.4119
Total	**1.7560**	**0.0304**	**2.6349**	**1.4000e-004**		**0.0146**	**0.0146**		**0.0146**	**0.0146**	**0.0000**	**4.3086**	**4.3086**	**4.1300e-003**	**0.0000**	**4.4119**

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	0.0243					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6524					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0792	0.0304	2.6349	1.4000e-004		0.0146	0.0146		0.0146	0.0146	0.0000	4.3086	4.3086	4.1300e-003	0.0000	4.4119
Total	**1.7560**	**0.0304**	**2.6349**	**1.4000e-004**		**0.0146**	**0.0146**		**0.0146**	**0.0146**	**0.0000**	**4.3086**	**4.3086**	**4.1300e-003**	**0.0000**	**4.4119**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	29.6444	0.9098	0.0219	58.9071
Unmitigated	29.6444	0.9098	0.0219	58.9071

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
Apartments High Rise	23.1297 / 14.5818	25.2318	0.7564	0.0182	49.5641
Hotel	3.80502 / 0.422779	3.4484	0.1243	2.9800e-003	7.4439
Strip Mall	0.88887 / 0.544791	0.9641	0.0291	7.0000e-004	1.8991
Total		**29.6444**	**0.9098**	**0.0219**	**58.9071**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	23.1297 / 14.5818	25.2318	0.7564	0.0182	49.5641
Hotel	3.80502 / 0.422779	3.4484	0.1243	2.9800e-003	7.4439
Strip Mall	0.88887 / 0.544791	0.9641	0.0291	7.0000e-004	1.8991
Total		**29.6444**	**0.9098**	**0.0219**	**58.9071**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e

	MT/yr			
Mitigated	8.3804	0.4953	0.0000	20.7622
Unmitigated	52.3778	3.0954	0.0000	129.7637

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	163.3	33.1484	1.9590	0.0000	82.1238
Hotel	82.13	16.6717	0.9853	0.0000	41.3033
Strip Mall	12.6	2.5577	0.1512	0.0000	6.3366
Total		**52.3778**	**3.0954**	**0.0000**	**129.7637**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	26.128	5.3038	0.3134	0.0000	13.1398
Hotel	13.1408	2.6675	0.1576	0.0000	6.6085
Strip Mall	2.016	0.4092	0.0242	0.0000	1.0139

Total		**8.3804**	**0.4953**	**0.0000**	**20.7622**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

150 S Montgomery

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	17.20	1000sqft	0.20	17,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	223.9	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2026 completion year, RPS calculated carbon intensity

Land Use - 0.2 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	150	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	0.39	0.20
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	223.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.0680	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.1000e-004	3.1000e-004	0.0000	0.0000	3.3000e-004
Energy	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	20.3064	20.3064	2.8000e-003	4.4000e-004	20.5089
Mobile	0.1110	0.4250	1.0881	3.9300e-003	0.3997	3.1800e-003	0.4029	0.1070	2.9600e-003	0.1099	0.0000	361.4296	361.4296	0.0118	0.0000	361.7245
Waste						0.0000	0.0000		0.0000	0.0000	3.6660	0.0000	3.6660	0.2167	0.0000	9.0824
Water						0.0000	0.0000		0.0000	0.0000	0.4042	0.9777	1.3819	0.0417	1.0000e-003	2.7221
Total	**0.1792**	**0.4270**	**1.0899**	**3.9400e-003**	**0.3997**	**3.3300e-003**	**0.4030**	**0.1070**	**3.1100e-003**	**0.1101**	**4.0702**	**382.7141**	**386.7843**	**0.2729**	**1.4400e-003**	**394.0382**

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	0.0680	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.1000e-004	3.1000e-004	0.0000	0.0000	3.3000e-004
Energy	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	20.3064	20.3064	2.8000e-003	4.4000e-004	20.5089
Mobile	0.1110	0.4250	1.0881	3.9300e-003	0.3997	3.1800e-003	0.4029	0.1070	2.9600e-003	0.1099	0.0000	361.4296	361.4296	0.0118	0.0000	361.7245
Waste						0.0000	0.0000		0.0000	0.0000	0.5866	0.0000	0.5866	0.0347	0.0000	1.4532
Water						0.0000	0.0000		0.0000	0.0000	0.4042	0.9777	1.3819	0.0417	1.0000e-003	2.7221
Total	**0.1792**	**0.4270**	**1.0899**	**3.9400e-003**	**0.3997**	**3.3300e-003**	**0.4030**	**0.1070**	**3.1100e-003**	**0.1101**	**0.9908**	**382.7141**	**383.7048**	**0.0909**	**1.4400e-003**	**386.4090**

	ROG	NOx	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**	**75.66**	**0.00**	**0.80**	**66.69**	**0.00**	**1.94**

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	18.1495	18.1495	2.7600e-003	4.1000e-004	18.3392
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	18.1495	18.1495	2.7600e-003	4.1000e-004	18.3392
NaturalGas Mitigated	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	2.1570	2.1570	4.0000e-005	4.0000e-005	2.1698
NaturalGas Unmitigated	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	2.1570	2.1570	4.0000e-005	4.0000e-005	2.1698

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					
Strip Mall	40420	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	2.1570	2.1570	4.0000e-005	4.0000e-005	2.1698
Total		**2.2000e-004**	**1.9800e-003**	**1.6600e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**2.1570**	**2.1570**	**4.0000e-005**	**4.0000e-005**	**2.1698**

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					
Strip Mall	40420	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	2.1570	2.1570	4.0000e-005	4.0000e-005	2.1698
Total		**2.2000e-004**	**1.9800e-003**	**1.6600e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**2.1570**	**2.1570**	**4.0000e-005**	**4.0000e-005**	**2.1698**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	178708	18.1495	2.7600e-003	4.1000e-004	18.3392
Total		**18.1495**	**2.7600e-003**	**4.1000e-004**	**18.3392**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	178708	18.1495	2.7600e-003	4.1000e-004	18.3392
Total		**18.1495**	**2.7600e-003**	**4.1000e-004**	**18.3392**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0680	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.1000e-004	3.1000e-004	0.0000	0.0000	3.3000e-004
Unmitigated	0.0680	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.1000e-004	3.1000e-004	0.0000	0.0000	3.3000e-004

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	8.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0672					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.1000e-004	3.1000e-004	0.0000	0.0000	3.3000e-004
Total	**0.0680**	**0.0000**	**1.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.1000e-004**	**3.1000e-004**	**0.0000**	**0.0000**	**3.3000e-004**

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	8.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0672					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.1000e-004	3.1000e-004	0.0000	0.0000	3.3000e-004
Total	**0.0680**	**0.0000**	**1.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.1000e-004**	**3.1000e-004**	**0.0000**	**0.0000**	**3.3000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1.3819	0.0417	1.0000e-003	2.7221
Unmitigated	1.3819	0.0417	1.0000e-003	2.7221

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	1.27405 / 0.780868	1.3819	0.0417	1.0000e-003	2.7221
Total		**1.3819**	**0.0417**	**1.0000e-003**	**2.7221**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	1.27405 / 0.780868	1.3819	0.0417	1.0000e-003	2.7221
Total		**1.3819**	**0.0417**	**1.0000e-003**	**2.7221**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.5866	0.0347	0.0000	1.4532

Unmitigated	3.6660	0.2167	0.0000	9.0824

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	18.06	3.6660	0.2167	0.0000	9.0824
Total		**3.6660**	**0.2167**	**0.0000**	**9.0824**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	2.8896	0.5866	0.0347	0.0000	1.4532
Total		**0.5866**	**0.0347**	**0.0000**	**1.4532**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block G1 - Santa Clara County, Annual

Block G1

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	890.00	1000sqft	2.00	890,000.00	0
Strip Mall	12.00	1000sqft	0.70	12,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	212	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2027 completion year, RPS calculated carbon intensity

Land Use - 2.7 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value

tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.05
tblEnergyUse	T24E	6.11	5.46
tblEnergyUse	T24NG	2.37	39.56
tblEnergyUse	T24NG	16.31	16.15
tblLandUse	LotAcreage	20.43	2.00
tblLandUse	LotAcreage	0.28	0.70
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	212
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	3.5653	7.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Energy	0.0804	0.7305	0.6136	4.3800e-003		0.0555	0.0555		0.0555	0.0555	0.0000	2,277.0533	2,277.0533	0.2529	0.0495	2,298.1351
Mobile	1.3663	5.5780	15.8319	0.0637	6.9054	0.0488	6.9542	1.8481	0.0454	1.8935	0.0000	5,856.2903	5,856.2903	0.1741	0.0000	5,860.6438

Waste						0.0000	0.0000		0.0000	0.0000	170.5733	0.0000	170.5733	10.0806	0.0000	422.5882
Water						0.0000	0.0000		0.0000	0.0000	50.4662	115.5836	166.0498	5.2019	0.1251	333.3819
Total	**5.0120**	**6.3086**	**16.4538**	**0.0681**	**6.9054**	**0.1043**	**7.0097**	**1.8481**	**0.1009**	**1.9490**	**221.0395**	**8,248.9433**	**8,469.9828**	**15.7096**	**0.1747**	**8,914.7661**

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	3.5653	7.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Energy	0.0804	0.7305	0.6136	4.3800e-003		0.0555	0.0555		0.0555	0.0555	0.0000	2,277.0533	2,277.0533	0.2529	0.0495	2,298.1351
Mobile	1.3663	5.5780	15.8319	0.0637	6.9054	0.0488	6.9542	1.8481	0.0454	1.8935	0.0000	5,856.2903	5,856.2903	0.1741	0.0000	5,860.6438
Waste						0.0000	0.0000		0.0000	0.0000	27.2917	0.0000	27.2917	1.6129	0.0000	67.6141
Water						0.0000	0.0000		0.0000	0.0000	50.4662	115.5836	166.0498	5.2019	0.1251	333.3819
Total	**5.0120**	**6.3086**	**16.4538**	**0.0681**	**6.9054**	**0.1043**	**7.0097**	**1.8481**	**0.1009**	**1.9490**	**77.7579**	**8,248.9433**	**8,326.7013**	**7.2419**	**0.1747**	**8,559.7921**

	ROG	NOx	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**	**64.82**	**0.00**	**1.69**	**53.90**	**0.00**	**3.98**

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	1,481.8461	1,481.8461	0.2377	0.0350	1,498.2024
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,481.8461	1,481.8461	0.2377	0.0350	1,498.2024
NaturalGas Mitigated	0.0804	0.7305	0.6136	4.3800e-003		0.0555	0.0555		0.0555	0.0555	0.0000	795.2072	795.2072	0.0152	0.0146	799.9327
NaturalGas Unmitigated	0.0804	0.7305	0.6136	4.3800e-003		0.0555	0.0555		0.0555	0.0555	0.0000	795.2072	795.2072	0.0152	0.0146	799.9327

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 Office Building	1.44269e+007	0.0778	0.7072	0.5941	4.2400e-003		0.0538	0.0538		0.0538	0.0538	0.0000	769.8743	769.8743	0.0148	0.0141	774.4493
Strip Mall	474720	2.5600e-003	0.0233	0.0196	1.4000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	25.3329	25.3329	4.9000e-004	4.6000e-004	25.4834
Total		**0.0804**	**0.7305**	**0.6136**	**4.3800e-003**		**0.0555**	**0.0555**		**0.0555**	**0.0555**	**0.0000**	**795.2072**	**795.2072**	**0.0153**	**0.0146**	**799.9327**

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					
General Office Building	1.44269e+007	0.0778	0.7072	0.5941	4.2400e-003		0.0538	0.0538		0.0538	0.0538	0.0000	769.8743	769.8743	0.0148	0.0141	774.4493
Strip Mall	474720	2.5600e-003	0.0233	0.0196	1.4000e-004		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	25.3329	25.3329	4.9000e-004	4.6000e-004	25.4834
Total		**0.0804**	**0.7305**	**0.6136**	**4.3800e-003**		**0.0555**	**0.0555**		**0.0555**	**0.0555**	**0.0000**	**795.2072**	**795.2072**	**0.0153**	**0.0146**	**799.9327**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	1.52902e+007	1,470.3298	0.2358	0.0347	1,486.5589
Strip Mall	119760	11.5163	1.8500e-003	2.7000e-004	11.6434
Total		**1,481.8461**	**0.2377**	**0.0350**	**1,498.2024**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	1.52902e+007	1,470.3298	0.2358	0.0347	1,486.5589
Strip Mall	119760	11.5163	1.8500e-003	2.7000e-004	11.6434
Total		**1,481.8461**	**0.2377**	**0.0350**	**1,498.2024**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5653	7.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Unmitigated	3.5653	7.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

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	0.0418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.5228					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.6000e-004	7.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

Total	**3.5653**	**7.0000e-005**	**8.2700e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0161**	**0.0161**	**4.0000e-005**	**0.0000**	**0.0172**

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	0.0418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.5228					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.6000e-004	7.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Total	**3.5653**	**7.0000e-005**	**8.2700e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0161**	**0.0161**	**4.0000e-005**	**0.0000**	**0.0172**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	166.0498	5.2019	0.1251	333.3819
Unmitigated	166.0498	5.2019	0.1251	333.3819

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	158.183 / 96.9509	165.1219	5.1728	0.1244	331.5190
Strip Mall	0.88887 / 0.544791	0.9279	0.0291	7.0000e-004	1.8629
Total		**166.0498**	**5.2019**	**0.1251**	**333.3819**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	158.183 / 96.9509	165.1219	5.1728	0.1244	331.5190
Strip Mall	0.88887 / 0.544791	0.9279	0.0291	7.0000e-004	1.8629
Total		**166.0498**	**5.2019**	**0.1251**	**333.3819**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	27.2917	1.6129	0.0000	67.6141
Unmitigated	170.5733	10.0806	0.0000	422.5882

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	827.7	168.0156	9.9294	0.0000	416.2516
Strip Mall	12.6	2.5577	0.1512	0.0000	6.3366
Total		**170.5733**	**10.0806**	**0.0000**	**422.5882**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	132.432	26.8825	1.5887	0.0000	66.6003

Strip Mall	2.016	0.4092	0.0242	0.0000	1.0139
Total		**27.2917**	**1.6129**	**0.0000**	**67.6141**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

LGC Park Pavilion - Santa Clara County, Annual

LGC Park Pavilion

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	3.50	1000sqft	0.10	3,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	212	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2027 completion year, RPS calculated carbon intensity

Land Use - 0.1 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	0.08	0.10
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	212
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Energy	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	3.9358	3.9358	5.7000e-004	9.0000e-005	3.9770
Mobile	0.0215	0.0843	0.2101	7.8000e-004	0.0813	6.2000e-004	0.0819	0.0218	5.7000e-004	0.0223	0.0000	71.6197	71.6197	2.3000e-003	0.0000	71.6773
Waste						0.0000	0.0000		0.0000	0.0000	0.7470	0.0000	0.7470	0.0442	0.0000	1.8507
Water						0.0000	0.0000		0.0000	0.0000	0.0823	0.1884	0.2706	8.4800e-003	2.0000e-004	0.5433
Total	**0.0354**	**0.0847**	**0.2105**	**7.8000e-004**	**0.0813**	**6.5000e-004**	**0.0820**	**0.0218**	**6.0000e-004**	**0.0224**	**0.8293**	**75.7440**	**76.5732**	**0.0555**	**2.9000e-004**	**78.0484**

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	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Energy	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	3.9358	3.9358	5.7000e-004	9.0000e-005	3.9770
Mobile	0.0215	0.0843	0.2101	7.8000e-004	0.0813	6.2000e-004	0.0819	0.0218	5.7000e-004	0.0223	0.0000	71.6197	71.6197	2.3000e-003	0.0000	71.6773
Waste						0.0000	0.0000		0.0000	0.0000	0.1195	0.0000	0.1195	7.0600e-003	0.0000	0.2961
Water						0.0000	0.0000		0.0000	0.0000	0.0823	0.1884	0.2706	8.4800e-003	2.0000e-004	0.5433
Total	**0.0354**	**0.0847**	**0.2105**	**7.8000e-004**	**0.0813**	**6.5000e-004**	**0.0820**	**0.0218**	**6.0000e-004**	**0.0224**	**0.2018**	**75.7440**	**75.9457**	**0.0184**	**2.9000e-004**	**76.4939**

	ROG	NOx	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**	**75.67**	**0.00**	**0.82**	**66.83**	**0.00**	**1.99**

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	3.4969	3.4969	5.6000e-004	8.0000e-005	3.5355
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3.4969	3.4969	5.6000e-004	8.0000e-005	3.5355
NaturalGas Mitigated	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415
NaturalGas Unmitigated	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415

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					
Strip Mall	8225	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415
Total		**4.0000e-005**	**4.0000e-004**	**3.4000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.4389**	**0.4389**	**1.0000e-005**	**1.0000e-005**	**0.4415**

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					
Strip Mall	8225	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415
Total		**4.0000e-005**	**4.0000e-004**	**3.4000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.4389**	**0.4389**	**1.0000e-005**	**1.0000e-005**	**0.4415**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	36365	3.4969	5.6000e-004	8.0000e-005	3.5355
Total		**3.4969**	**5.6000e-004**	**8.0000e-005**	**3.5355**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	36365	3.4969	5.6000e-004	8.0000e-005	3.5355
Total		**3.4969**	**5.6000e-004**	**8.0000e-005**	**3.5355**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Unmitigated	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005

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	1.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**0.0138**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

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	1.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**0.0138**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.2706	8.4800e-003	2.0000e-004	0.5433
Unmitigated	0.2706	8.4800e-003	2.0000e-004	0.5433

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	0.259254 / 0.158898	0.2706	8.4800e-003	2.0000e-004	0.5433
Total		**0.2706**	**8.4800e-003**	**2.0000e-004**	**0.5433**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	0.259254 / 0.158898	0.2706	8.4800e-003	2.0000e-004	0.5433
Total		**0.2706**	**8.4800e-003**	**2.0000e-004**	**0.5433**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.1195	7.0600e-003	0.0000	0.2961

Unmitigated	0.7470	0.0442	0.0000	1.8507

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	3.68	0.7470	0.0442	0.0000	1.8507
Total		**0.7470**	**0.0442**	**0.0000**	**1.8507**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	0.5888	0.1195	7.0600e-003	0.0000	0.2961
Total		**0.1195**	**7.0600e-003**	**0.0000**	**0.2961**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block F3

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	30.00	1000sqft	0.10	30,000.00	0
Hotel	150.00	Room	0.10	120,000.00	0
Strip Mall	10.00	1000sqft	0.10	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	212	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2027 completion year, RPS calculated carbon intensity

Land Use - 0.3 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24E	6.11	5.46
tblEnergyUse	T24E	2.05	1.83
tblEnergyUse	T24NG	2.37	2.35
tblEnergyUse	T24NG	16.31	16.15
tblEnergyUse	T24NG	39.56	39.16
tblLandUse	LandUseSquareFeet	217,800.00	120,000.00
tblLandUse	LotAcreage	0.69	0.10
tblLandUse	LotAcreage	5.00	0.10
tblLandUse	LotAcreage	0.23	0.10
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	212
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.6325	2.0000e-005	1.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.4000e-003	3.4000e-003	1.0000e-005	0.0000	3.6200e-003
Energy	0.0312	0.2833	0.2380	1.7000e-003		0.0215	0.0215		0.0215	0.0215	0.0000	453.3338	453.3338	0.0292	9.0700e-003	456.7663
Mobile	0.2943	1.1765	3.1259	0.0121	1.2881	9.4200e-003	1.2975	0.3447	8.7500e-003	0.3535	0.0000	1,111.7286	1,111.7286	0.0343	0.0000	1,112.5867
Waste						0.0000	0.0000		0.0000	0.0000	24.4665	0.0000	24.4665	1.4459	0.0000	60.6147
Water						0.0000	0.0000		0.0000	0.0000	3.1338	6.5347	9.6684	0.3229	7.7500e-003	20.0520
Total	**0.9579**	**1.4598**	**3.3656**	**0.0138**	**1.2881**	**0.0310**	**1.3191**	**0.3447**	**0.0303**	**0.3750**	**27.6003**	**1,571.6005**	**1,599.2007**	**1.8323**	**0.0168**	**1,650.0233**

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	0.6325	2.0000e-005	1.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.4000e-003	3.4000e-003	1.0000e-005	0.0000	3.6200e-003
Energy	0.0312	0.2833	0.2380	1.7000e-003		0.0215	0.0215		0.0215	0.0215	0.0000	453.3338	453.3338	0.0292	9.0700e-003	456.7663
Mobile	0.2943	1.1765	3.1259	0.0121	1.2881	9.4200e-003	1.2975	0.3447	8.7500e-003	0.3535	0.0000	1,111.7286	1,111.7286	0.0343	0.0000	1,112.5867
Waste						0.0000	0.0000		0.0000	0.0000	3.9146	0.0000	3.9146	0.2314	0.0000	9.6984
Water						0.0000	0.0000		0.0000	0.0000	3.1338	6.5347	9.6684	0.3229	7.7500e-003	20.0520
Total	**0.9579**	**1.4598**	**3.3656**	**0.0138**	**1.2881**	**0.0310**	**1.3191**	**0.3447**	**0.0303**	**0.3750**	**7.0484**	**1,571.6005**	**1,578.6489**	**0.6178**	**0.0168**	**1,599.1070**

	ROG	NOx	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**	**74.46**	**0.00**	**1.29**	**66.29**	**0.00**	**3.09**

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	144.9444	144.9444	0.0233	3.4200e-003	146.5442
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	144.9444	144.9444	0.0233	3.4200e-003	146.5442
NaturalGas Mitigated	0.0312	0.2833	0.2380	1.7000e-003		0.0215	0.0215		0.0215	0.0215	0.0000	308.3895	308.3895	5.9100e-003	5.6500e-003	310.2221
NaturalGas Unmitigated	0.0312	0.2833	0.2380	1.7000e-003		0.0215	0.0215		0.0215	0.0215	0.0000	308.3895	308.3895	5.9100e-003	5.6500e-003	310.2221

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 Office Building	486300	2.6200e-003	0.0238	0.0200	1.4000e-004		1.8100e-003	1.8100e-003		1.8100e-003	1.8100e-003	0.0000	25.9508	25.9508	5.0000e-004	4.8000e-004	26.1050
Hotel	5.2692e+006	0.0284	0.2583	0.2170	1.5500e-003		0.0196	0.0196		0.0196	0.0196	0.0000	281.1846	281.1846	5.3900e-003	5.1600e-003	282.8555
Strip Mall	23500	1.3000e-004	1.1500e-003	9.7000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2541	1.2541	2.0000e-005	2.0000e-005	1.2615
Total		**0.0312**	**0.2833**	**0.2380**	**1.7000e-003**		**0.0215**	**0.0215**		**0.0215**	**0.0215**	**0.0000**	**308.3895**	**308.3895**	**5.9100e-003**	**5.6600e-003**	**310.2221**

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					
General Office Building	486300	2.6200e-003	0.0238	0.0200	1.4000e-004		1.8100e-003	1.8100e-003		1.8100e-003	1.8100e-003	0.0000	25.9508	25.9508	5.0000e-004	4.8000e-004	26.1050
Hotel	5.2692e+006	0.0284	0.2583	0.2170	1.5500e-003		0.0196	0.0196		0.0196	0.0196	0.0000	281.1846	281.1846	5.3900e-003	5.1600e-003	282.8555
Strip Mall	23500	1.3000e-004	1.1500e-003	9.7000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2541	1.2541	2.0000e-005	2.0000e-005	1.2615
Total		**0.0312**	**0.2833**	**0.2380**	**1.7000e-003**		**0.0215**	**0.0215**		**0.0215**	**0.0215**	**0.0000**	**308.3895**	**308.3895**	**5.9100e-003**	**5.6600e-003**	**310.2221**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	515400	49.5617	7.9500e-003	1.1700e-003	50.1087
Hotel	888000	85.3915	0.0137	2.0100e-003	86.3340
Strip Mall	103900	9.9912	1.6000e-003	2.4000e-004	10.1015
Total		**144.9444**	**0.0232**	**3.4200e-003**	**146.5442**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e

Land Use	kWh/yr	MT/yr			
General Office Building	515400	49.5617	7.9500e-003	1.1700e-003	50.1087
Hotel	888000	85.3915	0.0137	2.0100e-003	86.3340
Strip Mall	103900	9.9912	1.6000e-003	2.4000e-004	10.1015
Total		**144.9444**	**0.0232**	**3.4200e-003**	**146.5442**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6325	2.0000e-005	1.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.4000e-003	3.4000e-003	1.0000e-005	0.0000	3.6200e-003
Unmitigated	0.6325	2.0000e-005	1.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.4000e-003	3.4000e-003	1.0000e-005	0.0000	3.6200e-003

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	7.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.4000e-003	3.4000e-003	1.0000e-005	0.0000	3.6200e-003
Total	**0.6325**	**2.0000e-005**	**1.7400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.4000e-003**	**3.4000e-003**	**1.0000e-005**	**0.0000**	**3.6200e-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	7.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.4000e-003	3.4000e-003	1.0000e-005	0.0000	3.6200e-003
Total	**0.6325**	**2.0000e-005**	**1.7400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.4000e-003**	**3.4000e-003**	**1.0000e-005**	**0.0000**	**3.6200e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e

Category	MT/yr			
Mitigated	9.6684	0.3229	7.7500e-003	20.0520
Unmitigated	9.6684	0.3229	7.7500e-003	20.0520

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	5.33201 / 3.26801	5.5659	0.1744	4.1900e-003	11.1748
Hotel	3.80502 / 0.422779	3.3293	0.1243	2.9800e-003	7.3248
Strip Mall	0.740725 / 0.453993	0.7732	0.0242	5.8000e-004	1.5524
Total		**9.6684**	**0.3229**	**7.7500e-003**	**20.0520**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	5.33201 / 3.26801	5.5659	0.1744	4.1900e-003	11.1748
Hotel	3.80502 / 0.422779	3.3293	0.1243	2.9800e-003	7.3248
Strip Mall	0.740725 / 0.453993	0.7732	0.0242	5.8000e-004	1.5524

Total		**9.6684**	**0.3229**	**7.7500e-003**	**20.0520**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	3.9146	0.2314	0.0000	9.6984
Unmitigated	24.4665	1.4459	0.0000	60.6147

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	27.9	5.6635	0.3347	0.0000	14.0310
Hotel	82.13	16.6717	0.9853	0.0000	41.3033
Strip Mall	10.5	2.1314	0.1260	0.0000	5.2805

Total		**24.4665**	**1.4459**	**0.0000**	**60.6147**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	4.464	0.9062	0.0536	0.0000	2.2450
Hotel	13.1408	2.6675	0.1576	0.0000	6.6085
Strip Mall	1.68	0.3410	0.0202	0.0000	0.8449
Total		**3.9146**	**0.2313**	**0.0000**	**9.6984**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block D7 - Santa Clara County, Annual

Block D7

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	550.00	1000sqft	1.00	550,000.00	0
Strip Mall	34.00	1000sqft	0.30	34,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	212	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2027 completion year, RPS calculated carbon intensity

Land Use - 1.3 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value

tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	6.11	5.46
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	16.31	16.15
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	12.63	1.00
tblLandUse	LotAcreage	0.78	0.30
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	212
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	2.3084	5.0000e-005	5.3500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0104	0.0104	3.0000e-005	0.0000	0.0111
Energy	0.0485	0.4410	0.3704	2.6500e-003		0.0335	0.0335		0.0335	0.0335	0.0000	1,422.6296	1,422.6296	0.1604	0.0310	1,435.8864
Mobile	1.0077	4.0877	11.3798	0.0453	4.8851	0.0349	4.9199	1.3074	0.0324	1.3398	0.0000	4,163.0436	4,163.0436	0.1251	0.0000	4,166.1714

Waste						0.0000	0.0000		0.0000	0.0000	111.0767	0.0000	111.0767	6.5644	0.0000	275.1877
Water						0.0000	0.0000		0.0000	0.0000	31.8117	72.8589	104.6706	3.2791	0.0789	210.1495
Total	**3.3645**	**4.5287**	**11.7555**	**0.0480**	**4.8851**	**0.0684**	**4.9534**	**1.3074**	**0.0659**	**1.3733**	**142.8883**	**5,658.5426**	**5,801.4309**	**10.1290**	**0.1099**	**6,087.4061**

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	2.3084	5.0000e-005	5.3500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0104	0.0104	3.0000e-005	0.0000	0.0111
Energy	0.0485	0.4410	0.3704	2.6500e-003		0.0335	0.0335		0.0335	0.0335	0.0000	1,422.6296	1,422.6296	0.1604	0.0310	1,435.8864
Mobile	1.0077	4.0877	11.3798	0.0453	4.8851	0.0349	4.9199	1.3074	0.0324	1.3398	0.0000	4,163.0436	4,163.0436	0.1251	0.0000	4,166.1714
Waste						0.0000	0.0000		0.0000	0.0000	17.7723	0.0000	17.7723	1.0503	0.0000	44.0300
Water						0.0000	0.0000		0.0000	0.0000	31.8117	72.8589	104.6706	3.2791	0.0789	210.1495
Total	**3.3645**	**4.5287**	**11.7555**	**0.0480**	**4.8851**	**0.0684**	**4.9534**	**1.3074**	**0.0659**	**1.3733**	**49.5840**	**5,658.5426**	**5,708.1266**	**4.6149**	**0.1099**	**5,856.2484**

	ROG	NOx	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**	**65.30**	**0.00**	**1.61**	**54.44**	**0.00**	**3.80**

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	942.6008	942.6008	0.1512	0.0222	953.0050
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	942.6008	942.6008	0.1512	0.0222	953.0050
NaturalGas Mitigated	0.0485	0.4410	0.3704	2.6500e-003		0.0335	0.0335		0.0335	0.0335	0.0000	480.0288	480.0288	9.2000e-003	8.8000e-003	482.8814
NaturalGas Unmitigated	0.0485	0.4410	0.3704	2.6500e-003		0.0335	0.0335		0.0335	0.0335	0.0000	480.0288	480.0288	9.2000e-003	8.8000e-003	482.8814

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 Office Building	8.9155e+006	0.0481	0.4370	0.3671	2.6200e-003		0.0332	0.0332		0.0332	0.0332	0.0000	475.7650	475.7650	9.1200e-003	8.7200e-003	478.5923
Strip Mall	79900	4.3000e-004	3.9200e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	4.2638	4.2638	8.0000e-005	8.0000e-005	4.2891
Total		**0.0485**	**0.4410**	**0.3704**	**2.6400e-003**		**0.0335**	**0.0335**		**0.0335**	**0.0335**	**0.0000**	**480.0288**	**480.0288**	**9.2000e-003**	**8.8000e-003**	**482.8814**

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					
General Office Building	8.9155e+006	0.0481	0.4370	0.3671	2.6200e-003		0.0332	0.0332		0.0332	0.0332	0.0000	475.7650	475.7650	9.1200e-003	8.7200e-003	478.5923
Strip Mall	79900	4.3000e-004	3.9200e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	4.2638	4.2638	8.0000e-005	8.0000e-005	4.2891
Total		**0.0485**	**0.4410**	**0.3704**	**2.6400e-003**		**0.0335**	**0.0335**		**0.0335**	**0.0335**	**0.0000**	**480.0288**	**480.0288**	**9.2000e-003**	**8.8000e-003**	**482.8814**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	9.449e+006	908.6308	0.1457	0.0214	918.6600
Strip Mall	353260	33.9700	5.4500e-003	8.0000e-004	34.3450
Total		**942.6008**	**0.1512**	**0.0222**	**953.0050**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	9.449e+006	908.6308	0.1457	0.0214	918.6600
Strip Mall	353260	33.9700	5.4500e-003	8.0000e-004	34.3450
Total		**942.6008**	**0.1512**	**0.0222**	**953.0050**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3084	5.0000e-005	5.3500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0104	0.0104	3.0000e-005	0.0000	0.0111
Unmitigated	2.3084	5.0000e-005	5.3500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0104	0.0104	3.0000e-005	0.0000	0.0111

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	0.0271					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.2808					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.9000e-004	5.0000e-005	5.3500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0104	0.0104	3.0000e-005	0.0000	0.0111

Total	**2.3084**	**5.0000e-005**	**5.3500e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0104**	**0.0104**	**3.0000e-005**	**0.0000**	**0.0111**

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	0.0271					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.2808					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.9000e-004	5.0000e-005	5.3500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0104	0.0104	3.0000e-005	0.0000	0.0111
Total	**2.3084**	**5.0000e-005**	**5.3500e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0104**	**0.0104**	**3.0000e-005**	**0.0000**	**0.0111**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	104.6706	3.2791	0.0789	210.1495
Unmitigated	104.6706	3.2791	0.0789	210.1495

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	97.7536 / 59.9135	102.0417	3.1967	0.0769	204.8713
Strip Mall	2.51847 / 1.54358	2.6289	0.0824	1.9800e-003	5.2782
Total		**104.6706**	**3.2791**	**0.0789**	**210.1495**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	97.7536 / 59.9135	102.0417	3.1967	0.0769	204.8713
Strip Mall	2.51847 / 1.54358	2.6289	0.0824	1.9800e-003	5.2782
Total		**104.6706**	**3.2791**	**0.0789**	**210.1495**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	17.7723	1.0503	0.0000	44.0300
Unmitigated	111.0767	6.5644	0.0000	275.1877

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	511.5	103.8299	6.1362	0.0000	257.2341
Strip Mall	35.7	7.2468	0.4283	0.0000	17.9536
Total		**111.0767**	**6.5644**	**0.0000**	**275.1877**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	81.84	16.6128	0.9818	0.0000	41.1575

Strip Mall	5.712	1.1595	0.0685	0.0000	2.8726
Total		**17.7723**	**1.0503**	**0.0000**	**44.0300**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block E1.2

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,050.00	1000sqft	2.00	1,050,000.00	0
Strip Mall	20.00	1000sqft	0.70	20,000.00	0
User Defined Recreational	0.00	User Defined Unit	0.00	50,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	223.9	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2026 completion year, RPS calculated carbon intensity

Land Use - 2.7 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	LightingElect	0.00	5.25
tblEnergyUse	NT24E	0.00	2.68
tblEnergyUse	T24E	6.11	5.46
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24E	0.00	2.46
tblEnergyUse	T24NG	16.31	16.15
tblEnergyUse	T24NG	2.37	2.35
tblEnergyUse	T24NG	0.00	2.35
tblLandUse	LandUseSquareFeet	0.00	50,000.00
tblLandUse	LotAcreage	24.10	2.00
tblLandUse	LotAcreage	0.46	0.70
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	223.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	4.4270	9.0000e-005	9.8100e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0191	0.0191	5.0000e-005	0.0000	0.0204
Energy	0.0927	0.8424	0.7076	5.0500e-003		0.0640	0.0640		0.0640	0.0640	0.0000	2,822.9499	2,822.9499	0.3070	0.0594	2,848.3182
Mobile	1.7289	6.9259	20.0304	0.0787	8.2827	0.0615	8.3441	2.2168	0.0572	2.2740	0.0000	7,221.1471	7,221.1471	0.2178	0.0000	7,226.5921
Waste						0.0000	0.0000		0.0000	0.0000	202.4835	0.0000	202.4835	11.9664	0.0000	501.6443
Water						0.0000	0.0000		0.0000	0.0000	59.6761	144.3491	204.0252	6.1512	0.1480	401.8948
Total	**6.2486**	**7.7684**	**20.7478**	**0.0837**	**8.2827**	**0.1255**	**8.4082**	**2.2168**	**0.1212**	**2.3380**	**262.1595**	**10,188.4653**	**10,450.6249**	**18.6425**	**0.2073**	**10,978.4697**

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	4.4270	9.0000e-005	9.8100e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0191	0.0191	5.0000e-005	0.0000	0.0204
Energy	0.0927	0.8424	0.7076	5.0500e-003		0.0640	0.0640		0.0640	0.0640	0.0000	2,822.9499	2,822.9499	0.3070	0.0594	2,848.3182
Mobile	1.7289	6.9259	20.0304	0.0787	8.2827	0.0615	8.3441	2.2168	0.0572	2.2740	0.0000	7,221.1471	7,221.1471	0.2178	0.0000	7,226.5921
Waste						0.0000	0.0000		0.0000	0.0000	32.3974	0.0000	32.3974	1.9146	0.0000	80.2631
Water						0.0000	0.0000		0.0000	0.0000	59.6761	144.3491	204.0252	6.1512	0.1480	401.8948
Total	**6.2486**	**7.7684**	**20.7478**	**0.0837**	**8.2827**	**0.1255**	**8.4082**	**2.2168**	**0.1212**	**2.3380**	**92.0734**	**10,188.4653**	**10,280.5387**	**8.5907**	**0.2073**	**10,557.0885**

	ROG	NOx	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**	**64.88**	**0.00**	**1.63**	**53.92**	**0.00**	**3.84**

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	1,905.8929	1,905.8929	0.2894	0.0426	1,925.8116
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,905.8929	1,905.8929	0.2894	0.0426	1,925.8116
NaturalGas Mitigated	0.0927	0.8424	0.7076	5.0500e-003		0.0640	0.0640		0.0640	0.0640	0.0000	917.0570	917.0570	0.0176	0.0168	922.5067
NaturalGas Unmitigated	0.0927	0.8424	0.7076	5.0500e-003		0.0640	0.0640		0.0640	0.0640	0.0000	917.0570	917.0570	0.0176	0.0168	922.5067

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 Office Building	1.70205e+007	0.0918	0.8343	0.7008	5.0100e-003		0.0634	0.0634		0.0634	0.0634	0.0000	908.2787	908.2787	0.0174	0.0167	913.6761
Strip Mall	47000	2.5000e-004	2.3000e-003	1.9400e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5081	2.5081	5.0000e-005	5.0000e-005	2.5230
User Defined Recreational	117500	6.3000e-004	5.7600e-003	4.8400e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.2703	6.2703	1.2000e-004	1.1000e-004	6.3075
Total		**0.0927**	**0.8424**	**0.7076**	**5.0500e-003**		**0.0640**	**0.0640**		**0.0640**	**0.0640**	**0.0000**	**917.0571**	**917.0571**	**0.0176**	**0.0168**	**922.5067**

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					
General Office Building	1.70205e+007	0.0918	0.8343	0.7008	5.0100e-003		0.0634	0.0634		0.0634	0.0634	0.0000	908.2787	908.2787	0.0174	0.0167	913.6761
Strip Mall	47000	2.5000e-004	2.3000e-003	1.9400e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5081	2.5081	5.0000e-005	5.0000e-005	2.5230
User Defined Recreational	117500	6.3000e-004	5.7600e-003	4.8400e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.2703	6.2703	1.2000e-004	1.1000e-004	6.3075
Total		**0.0927**	**0.8424**	**0.7076**	**5.0500e-003**		**0.0640**	**0.0640**		**0.0640**	**0.0640**	**0.0000**	**917.0571**	**917.0571**	**0.0176**	**0.0168**	**922.5067**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	1.8039e+007	1,832.0288	0.2782	0.0409	1,851.1755
Strip Mall	207800	21.1040	3.2000e-003	4.7000e-004	21.3246
User Defined Recreational	519500	52.7601	8.0100e-003	1.1800e-003	53.3115
Total		**1,905.8929**	**0.2894**	**0.0426**	**1,925.8116**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	1.8039e+007	1,832.0288	0.2782	0.0409	1,851.1755
Strip Mall	207800	21.1040	3.2000e-003	4.7000e-004	21.3246
User Defined Recreational	519500	52.7601	8.0100e-003	1.1800e-003	53.3115
Total		**1,905.8929**	**0.2894**	**0.0426**	**1,925.8116**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.4270	9.0000e-005	9.8100e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0191	0.0191	5.0000e-005	0.0000	0.0204
Unmitigated	4.4270	9.0000e-005	9.8100e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0191	0.0191	5.0000e-005	0.0000	0.0204

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	0.0519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3742					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.0000e-004	9.0000e-005	9.8100e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0191	0.0191	5.0000e-005	0.0000	0.0204
Total	**4.4270**	**9.0000e-005**	**9.8100e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0191**	**0.0191**	**5.0000e-005**	**0.0000**	**0.0204**

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	0.0519					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3742					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.0000e-004	9.0000e-005	9.8100e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0191	0.0191	5.0000e-005	0.0000	0.0204
Total	**4.4270**	**9.0000e-005**	**9.8100e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0191**	**0.0191**	**5.0000e-005**	**0.0000**	**0.0204**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	204.0252	6.1512	0.1480	401.8948
Unmitigated	204.0252	6.1512	0.1480	401.8948

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	186.62 / 114.38	202.4183	6.1028	0.1468	398.7295
Strip Mall	1.48145 / 0.907986	1.6069	0.0485	1.1700e-003	3.1652
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**204.0252**	**6.1512**	**0.1480**	**401.8948**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
General Office Building	186.62 / 114.38	202.4183	6.1028	0.1468	398.7295
Strip Mall	1.48145 / 0.907986	1.6069	0.0485	1.1700e-003	3.1652
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**204.0252**	**6.1512**	**0.1480**	**401.8948**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	32.3974	1.9146	0.0000	80.2631
Unmitigated	202.4835	11.9664	0.0000	501.6443

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

General Office Building	976.5	198.2207	11.7145	0.0000	491.0833
Strip Mall	21	4.2628	0.2519	0.0000	10.5609
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**202.4835**	**11.9664**	**0.0000**	**501.6443**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	156.24	31.7153	1.8743	0.0000	78.5733
Strip Mall	3.36	0.6821	0.0403	0.0000	1.6898
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**32.3974**	**1.9146**	**0.0000**	**80.2631**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block E1.1

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	850.00	Dwelling Unit	1.50	697,000.00	2431
Strip Mall	3.00	1000sqft	0.20	3,000.00	0
Hotel	50.00	Room	0.30	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	235.8	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2025 completion year, RPS calculated carbon intensity

Land Use - 2.0 acres

Woodstoves - no wood or gas fireplaces or stoves

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24E	2.05	1.83
tblEnergyUse	T24NG	5,484.45	5,210.23
tblEnergyUse	T24NG	2.37	2.35
tblEnergyUse	T24NG	39.56	39.16
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	127.50	0.00
tblFireplaces	NumberNoFireplace	34.00	0.00
tblFireplaces	NumberWood	144.50	0.00
tblLandUse	LandUseSquareFeet	850,000.00	697,000.00
tblLandUse	LandUseSquareFeet	72,600.00	40,000.00
tblLandUse	LotAcreage	13.71	1.50
tblLandUse	LotAcreage	0.07	0.20
tblLandUse	LotAcreage	1.67	0.30
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	235.8
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	17.00	0.00
tblWoodstoves	NumberNoncatalytic	17.00	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00

tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	3.1250	0.0726	6.3059	3.3000e-004		0.0350	0.0350		0.0350	0.0350	0.0000	10.3104	10.3104	9.8700e-003	0.0000	10.5573
Energy	0.0479	0.4141	0.2120	2.6100e-003		0.0331	0.0331		0.0331	0.0331	0.0000	883.2554	883.2554	0.0682	0.0174	890.1352
Mobile	0.7697	3.0154	8.8514	0.0337	3.4368	0.0266	3.4633	0.9199	0.0247	0.9446	0.0000	3,092.7926	3,092.7926	0.0950	0.0000	3,095.1677
Waste						0.0000	0.0000		0.0000	0.0000	85.5668	0.0000	85.5668	5.0569	0.0000	211.9881
Water						0.0000	0.0000		0.0000	0.0000	18.0427	46.0879	64.1306	1.8598	0.0447	123.9565
Total	**3.9426**	**3.5022**	**15.3693**	**0.0367**	**3.4368**	**0.0946**	**3.5314**	**0.9199**	**0.0928**	**1.0126**	**103.6095**	**4,032.4463**	**4,136.0558**	**7.0897**	**0.0621**	**4,331.8048**

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	3.1250	0.0726	6.3059	3.3000e-004		0.0350	0.0350		0.0350	0.0350	0.0000	10.3104	10.3104	9.8700e-003	0.0000	10.5573
Energy	0.0479	0.4141	0.2120	2.6100e-003		0.0331	0.0331		0.0331	0.0331	0.0000	883.2554	883.2554	0.0682	0.0174	890.1352

Mobile	0.7697	3.0154	8.8514	0.0337	3.4368	0.0266	3.4633	0.9199	0.0247	0.9446	0.0000	3,092.7926	3,092.7926	0.0950	0.0000	3,095.1677
Waste						0.0000	0.0000		0.0000	0.0000	13.6907	0.0000	13.6907	0.8091	0.0000	33.9181
Water						0.0000	0.0000		0.0000	0.0000	18.0427	46.0879	64.1306	1.8598	0.0447	123.9565
Total	**3.9426**	**3.5022**	**15.3693**	**0.0367**	**3.4368**	**0.0946**	**3.5314**	**0.9199**	**0.0928**	**1.0126**	**31.7334**	**4,032.4463**	**4,064.1797**	**2.8419**	**0.0621**	**4,153.7348**

	ROG	NOx	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**	**69.37**	**0.00**	**1.74**	**59.91**	**0.00**	**4.11**

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	409.7105	409.7105	0.0591	8.6900e-003	413.7763
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	409.7105	409.7105	0.0591	8.6900e-003	413.7763
NaturalGas Mitigated	0.0479	0.4141	0.2120	2.6100e-003		0.0331	0.0331		0.0331	0.0331	0.0000	473.5449	473.5449	9.0800e-003	8.6800e-003	476.3589
NaturalGas Unmitigated	0.0479	0.4141	0.2120	2.6100e-003		0.0331	0.0331		0.0331	0.0331	0.0000	473.5449	473.5449	9.0800e-003	8.6800e-003	476.3589

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 High Rise	7.11045e+006	0.0383	0.3276	0.1394	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	379.4405	379.4405	7.2700e-003	6.9600e-003	381.6953
Hotel	1.7564e+006	9.4700e-003	0.0861	0.0723	5.2000e-004		6.5400e-003	6.5400e-003		6.5400e-003	6.5400e-003	0.0000	93.7282	93.7282	1.8000e-003	1.7200e-003	94.2852
Strip Mall	7050	4.0000e-005	3.5000e-004	2.9000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3762	0.3762	1.0000e-005	1.0000e-005	0.3785
Total		**0.0479**	**0.4141**	**0.2120**	**2.6100e-003**		**0.0331**	**0.0331**		**0.0331**	**0.0331**	**0.0000**	**473.5449**	**473.5449**	**9.0800e-003**	**8.6900e-003**	**476.3589**

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 High Rise	7.11045e+006	0.0383	0.3276	0.1394	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	379.4405	379.4405	7.2700e-003	6.9600e-003	381.6953
Hotel	1.7564e+006	9.4700e-003	0.0861	0.0723	5.2000e-004		6.5400e-003	6.5400e-003		6.5400e-003	6.5400e-003	0.0000	93.7282	93.7282	1.8000e-003	1.7200e-003	94.2852
Strip Mall	7050	4.0000e-005	3.5000e-004	2.9000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3762	0.3762	1.0000e-005	1.0000e-005	0.3785
Total		**0.0479**	**0.4141**	**0.2120**	**2.6100e-003**		**0.0331**	**0.0331**		**0.0331**	**0.0331**	**0.0000**	**473.5449**	**473.5449**	**9.0800e-003**	**8.6900e-003**	**476.3589**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e

Land Use	kWh/yr	MT/yr			
Apartments High Rise	3.50344e+006	374.7173	0.0540	7.9500e-003	378.4359
Hotel	296000	31.6593	4.5600e-003	6.7000e-004	31.9735
Strip Mall	31170	3.3339	4.8000e-004	7.0000e-005	3.3669
Total		**409.7105**	**0.0591**	**8.6900e-003**	**413.7763**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	3.50344e+006	374.7173	0.0540	7.9500e-003	378.4359
Hotel	296000	31.6593	4.5600e-003	6.7000e-004	31.9735
Strip Mall	31170	3.3339	4.8000e-004	7.0000e-005	3.3669
Total		**409.7105**	**0.0591**	**8.6900e-003**	**413.7763**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1250	0.0726	6.3059	3.3000e-004		0.0350	0.0350		0.0350	0.0350	0.0000	10.3104	10.3104	9.8700e-003	0.0000	10.5573
Unmitigated	3.1250	0.0726	6.3059	3.3000e-004		0.0350	0.0350		0.0350	0.0350	0.0000	10.3104	10.3104	9.8700e-003	0.0000	10.5573

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	0.0456					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8901					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1894	0.0726	6.3059	3.3000e-004		0.0350	0.0350		0.0350	0.0350	0.0000	10.3104	10.3104	9.8700e-003	0.0000	10.5573
Total	**3.1250**	**0.0726**	**6.3059**	**3.3000e-004**		**0.0350**	**0.0350**		**0.0350**	**0.0350**	**0.0000**	**10.3104**	**10.3104**	**9.8700e-003**	**0.0000**	**10.5573**

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	0.0456					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8901					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1894	0.0726	6.3059	3.3000e-004		0.0350	0.0350		0.0350	0.0350	0.0000	10.3104	10.3104	9.8700e-003	0.0000	10.5573
Total	**3.1250**	**0.0726**	**6.3059**	**3.3000e-004**		**0.0350**	**0.0350**		**0.0350**	**0.0350**	**0.0000**	**10.3104**	**10.3104**	**9.8700e-003**	**0.0000**	**10.5573**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	64.1306	1.8598	0.0447	123.9565
Unmitigated	64.1306	1.8598	0.0447	123.9565

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
Apartments High Rise	55.3809 / 34.9141	62.6913	1.8111	0.0436	120.9516
Hotel	1.26834 / 0.140927	1.1892	0.0414	9.9000e-004	2.5210
Strip Mall	0.222218 / 0.136198	0.2501	7.2700e-003	1.7000e-004	0.4839
Total		**64.1306**	**1.8598**	**0.0447**	**123.9565**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	55.3809 / 34.9141	62.6913	1.8111	0.0436	120.9516
Hotel	1.26834 / 0.140927	1.1892	0.0414	9.9000e-004	2.5210
Strip Mall	0.222218 / 0.136198	0.2501	7.2700e-003	1.7000e-004	0.4839
Total		**64.1306**	**1.8598**	**0.0447**	**123.9565**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e

	MT/yr			
Mitigated	13.6907	0.8091	0.0000	33.9181
Unmitigated	85.5668	5.0569	0.0000	211.9881

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	391	79.3695	4.6906	0.0000	196.6345
Hotel	27.38	5.5579	0.3285	0.0000	13.7694
Strip Mall	3.15	0.6394	0.0378	0.0000	1.5841
Total		**85.5668**	**5.0569**	**0.0000**	**211.9881**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	62.56	12.6991	0.7505	0.0000	31.4615
Hotel	4.3808	0.8893	0.0526	0.0000	2.2031
Strip Mall	0.504	0.1023	6.0500e-003	0.0000	0.2535

Total		13.6907	0.8091	0.0000	33.9181

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

E block Pavilion - Santa Clara County, Annual

E block Pavilion

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	3.50	1000sqft	0.10	3,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	223.9	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2026 completion year, RPS calculated carbon intensity

Land Use - 0.1 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	0.08	0.10
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	223.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Energy	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	4.1321	4.1321	5.7000e-004	9.0000e-005	4.1733
Mobile	0.0226	0.0865	0.2214	8.0000e-004	0.0813	6.5000e-004	0.0820	0.0218	6.0000e-004	0.0224	0.0000	73.5467	73.5467	2.4000e-003	0.0000	73.6067
Waste						0.0000	0.0000		0.0000	0.0000	0.7470	0.0000	0.7470	0.0442	0.0000	1.8507
Water						0.0000	0.0000		0.0000	0.0000	0.0823	0.1990	0.2812	8.4800e-003	2.0000e-004	0.5539
Total	**0.0365**	**0.0869**	**0.2218**	**8.0000e-004**	**0.0813**	**6.8000e-004**	**0.0820**	**0.0218**	**6.3000e-004**	**0.0224**	**0.8293**	**77.8779**	**78.7071**	**0.0556**	**2.9000e-004**	**80.1847**

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	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Energy	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	4.1321	4.1321	5.7000e-004	9.0000e-005	4.1733
Mobile	0.0226	0.0865	0.2214	8.0000e-004	0.0813	6.5000e-004	0.0820	0.0218	6.0000e-004	0.0224	0.0000	73.5467	73.5467	2.4000e-003	0.0000	73.6067
Waste						0.0000	0.0000		0.0000	0.0000	0.1195	0.0000	0.1195	7.0600e-003	0.0000	0.2961
Water						0.0000	0.0000		0.0000	0.0000	0.0823	0.1990	0.2812	8.4800e-003	2.0000e-004	0.5539
Total	**0.0365**	**0.0869**	**0.2218**	**8.0000e-004**	**0.0813**	**6.8000e-004**	**0.0820**	**0.0218**	**6.3000e-004**	**0.0224**	**0.2018**	**77.8779**	**78.0796**	**0.0185**	**2.9000e-004**	**78.6302**

	ROG	NOx	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**	**75.67**	**0.00**	**0.80**	**66.71**	**0.00**	**1.94**

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	3.6932	3.6932	5.6000e-004	8.0000e-005	3.7318
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3.6932	3.6932	5.6000e-004	8.0000e-005	3.7318
NaturalGas Mitigated	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415
NaturalGas Unmitigated	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415

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					
Strip Mall	8225	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415
Total		**4.0000e-005**	**4.0000e-004**	**3.4000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.4389**	**0.4389**	**1.0000e-005**	**1.0000e-005**	**0.4415**

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					
Strip Mall	8225	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415
Total		**4.0000e-005**	**4.0000e-004**	**3.4000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.4389**	**0.4389**	**1.0000e-005**	**1.0000e-005**	**0.4415**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	36365	3.6932	5.6000e-004	8.0000e-005	3.7318
Total		**3.6932**	**5.6000e-004**	**8.0000e-005**	**3.7318**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	36365	3.6932	5.6000e-004	8.0000e-005	3.7318
Total		**3.6932**	**5.6000e-004**	**8.0000e-005**	**3.7318**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Unmitigated	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005

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	1.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**0.0138**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

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	1.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**0.0138**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.2812	8.4800e-003	2.0000e-004	0.5539
Unmitigated	0.2812	8.4800e-003	2.0000e-004	0.5539

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	0.259254 / 0.158898	0.2812	8.4800e-003	2.0000e-004	0.5539
Total		**0.2812**	**8.4800e-003**	**2.0000e-004**	**0.5539**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	0.259254 / 0.158898	0.2812	8.4800e-003	2.0000e-004	0.5539
Total		**0.2812**	**8.4800e-003**	**2.0000e-004**	**0.5539**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.1195	7.0600e-003	0.0000	0.2961

Unmitigated	0.7470	0.0442	0.0000	1.8507

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	3.68	0.7470	0.0442	0.0000	1.8507
Total		**0.7470**	**0.0442**	**0.0000**	**1.8507**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	0.5888	0.1195	7.0600e-003	0.0000	0.2961
Total		**0.1195**	**7.0600e-003**	**0.0000**	**0.2961**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block D5

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	22.50	1000sqft	0.30	22,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	235.8	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2025 completion year, RPS calculated carbon intensity

Land Use - 0.3 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	0.52	0.30
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	235.8
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.0889	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.3000e-004
Energy	2.9000e-004	2.5900e-003	2.1800e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	27.8255	27.8255	3.6600e-003	5.8000e-004	28.0904
Mobile	0.1529	0.5712	1.5059	5.3000e-003	0.5228	4.3100e-003	0.5271	0.1399	4.0100e-003	0.1439	0.0000	486.6714	486.6714	0.0161	0.0000	487.0742
Waste						0.0000	0.0000		0.0000	0.0000	4.7967	0.0000	4.7967	0.2835	0.0000	11.8836
Water						0.0000	0.0000		0.0000	0.0000	0.5288	1.3470	1.8757	0.0545	1.3100e-003	3.6289
Total	**0.2421**	**0.5737**	**1.5083**	**5.3200e-003**	**0.5228**	**4.5100e-003**	**0.5273**	**0.1399**	**4.2100e-003**	**0.1441**	**5.3254**	**515.8442**	**521.1696**	**0.3578**	**1.8900e-003**	**530.6775**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0889	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.3000e-004
Energy	2.9000e-004	2.5900e-003	2.1800e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	27.8255	27.8255	3.6600e-003	5.8000e-004	28.0904
Mobile	0.1529	0.5712	1.5059	5.3000e-003	0.5228	4.3100e-003	0.5271	0.1399	4.0100e-003	0.1439	0.0000	486.6714	486.6714	0.0161	0.0000	487.0742
Waste						0.0000	0.0000		0.0000	0.0000	0.7675	0.0000	0.7675	0.0454	0.0000	1.9014
Water						0.0000	0.0000		0.0000	0.0000	0.5288	1.3470	1.8757	0.0545	1.3100e-003	3.6289
Total	**0.2421**	**0.5737**	**1.5083**	**5.3200e-003**	**0.5228**	**4.5100e-003**	**0.5273**	**0.1399**	**4.2100e-003**	**0.1441**	**1.2962**	**515.8442**	**517.1404**	**0.1196**	**1.8900e-003**	**520.6953**

	ROG	NOx	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**	**75.66**	**0.00**	**0.77**	**66.56**	**0.00**	**1.88**

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	25.0039	25.0039	3.6100e-003	5.3000e-004	25.2520
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	25.0039	25.0039	3.6100e-003	5.3000e-004	25.2520
NaturalGas Mitigated	2.9000e-004	2.5900e-003	2.1800e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8216	2.8216	5.0000e-005	5.0000e-005	2.8384
NaturalGas Unmitigated	2.9000e-004	2.5900e-003	2.1800e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8216	2.8216	5.0000e-005	5.0000e-005	2.8384

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					
Strip Mall	52875	2.9000e-004	2.5900e-003	2.1800e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8216	2.8216	5.0000e-005	5.0000e-005	2.8384
Total		**2.9000e-004**	**2.5900e-003**	**2.1800e-003**	**2.0000e-005**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**2.8216**	**2.8216**	**5.0000e-005**	**5.0000e-005**	**2.8384**

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					
Strip Mall	52875	2.9000e-004	2.5900e-003	2.1800e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8216	2.8216	5.0000e-005	5.0000e-005	2.8384
Total		**2.9000e-004**	**2.5900e-003**	**2.1800e-003**	**2.0000e-005**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**2.8216**	**2.8216**	**5.0000e-005**	**5.0000e-005**	**2.8384**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	233775	25.0039	3.6100e-003	5.3000e-004	25.2520
Total		**25.0039**	**3.6100e-003**	**5.3000e-004**	**25.2520**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	233775	25.0039	3.6100e-003	5.3000e-004	25.2520
Total		**25.0039**	**3.6100e-003**	**5.3000e-004**	**25.2520**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0889	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.3000e-004
Unmitigated	0.0889	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.3000e-004

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	1.0400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.3000e-004
Total	**0.0889**	**0.0000**	**2.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**4.0000e-004**	**4.0000e-004**	**0.0000**	**0.0000**	**4.3000e-004**

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	1.0400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.3000e-004
Total	**0.0889**	**0.0000**	**2.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**4.0000e-004**	**4.0000e-004**	**0.0000**	**0.0000**	**4.3000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1.8757	0.0545	1.3100e-003	3.6289
Unmitigated	1.8757	0.0545	1.3100e-003	3.6289

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	1.66663 / 1.02148	1.8757	0.0545	1.3100e-003	3.6289
Total		**1.8757**	**0.0545**	**1.3100e-003**	**3.6289**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	1.66663 / 1.02148	1.8757	0.0545	1.3100e-003	3.6289
Total		**1.8757**	**0.0545**	**1.3100e-003**	**3.6289**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.7675	0.0454	0.0000	1.9014

Unmitigated	4.7967	0.2835	0.0000	11.8836

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	23.63	4.7967	0.2835	0.0000	11.8836
Total		**4.7967**	**0.2835**	**0.0000**	**11.8836**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	3.7808	0.7675	0.0454	0.0000	1.9014
Total		**0.7675**	**0.0454**	**0.0000**	**1.9014**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

40 S Montgomery

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	11.70	1000sqft	0.20	11,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	235.8	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2025 completion year, RPS calculated carbon intensity

Land Use - 0.2 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	0.27	0.20
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	235.8
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.0463	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Energy	1.5000e-004	1.3500e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	14.4693	14.4693	1.9000e-003	3.0000e-004	14.6070
Mobile	0.0795	0.2970	0.7831	2.7600e-003	0.2719	2.2400e-003	0.2741	0.0728	2.0800e-003	0.0749	0.0000	253.0691	253.0691	8.3800e-003	0.0000	253.2786
Waste						0.0000	0.0000		0.0000	0.0000	2.4948	0.0000	2.4948	0.1474	0.0000	6.1807
Water						0.0000	0.0000		0.0000	0.0000	0.2750	0.7004	0.9754	0.0283	6.8000e-004	1.8870
Total	**0.1259**	**0.2984**	**0.7843**	**2.7700e-003**	**0.2719**	**2.3400e-003**	**0.2742**	**0.0728**	**2.1800e-003**	**0.0750**	**2.7697**	**268.2390**	**271.0087**	**0.1861**	**9.8000e-004**	**275.9535**

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	0.0463	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Energy	1.5000e-004	1.3500e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	14.4693	14.4693	1.9000e-003	3.0000e-004	14.6070
Mobile	0.0795	0.2970	0.7831	2.7600e-003	0.2719	2.2400e-003	0.2741	0.0728	2.0800e-003	0.0749	0.0000	253.0691	253.0691	8.3800e-003	0.0000	253.2786
Waste						0.0000	0.0000		0.0000	0.0000	0.3992	0.0000	0.3992	0.0236	0.0000	0.9889
Water						0.0000	0.0000		0.0000	0.0000	0.2750	0.7004	0.9754	0.0283	6.8000e-004	1.8870
Total	**0.1259**	**0.2984**	**0.7843**	**2.7700e-003**	**0.2719**	**2.3400e-003**	**0.2742**	**0.0728**	**2.1800e-003**	**0.0750**	**0.6741**	**268.2390**	**268.9131**	**0.0622**	**9.8000e-004**	**270.7617**

	ROG	NOx	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**	**75.66**	**0.00**	**0.77**	**66.56**	**0.00**	**1.88**

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	13.0020	13.0020	1.8700e-003	2.8000e-004	13.1311
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	13.0020	13.0020	1.8700e-003	2.8000e-004	13.1311
NaturalGas Mitigated	1.5000e-004	1.3500e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4672	1.4672	3.0000e-005	3.0000e-005	1.4760
NaturalGas Unmitigated	1.5000e-004	1.3500e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4672	1.4672	3.0000e-005	3.0000e-005	1.4760

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					
Strip Mall	27495	1.5000e-004	1.3500e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4672	1.4672	3.0000e-005	3.0000e-005	1.4760
Total		**1.5000e-004**	**1.3500e-003**	**1.1300e-003**	**1.0000e-005**		**1.0000e-004**	**1.0000e-004**		**1.0000e-004**	**1.0000e-004**	**0.0000**	**1.4672**	**1.4672**	**3.0000e-005**	**3.0000e-005**	**1.4760**

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					
Strip Mall	27495	1.5000e-004	1.3500e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4672	1.4672	3.0000e-005	3.0000e-005	1.4760
Total		**1.5000e-004**	**1.3500e-003**	**1.1300e-003**	**1.0000e-005**		**1.0000e-004**	**1.0000e-004**		**1.0000e-004**	**1.0000e-004**	**0.0000**	**1.4672**	**1.4672**	**3.0000e-005**	**3.0000e-005**	**1.4760**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	121563	13.0020	1.8700e-003	2.8000e-004	13.1311
Total		**13.0020**	**1.8700e-003**	**2.8000e-004**	**13.1311**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	121563	13.0020	1.8700e-003	2.8000e-004	13.1311
Total		**13.0020**	**1.8700e-003**	**2.8000e-004**	**13.1311**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0463	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Unmitigated	0.0463	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004

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	5.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0457					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Total	**0.0462**	**0.0000**	**1.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**0.0000**	**2.2000e-004**

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	5.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0457					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Total	**0.0462**	**0.0000**	**1.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**0.0000**	**2.2000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.9754	0.0283	6.8000e-004	1.8870
Unmitigated	0.9754	0.0283	6.8000e-004	1.8870

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	0.866649 / 0.531172	0.9754	0.0283	6.8000e-004	1.8870
Total		**0.9754**	**0.0283**	**6.8000e-004**	**1.8870**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	0.866649 / 0.531172	0.9754	0.0283	6.8000e-004	1.8870
Total		**0.9754**	**0.0283**	**6.8000e-004**	**1.8870**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.3992	0.0236	0.0000	0.9889

Unmitigated	2.4948	0.1474	0.0000	6.1807

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	12.29	2.4948	0.1474	0.0000	6.1807
Total		**2.4948**	**0.1474**	**0.0000**	**6.1807**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	1.9664	0.3992	0.0236	0.0000	0.9889
Total		**0.3992**	**0.0236**	**0.0000**	**0.9889**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block D6

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	34.00	1000sqft	0.30	34,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	235.8	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2025 completion year, RPS calculated carbon intensity

Land Use - 0.3 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	0.78	0.30
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	235.8
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.1344	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Energy	4.3000e-004	3.9200e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	42.0474	42.0474	5.5300e-003	8.8000e-004	42.4477
Mobile	0.2310	0.8631	2.2756	8.0100e-003	0.7900	6.5100e-003	0.7966	0.2115	6.0600e-003	0.2175	0.0000	735.4145	735.4145	0.0244	0.0000	736.0233
Waste						0.0000	0.0000		0.0000	0.0000	7.2468	0.0000	7.2468	0.4283	0.0000	17.9536
Water						0.0000	0.0000		0.0000	0.0000	0.7990	2.0354	2.8344	0.0824	1.9800e-003	5.4836
Total	**0.3658**	**0.8670**	**2.2792**	**8.0300e-003**	**0.7900**	**6.8100e-003**	**0.7969**	**0.2115**	**6.3600e-003**	**0.2178**	**8.0458**	**779.4979**	**787.5437**	**0.5405**	**2.8600e-003**	**801.9088**

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	0.1344	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Energy	4.3000e-004	3.9200e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	42.0474	42.0474	5.5300e-003	8.8000e-004	42.4477
Mobile	0.2310	0.8631	2.2756	8.0100e-003	0.7900	6.5100e-003	0.7966	0.2115	6.0600e-003	0.2175	0.0000	735.4145	735.4145	0.0244	0.0000	736.0233
Waste						0.0000	0.0000		0.0000	0.0000	1.1595	0.0000	1.1595	0.0685	0.0000	2.8726
Water						0.0000	0.0000		0.0000	0.0000	0.7990	2.0354	2.8344	0.0824	1.9800e-003	5.4836
Total	**0.3658**	**0.8670**	**2.2792**	**8.0300e-003**	**0.7900**	**6.8100e-003**	**0.7969**	**0.2115**	**6.3600e-003**	**0.2178**	**1.9585**	**779.4979**	**781.4564**	**0.1808**	**2.8600e-003**	**786.8278**

	ROG	NOx	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**	**75.66**	**0.00**	**0.77**	**66.56**	**0.00**	**1.88**

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	37.7837	37.7837	5.4500e-003	8.0000e-004	38.1586
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	37.7837	37.7837	5.4500e-003	8.0000e-004	38.1586
NaturalGas Mitigated	4.3000e-004	3.9200e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	4.2638	4.2638	8.0000e-005	8.0000e-005	4.2891
NaturalGas Unmitigated	4.3000e-004	3.9200e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	4.2638	4.2638	8.0000e-005	8.0000e-005	4.2891

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					
Strip Mall	79900	4.3000e-004	3.9200e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	4.2638	4.2638	8.0000e-005	8.0000e-005	4.2891
Total		**4.3000e-004**	**3.9200e-003**	**3.2900e-003**	**2.0000e-005**		**3.0000e-004**	**3.0000e-004**		**3.0000e-004**	**3.0000e-004**	**0.0000**	**4.2638**	**4.2638**	**8.0000e-005**	**8.0000e-005**	**4.2891**

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					
Strip Mall	79900	4.3000e-004	3.9200e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	4.2638	4.2638	8.0000e-005	8.0000e-005	4.2891
Total		**4.3000e-004**	**3.9200e-003**	**3.2900e-003**	**2.0000e-005**		**3.0000e-004**	**3.0000e-004**		**3.0000e-004**	**3.0000e-004**	**0.0000**	**4.2638**	**4.2638**	**8.0000e-005**	**8.0000e-005**	**4.2891**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	353260	37.7837	5.4500e-003	8.0000e-004	38.1586
Total		**37.7837**	**5.4500e-003**	**8.0000e-004**	**38.1586**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	353260	37.7837	5.4500e-003	8.0000e-004	38.1586
Total		**37.7837**	**5.4500e-003**	**8.0000e-004**	**38.1586**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1344	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Unmitigated	0.1344	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004

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	1.5800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1328					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Total	**0.1344**	**0.0000**	**3.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**0.0000**	**0.0000**	**6.5000e-004**

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	1.5800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1328					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Total	**0.1344**	**0.0000**	**3.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**0.0000**	**0.0000**	**6.5000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2.8344	0.0824	1.9800e-003	5.4836
Unmitigated	2.8344	0.0824	1.9800e-003	5.4836

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	2.51847 / 1.54358	2.8344	0.0824	1.9800e-003	5.4836
Total		**2.8344**	**0.0824**	**1.9800e-003**	**5.4836**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	2.51847 / 1.54358	2.8344	0.0824	1.9800e-003	5.4836
Total		**2.8344**	**0.0824**	**1.9800e-003**	**5.4836**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.1595	0.0685	0.0000	2.8726

Unmitigated	7.2468	0.4283	0.0000	17.9536

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	35.7	7.2468	0.4283	0.0000	17.9536
Total		**7.2468**	**0.4283**	**0.0000**	**17.9536**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	5.712	1.1595	0.0685	0.0000	2.8726
Total		**1.1595**	**0.0685**	**0.0000**	**2.8726**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

374 W Santa Clara - Santa Clara County, Annual

374 W Santa Clara

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	18.00	1000sqft	0.20	18,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	212	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2027 completion year, RPS calculated carbon intensity

Land Use - 0.2 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	0.41	0.20
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	212
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.0712	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.4000e-004
Energy	2.3000e-004	2.0700e-003	1.7400e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	20.2414	20.2414	2.9300e-003	4.7000e-004	20.4534
Mobile	0.1106	0.4337	1.0806	4.0100e-003	0.4182	3.1800e-003	0.4214	0.1119	2.9500e-003	0.1149	0.0000	368.3299	368.3299	0.0119	0.0000	368.6261
Waste						0.0000	0.0000		0.0000	0.0000	3.8365	0.0000	3.8365	0.2267	0.0000	9.5048
Water						0.0000	0.0000		0.0000	0.0000	0.4230	0.9688	1.3918	0.0436	1.0500e-003	2.7943
Total	**0.1820**	**0.4358**	**1.0825**	**4.0200e-003**	**0.4182**	**3.3400e-003**	**0.4216**	**0.1119**	**3.1100e-003**	**0.1151**	**4.2595**	**389.5405**	**393.8000**	**0.2851**	**1.5200e-003**	**401.3789**

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	0.0712	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.4000e-004
Energy	2.3000e-004	2.0700e-003	1.7400e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	20.2414	20.2414	2.9300e-003	4.7000e-004	20.4534
Mobile	0.1106	0.4337	1.0806	4.0100e-003	0.4182	3.1800e-003	0.4214	0.1119	2.9500e-003	0.1149	0.0000	368.3299	368.3299	0.0119	0.0000	368.6261
Waste						0.0000	0.0000		0.0000	0.0000	0.6138	0.0000	0.6138	0.0363	0.0000	1.5208
Water						0.0000	0.0000		0.0000	0.0000	0.4230	0.9688	1.3918	0.0436	1.0500e-003	2.7943
Total	**0.1820**	**0.4358**	**1.0825**	**4.0200e-003**	**0.4182**	**3.3400e-003**	**0.4216**	**0.1119**	**3.1100e-003**	**0.1151**	**1.0368**	**389.5405**	**390.5773**	**0.0947**	**1.5200e-003**	**393.3948**

	ROG	NOx	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**	**75.66**	**0.00**	**0.82**	**66.80**	**0.00**	**1.99**

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	17.9841	17.9841	2.8800e-003	4.2000e-004	18.1826
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	17.9841	17.9841	2.8800e-003	4.2000e-004	18.1826
NaturalGas Mitigated	2.3000e-004	2.0700e-003	1.7400e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2573	2.2573	4.0000e-005	4.0000e-005	2.2707
NaturalGas Unmitigated	2.3000e-004	2.0700e-003	1.7400e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2573	2.2573	4.0000e-005	4.0000e-005	2.2707

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					
Strip Mall	42300	2.3000e-004	2.0700e-003	1.7400e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2573	2.2573	4.0000e-005	4.0000e-005	2.2707
Total		**2.3000e-004**	**2.0700e-003**	**1.7400e-003**	**1.0000e-005**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**	**0.0000**	**2.2573**	**2.2573**	**4.0000e-005**	**4.0000e-005**	**2.2707**

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					
Strip Mall	42300	2.3000e-004	2.0700e-003	1.7400e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2573	2.2573	4.0000e-005	4.0000e-005	2.2707
Total		**2.3000e-004**	**2.0700e-003**	**1.7400e-003**	**1.0000e-005**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**	**0.0000**	**2.2573**	**2.2573**	**4.0000e-005**	**4.0000e-005**	**2.2707**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	187020	17.9841	2.8800e-003	4.2000e-004	18.1826
Total		**17.9841**	**2.8800e-003**	**4.2000e-004**	**18.1826**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	187020	17.9841	2.8800e-003	4.2000e-004	18.1826
Total		**17.9841**	**2.8800e-003**	**4.2000e-004**	**18.1826**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0712	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.4000e-004
Unmitigated	0.0712	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.4000e-004

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	8.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0703					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.4000e-004
Total	**0.0712**	**0.0000**	**1.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.2000e-004**	**3.2000e-004**	**0.0000**	**0.0000**	**3.4000e-004**

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	8.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0703					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	1.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.4000e-004
Total	**0.0712**	**0.0000**	**1.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.2000e-004**	**3.2000e-004**	**0.0000**	**0.0000**	**3.4000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1.3918	0.0436	1.0500e-003	2.7943
Unmitigated	1.3918	0.0436	1.0500e-003	2.7943

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	1.33331 / 0.817187	1.3918	0.0436	1.0500e-003	2.7943
Total		**1.3918**	**0.0436**	**1.0500e-003**	**2.7943**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	1.33331 / 0.817187	1.3918	0.0436	1.0500e-003	2.7943
Total		**1.3918**	**0.0436**	**1.0500e-003**	**2.7943**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.6138	0.0363	0.0000	1.5208

Unmitigated	3.8365	0.2267	0.0000	9.5048

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	18.9	3.8365	0.2267	0.0000	9.5048
Total		**3.8365**	**0.2267**	**0.0000**	**9.5048**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	3.024	0.6138	0.0363	0.0000	1.5208
Total		**0.6138**	**0.0363**	**0.0000**	**1.5208**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

D8-D13 and Autumn pavilion

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	61.40	1000sqft	0.80	61,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	212	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2027 completion year, RPS calculated carbon intensity

Land Use - 0.8 acres

Woodstoves -

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	1.41	0.80
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	212
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.2427	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Energy	7.8000e-004	7.0700e-003	5.9400e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	69.0458	69.0458	9.9900e-003	1.5900e-003	69.7686
Mobile	0.3772	1.4795	3.6861	0.0137	1.4267	0.0109	1.4375	0.3818	0.0101	0.3919	0.0000	1,256.4142	1,256.4142	0.0404	0.0000	1,257.4244
Waste						0.0000	0.0000		0.0000	0.0000	13.0868	0.0000	13.0868	0.7734	0.0000	32.4221
Water						0.0000	0.0000		0.0000	0.0000	1.4429	3.3047	4.7476	0.1487	3.5800e-003	9.5318
Total	**0.6206**	**1.4866**	**3.6926**	**0.0137**	**1.4267**	**0.0114**	**1.4381**	**0.3818**	**0.0106**	**0.3925**	**14.5297**	**1,328.7657**	**1,343.2955**	**0.9725**	**5.1700e-003**	**1,369.1481**

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	0.2427	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Energy	7.8000e-004	7.0700e-003	5.9400e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	69.0458	69.0458	9.9900e-003	1.5900e-003	69.7686
Mobile	0.3772	1.4795	3.6861	0.0137	1.4267	0.0109	1.4375	0.3818	0.0101	0.3919	0.0000	1,256.4142	1,256.4142	0.0404	0.0000	1,257.4244
Waste						0.0000	0.0000		0.0000	0.0000	2.0939	0.0000	2.0939	0.1238	0.0000	5.1875
Water						0.0000	0.0000		0.0000	0.0000	1.4429	3.3047	4.7476	0.1487	3.5800e-003	9.5318
Total	**0.6206**	**1.4866**	**3.6926**	**0.0137**	**1.4267**	**0.0114**	**1.4381**	**0.3818**	**0.0106**	**0.3925**	**3.5368**	**1,328.7657**	**1,332.3025**	**0.3229**	**5.1700e-003**	**1,341.9135**

	ROG	NOx	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**	**75.66**	**0.00**	**0.82**	**66.80**	**0.00**	**1.99**

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	61.3459	61.3459	9.8400e-003	1.4500e-003	62.0230
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	61.3459	61.3459	9.8400e-003	1.4500e-003	62.0230
NaturalGas Mitigated	7.8000e-004	7.0700e-003	5.9400e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	7.6999	7.6999	1.5000e-004	1.4000e-004	7.7456
NaturalGas Unmitigated	7.8000e-004	7.0700e-003	5.9400e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	7.6999	7.6999	1.5000e-004	1.4000e-004	7.7456

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					
Strip Mall	144290	7.8000e-004	7.0700e-003	5.9400e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	7.6999	7.6999	1.5000e-004	1.4000e-004	7.7456
Total		**7.8000e-004**	**7.0700e-003**	**5.9400e-003**	**4.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**7.6999**	**7.6999**	**1.5000e-004**	**1.4000e-004**	**7.7456**

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					
Strip Mall	144290	7.8000e-004	7.0700e-003	5.9400e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	7.6999	7.6999	1.5000e-004	1.4000e-004	7.7456
Total		**7.8000e-004**	**7.0700e-003**	**5.9400e-003**	**4.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**7.6999**	**7.6999**	**1.5000e-004**	**1.4000e-004**	**7.7456**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	637946	61.3459	9.8400e-003	1.4500e-003	62.0230
Total		**61.3459**	**9.8400e-003**	**1.4500e-003**	**62.0230**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	637946	61.3459	9.8400e-003	1.4500e-003	62.0230
Total		**61.3459**	**9.8400e-003**	**1.4500e-003**	**62.0230**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2427	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Unmitigated	0.2427	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003

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	2.8500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2398					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Total	**0.2427**	**1.0000e-005**	**5.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-003**	**1.1000e-003**	**0.0000**	**0.0000**	**1.1700e-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	2.8500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2398					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Total	**0.2427**	**1.0000e-005**	**5.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-003**	**1.1000e-003**	**0.0000**	**0.0000**	**1.1700e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4.7476	0.1487	3.5800e-003	9.5318
Unmitigated	4.7476	0.1487	3.5800e-003	9.5318

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	4.54805 / 2.78752	4.7476	0.1487	3.5800e-003	9.5318
Total		**4.7476**	**0.1487**	**3.5800e-003**	**9.5318**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	4.54805 / 2.78752	4.7476	0.1487	3.5800e-003	9.5318
Total		**4.7476**	**0.1487**	**3.5800e-003**	**9.5318**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.0939	0.1238	0.0000	5.1875

Unmitigated	13.0868	0.7734	0.0000	32.4221

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	64.47	13.0868	0.7734	0.0000	32.4221
Total		**13.0868**	**0.7734**	**0.0000**	**32.4221**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	10.3152	2.0939	0.1238	0.0000	5.1875
Total		**2.0939**	**0.1238**	**0.0000**	**5.1875**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block H1 - Santa Clara County, Annual

Block H1

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	430.00	Dwelling Unit	1.00	352,600.00	1230
Strip Mall	6.50	1000sqft	0.10	6,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	223.9	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2026 completion year, RPS calculated carbon intensity

Land Use - 1.1 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value

tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24NG	2.37	2.35
tblEnergyUse	T24NG	5,484.45	5,210.23
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	64.50	0.00
tblFireplaces	NumberNoFireplace	17.20	0.00
tblFireplaces	NumberWood	73.10	0.00
tblLandUse	LandUseSquareFeet	430,000.00	352,600.00
tblLandUse	LotAcreage	6.94	1.00
tblLandUse	LotAcreage	0.15	0.10
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	223.9
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	8.60	0.00
tblWoodstoves	NumberNoncatalytic	8.60	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	1.5206	0.0367	3.1898	1.7000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	5.2155	5.2155	4.9900e-003	0.0000	5.3404
Energy	0.0195	0.1665	0.0712	1.0600e-003		0.0135	0.0135		0.0135	0.0135	0.0000	379.6225	379.6225	0.0321	7.7100e-003	382.7209
Mobile	0.3690	1.4701	4.1944	0.0163	1.7140	0.0128	1.7268	0.4587	0.0119	0.4707	0.0000	1,499.5961	1,499.5961	0.0456	0.0000	1,500.7360
Waste						0.0000	0.0000		0.0000	0.0000	41.5380	0.0000	41.5380	2.4548	0.0000	102.9087
Water						0.0000	0.0000		0.0000	0.0000	9.0410	22.0437	31.0847	0.9320	0.0224	61.0640
Total	**1.9091**	**1.6734**	**7.4554**	**0.0176**	**1.7140**	**0.0440**	**1.7580**	**0.4587**	**0.0431**	**0.5018**	**50.5791**	**1,906.4778**	**1,957.0569**	**3.4694**	**0.0301**	**2,052.7699**

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	1.5206	0.0367	3.1898	1.7000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	5.2155	5.2155	4.9900e-003	0.0000	5.3404
Energy	0.0195	0.1665	0.0712	1.0600e-003		0.0135	0.0135		0.0135	0.0135	0.0000	379.6225	379.6225	0.0321	7.7100e-003	382.7209
Mobile	0.3690	1.4701	4.1944	0.0163	1.7140	0.0128	1.7268	0.4587	0.0119	0.4707	0.0000	1,499.5961	1,499.5961	0.0456	0.0000	1,500.7360
Waste						0.0000	0.0000		0.0000	0.0000	6.6461	0.0000	6.6461	0.3928	0.0000	16.4654
Water						0.0000	0.0000		0.0000	0.0000	9.0410	22.0437	31.0847	0.9320	0.0224	61.0640
Total	**1.9091**	**1.6734**	**7.4554**	**0.0176**	**1.7140**	**0.0440**	**1.7580**	**0.4587**	**0.0431**	**0.5018**	**15.6871**	**1,906.4778**	**1,922.1649**	**1.4074**	**0.0301**	**1,966.3266**

	ROG	NOx	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**	**68.98**	**0.00**	**1.78**	**59.44**	**0.00**	**4.21**

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	186.8551	186.8551	0.0284	4.1700e-003	188.8080
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	186.8551	186.8551	0.0284	4.1700e-003	188.8080
NaturalGas Mitigated	0.0195	0.1665	0.0712	1.0600e-003		0.0135	0.0135		0.0135	0.0135	0.0000	192.7674	192.7674	3.6900e-003	3.5300e-003	193.9129
NaturalGas Unmitigated	0.0195	0.1665	0.0712	1.0600e-003		0.0135	0.0135		0.0135	0.0135	0.0000	192.7674	192.7674	3.6900e-003	3.5300e-003	193.9129

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 High Rise	3.59705e+006	0.0194	0.1658	0.0705	1.0600e-003		0.0134	0.0134		0.0134	0.0134	0.0000	191.9522	191.9522	3.6800e-003	3.5200e-003	193.0929

Strip Mall	15275	8.0000e-005	7.5000e-004	6.3000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8151	0.8151	2.0000e-005	1.0000e-005	0.8200
Total		**0.0195**	**0.1665**	**0.0712**	**1.0600e-003**		**0.0135**	**0.0135**		**0.0135**	**0.0135**	**0.0000**	**192.7674**	**192.7674**	**3.7000e-003**	**3.5300e-003**	**193.9129**

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 High Rise	3.59705e+006	0.0194	0.1658	0.0705	1.0600e-003		0.0134	0.0134		0.0134	0.0134	0.0000	191.9522	191.9522	3.6800e-003	3.5200e-003	193.0929
Strip Mall	15275	8.0000e-005	7.5000e-004	6.3000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8151	0.8151	2.0000e-005	1.0000e-005	0.8200
Total		**0.0195**	**0.1665**	**0.0712**	**1.0600e-003**		**0.0135**	**0.0135**		**0.0135**	**0.0135**	**0.0000**	**192.7674**	**192.7674**	**3.7000e-003**	**3.5300e-003**	**193.9129**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.77233e+006	179.9963	0.0273	4.0200e-003	181.8775
Strip Mall	67535	6.8588	1.0400e-003	1.5000e-004	6.9305
Total		**186.8551**	**0.0284**	**4.1700e-003**	**188.8080**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.77233e+006	179.9963	0.0273	4.0200e-003	181.8775
Strip Mall	67535	6.8588	1.0400e-003	1.5000e-004	6.9305
Total		**186.8551**	**0.0284**	**4.1700e-003**	**188.8080**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5206	0.0367	3.1898	1.7000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	5.2155	5.2155	4.9900e-003	0.0000	5.3404
Unmitigated	1.5206	0.0367	3.1898	1.7000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	5.2155	5.2155	4.9900e-003	0.0000	5.3404

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	0.0224					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4025					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0958	0.0367	3.1898	1.7000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	5.2155	5.2155	4.9900e-003	0.0000	5.3404
Total	**1.5206**	**0.0367**	**3.1898**	**1.7000e-004**		**0.0177**	**0.0177**		**0.0177**	**0.0177**	**0.0000**	**5.2155**	**5.2155**	**4.9900e-003**	**0.0000**	**5.3404**

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	0.0224					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4025					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0958	0.0367	3.1898	1.7000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	5.2155	5.2155	4.9900e-003	0.0000	5.3404
Total	**1.5206**	**0.0367**	**3.1898**	**1.7000e-004**		**0.0177**	**0.0177**		**0.0177**	**0.0177**	**0.0000**	**5.2155**	**5.2155**	**4.9900e-003**	**0.0000**	**5.3404**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	31.0847	0.9320	0.0224	61.0640
Unmitigated	31.0847	0.9320	0.0224	61.0640

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	28.0162 / 17.6624	30.5625	0.9162	0.0220	60.0353
Strip Mall	0.481471 / 0.295095	0.5222	0.0157	3.8000e-004	1.0287
Total		**31.0847**	**0.9319**	**0.0224**	**61.0640**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Apartments High Rise	28.0162 / 17.6624	30.5625	0.9162	0.0220	60.0353
Strip Mall	0.481471 / 0.295095	0.5222	0.0157	3.8000e-004	1.0287
Total		**31.0847**	**0.9319**	**0.0224**	**61.0640**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	6.6461	0.3928	0.0000	16.4654
Unmitigated	41.5380	2.4548	0.0000	102.9087

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	197.8	40.1516	2.3729	0.0000	99.4739
Strip Mall	6.83	1.3864	0.0819	0.0000	3.4348

Total		**41.5380**	**2.4548**	**0.0000**	**102.9087**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	31.648	6.4243	0.3797	0.0000	15.9158
Strip Mall	1.0928	0.2218	0.0131	0.0000	0.5496
Total		**6.6461**	**0.3928**	**0.0000**	**16.4654**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block H3

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	1,145.00	Dwelling Unit	2.00	938,900.00	3275
Strip Mall	16.50	1000sqft	0.20	16,500.00	0
Hotel	100.00	Room	0.30	80,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	212	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2027 completion year, RPS calculated carbon intensity

Land Use - 2.5 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	150	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24E	2.05	1.83
tblEnergyUse	T24NG	5,484.45	5,210.23
tblEnergyUse	T24NG	2.37	2.35
tblEnergyUse	T24NG	39.56	39.16
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	171.75	0.00
tblFireplaces	NumberNoFireplace	45.80	0.00
tblFireplaces	NumberWood	194.65	0.00
tblLandUse	LandUseSquareFeet	1,145,000.00	938,900.00
tblLandUse	LandUseSquareFeet	145,200.00	80,000.00
tblLandUse	LotAcreage	18.47	2.00
tblLandUse	LotAcreage	0.38	0.20
tblLandUse	LotAcreage	3.33	0.30
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	212
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	22.90	0.00
tblWoodstoves	NumberNoncatalytic	22.90	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00

tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	4.3621	0.0979	8.4948	4.5000e-004		0.0471	0.0471		0.0471	0.0471	0.0000	13.8896	13.8896	0.0133	0.0000	14.2222
Energy	0.0708	0.6154	0.3341	3.8600e-003		0.0489	0.0489		0.0489	0.0489	0.0000	1,227.8860	1,227.8860	0.0980	0.0253	1,237.8691
Mobile	1.0575	4.2866	11.9047	0.0473	5.1001	0.0364	5.1365	1.3650	0.0339	1.3988	0.0000	4,348.9631	4,348.9631	0.1309	0.0000	4,352.2350
Waste						0.0000	0.0000		0.0000	0.0000	121.5449	0.0000	121.5449	7.1831	0.0000	301.1223
Water						0.0000	0.0000		0.0000	0.0000	24.8601	56.9493	81.8094	2.5625	0.0616	164.2388
Total	**5.4904**	**4.9999**	**20.7336**	**0.0516**	**5.1001**	**0.1325**	**5.2325**	**1.3650**	**0.1299**	**1.4949**	**146.4050**	**5,647.6880**	**5,794.0930**	**9.9878**	**0.0869**	**6,069.6874**

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	4.3621	0.0979	8.4948	4.5000e-004		0.0471	0.0471		0.0471	0.0471	0.0000	13.8896	13.8896	0.0133	0.0000	14.2222
Energy	0.0708	0.6154	0.3341	3.8600e-003		0.0489	0.0489		0.0489	0.0489	0.0000	1,227.8860	1,227.8860	0.0980	0.0253	1,237.8691

Mobile	1.0575	4.2866	11.9047	0.0473	5.1001	0.0364	5.1365	1.3650	0.0339	1.3988	0.0000	4,348.9631	4,348.9631	0.1309	0.0000	4,352.2350
Waste						0.0000	0.0000		0.0000	0.0000	19.4472	0.0000	19.4472	1.1493	0.0000	48.1796
Water						0.0000	0.0000		0.0000	0.0000	24.8601	56.9493	81.8094	2.5625	0.0616	164.2388
Total	**5.4904**	**4.9999**	**20.7336**	**0.0516**	**5.1001**	**0.1325**	**5.2325**	**1.3650**	**0.1299**	**1.4949**	**44.3073**	**5,647.6880**	**5,691.9952**	**3.9540**	**0.0869**	**5,816.7446**

	ROG	NOx	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**	**69.74**	**0.00**	**1.76**	**60.41**	**0.00**	**4.17**

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	527.2318	527.2318	0.0846	0.0124	533.0513
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	527.2318	527.2318	0.0846	0.0124	533.0513
NaturalGas Mitigated	0.0708	0.6154	0.3341	3.8600e-003		0.0489	0.0489		0.0489	0.0489	0.0000	700.6542	700.6542	0.0134	0.0129	704.8178
NaturalGas Unmitigated	0.0708	0.6154	0.3341	3.8600e-003		0.0489	0.0489		0.0489	0.0489	0.0000	700.6542	700.6542	0.0134	0.0129	704.8178

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 High Rise	9.57819e+006	0.0517	0.4414	0.1878	2.8200e-003		0.0357	0.0357		0.0357	0.0357	0.0000	511.1286	511.1286	9.8000e-003	9.3700e-003	514.1660
Hotel	3.5128e+006	0.0189	0.1722	0.1446	1.0300e-003		0.0131	0.0131		0.0131	0.0131	0.0000	187.4564	187.4564	3.5900e-003	3.4400e-003	188.5704
Strip Mall	38775	2.1000e-004	1.9000e-003	1.6000e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	2.0692	2.0692	4.0000e-005	4.0000e-005	2.0815
Total		**0.0708**	**0.6155**	**0.3341**	**3.8600e-003**		**0.0489**	**0.0489**		**0.0489**	**0.0489**	**0.0000**	**700.6542**	**700.6542**	**0.0134**	**0.0129**	**704.8178**

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 High Rise	9.57819e+006	0.0517	0.4414	0.1878	2.8200e-003		0.0357	0.0357		0.0357	0.0357	0.0000	511.1286	511.1286	9.8000e-003	9.3700e-003	514.1660
Hotel	3.5128e+006	0.0189	0.1722	0.1446	1.0300e-003		0.0131	0.0131		0.0131	0.0131	0.0000	187.4564	187.4564	3.5900e-003	3.4400e-003	188.5704
Strip Mall	38775	2.1000e-004	1.9000e-003	1.6000e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	2.0692	2.0692	4.0000e-005	4.0000e-005	2.0815
Total		**0.0708**	**0.6155**	**0.3341**	**3.8600e-003**		**0.0489**	**0.0489**		**0.0489**	**0.0489**	**0.0000**	**700.6542**	**700.6542**	**0.0134**	**0.0129**	**704.8178**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e

Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.71934e+006	453.8187	0.0728	0.0107	458.8279
Hotel	592000	56.9277	9.1300e-003	1.3400e-003	57.5560
Strip Mall	171435	16.4855	2.6400e-003	3.9000e-004	16.6674
Total		**527.2319**	**0.0846**	**0.0124**	**533.0513**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.71934e+006	453.8187	0.0728	0.0107	458.8279
Hotel	592000	56.9277	9.1300e-003	1.3400e-003	57.5560
Strip Mall	171435	16.4855	2.6400e-003	3.9000e-004	16.6674
Total		**527.2319**	**0.0846**	**0.0124**	**533.0513**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3621	0.0979	8.4948	4.5000e-004		0.0471	0.0471		0.0471	0.0471	0.0000	13.8896	13.8896	0.0133	0.0000	14.2222
Unmitigated	4.3621	0.0979	8.4948	4.5000e-004		0.0471	0.0471		0.0471	0.0471	0.0000	13.8896	13.8896	0.0133	0.0000	14.2222

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	0.0632					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.0438					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2551	0.0979	8.4948	4.5000e-004		0.0471	0.0471		0.0471	0.0471	0.0000	13.8896	13.8896	0.0133	0.0000	14.2222
Total	**4.3621**	**0.0979**	**8.4948**	**4.5000e-004**		**0.0471**	**0.0471**		**0.0471**	**0.0471**	**0.0000**	**13.8896**	**13.8896**	**0.0133**	**0.0000**	**14.2222**

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	0.0632					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.0438					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2551	0.0979	8.4948	4.5000e-004		0.0471	0.0471		0.0471	0.0471	0.0000	13.8896	13.8896	0.0133	0.0000	14.2222
Total	**4.3621**	**0.0979**	**8.4948**	**4.5000e-004**		**0.0471**	**0.0471**		**0.0471**	**0.0471**	**0.0000**	**13.8896**	**13.8896**	**0.0133**	**0.0000**	**14.2222**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	81.8094	2.5625	0.0616	164.2388
Unmitigated	81.8094	2.5625	0.0616	164.2388

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
Apartments High Rise	74.6014 / 47.0313	78.3140	2.4397	0.0587	156.7941
Hotel	2.53668 / 0.281853	2.2195	0.0829	1.9900e-003	4.8832
Strip Mall	1.2222 / 0.749088	1.2758	0.0400	9.6000e-004	2.5615
Total		**81.8094**	**2.5625**	**0.0616**	**164.2388**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	74.6014 / 47.0313	78.3140	2.4397	0.0587	156.7941
Hotel	2.53668 / 0.281853	2.2195	0.0829	1.9900e-003	4.8832
Strip Mall	1.2222 / 0.749088	1.2758	0.0400	9.6000e-004	2.5615
Total		**81.8094**	**2.5625**	**0.0616**	**164.2388**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e

	MT/yr			
Mitigated	19.4472	1.1493	0.0000	48.1796
Unmitigated	121.5449	7.1831	0.0000	301.1223

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	526.7	106.9153	6.3185	0.0000	264.8782
Hotel	54.75	11.1138	0.6568	0.0000	27.5339
Strip Mall	17.32	3.5158	0.2078	0.0000	8.7103
Total		**121.5449**	**7.1831**	**0.0000**	**301.1223**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	84.272	17.1065	1.0110	0.0000	42.3805
Hotel	8.76	1.7782	0.1051	0.0000	4.4054
Strip Mall	2.7712	0.5625	0.0332	0.0000	1.3936

Total		19.4472	1.1493	0.0000	48.1796

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block B1 - Santa Clara County, Annual

Block B1

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	190.00	Room	1.00	152,000.00	0
Strip Mall	10.00	1000sqft	0.50	10,000.00	0
General Office Building	540.00	1000sqft	1.00	540,000.00	0
Unrefrigerated Warehouse-No Rail	93.00	1000sqft	0.60	93,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	188.2	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2029 completion year, RPS calculated carbon intensity

Land Use - 3.1 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	6.11	5.46
tblEnergyUse	T24E	2.05	1.83
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24E	0.32	0.29
tblEnergyUse	T24NG	16.31	16.15
tblEnergyUse	T24NG	39.56	39.16
tblEnergyUse	T24NG	2.37	2.35
tblEnergyUse	T24NG	3.40	3.37
tblLandUse	LandUseSquareFeet	275,880.00	152,000.00
tblLandUse	LotAcreage	6.33	1.00
tblLandUse	LotAcreage	0.23	0.50
tblLandUse	LotAcreage	12.40	1.00
tblLandUse	LotAcreage	2.13	0.60
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	188.2
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	3.1424	7.0000e-005	7.6300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0149	0.0149	4.0000e-005	0.0000	0.0159
Energy	0.0850	0.7731	0.6494	4.6400e-003		0.0588	0.0588		0.0588	0.0588	0.0000	1,766.2423	1,766.2423	0.1832	0.0400	1,782.7401
Mobile	1.0171	4.2895	11.5529	0.0484	5.4765	0.0340	5.5105	1.4656	0.0316	1.4972	0.0000	4,450.3235	4,450.3235	0.1300	0.0000	4,453.5746
Waste						0.0000	0.0000		0.0000	0.0000	142.9341	0.0000	142.9341	8.4472	0.0000	354.1131
Water						0.0000	0.0000		0.0000	0.0000	39.0358	74.7067	113.7425	4.0229	0.0967	243.1167
Total	**4.2446**	**5.0627**	**12.2100**	**0.0530**	**5.4765**	**0.0928**	**5.5693**	**1.4656**	**0.0904**	**1.5560**	**181.9699**	**6,291.2873**	**6,473.2572**	**12.7833**	**0.1366**	**6,833.5603**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.1424	7.0000e-005	7.6300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0149	0.0149	4.0000e-005	0.0000	0.0159
Energy	0.0850	0.7731	0.6494	4.6400e-003		0.0588	0.0588		0.0588	0.0588	0.0000	1,766.2423	1,766.2423	0.1832	0.0400	1,782.7401
Mobile	1.0171	4.2895	11.5529	0.0484	5.4765	0.0340	5.5105	1.4656	0.0316	1.4972	0.0000	4,450.3235	4,450.3235	0.1300	0.0000	4,453.5746
Waste						0.0000	0.0000		0.0000	0.0000	22.8695	0.0000	22.8695	1.3516	0.0000	56.6581
Water						0.0000	0.0000		0.0000	0.0000	39.0358	74.7067	113.7425	4.0229	0.0967	243.1167
Total	**4.2446**	**5.0627**	**12.2100**	**0.0530**	**5.4765**	**0.0928**	**5.5693**	**1.4656**	**0.0904**	**1.5560**	**61.9053**	**6,291.2873**	**6,353.1926**	**5.6877**	**0.1366**	**6,536.1054**

	ROG	NOx	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**	**65.98**	**0.00**	**1.85**	**55.51**	**0.00**	**4.35**

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	924.6342	924.6342	0.1670	0.0246	936.1307
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	924.6342	924.6342	0.1670	0.0246	936.1307
NaturalGas Mitigated	0.0850	0.7731	0.6494	4.6400e-003		0.0588	0.0588		0.0588	0.0588	0.0000	841.6081	841.6081	0.0161	0.0154	846.6094
NaturalGas Unmitigated	0.0850	0.7731	0.6494	4.6400e-003		0.0588	0.0588		0.0588	0.0588	0.0000	841.6081	841.6081	0.0161	0.0154	846.6094

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 Office Building	8.7534e+006	0.0472	0.4291	0.3604	2.5700e-003		0.0326	0.0326		0.0326	0.0326	0.0000	467.1148	467.1148	8.9500e-003	8.5600e-003	469.8906

Hotel	6.67432e+006	0.0360	0.3272	0.2748	1.9600e-003		0.0249	0.0249		0.0249	0.0249	0.0000	356.1671	356.1671	6.8300e-003	6.5300e-003	358.2837
Strip Mall	23500	1.3000e-004	1.1500e-003	9.7000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2541	1.2541	2.0000e-005	2.0000e-005	1.2615
Unrefrigerated Warehouse-No Rail	319920	1.7300e-003	0.0157	0.0132	9.0000e-005		1.1900e-003	1.1900e-003		1.1900e-003	1.1900e-003	0.0000	17.0722	17.0722	3.3000e-004	3.1000e-004	17.1736
Total		**0.0851**	**0.7731**	**0.6494**	**4.6300e-003**		**0.0588**	**0.0588**		**0.0588**	**0.0588**	**0.0000**	**841.6081**	**841.6081**	**0.0161**	**0.0154**	**846.6094**

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					
General Office Building	8.7534e+006	0.0472	0.4291	0.3604	2.5700e-003		0.0326	0.0326		0.0326	0.0326	0.0000	467.1148	467.1148	8.9500e-003	8.5600e-003	469.8906
Hotel	6.67432e+006	0.0360	0.3272	0.2748	1.9600e-003		0.0249	0.0249		0.0249	0.0249	0.0000	356.1671	356.1671	6.8300e-003	6.5300e-003	358.2837
Strip Mall	23500	1.3000e-004	1.1500e-003	9.7000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2541	1.2541	2.0000e-005	2.0000e-005	1.2615
Unrefrigerated Warehouse-No Rail	319920	1.7300e-003	0.0157	0.0132	9.0000e-005		1.1900e-003	1.1900e-003		1.1900e-003	1.1900e-003	0.0000	17.0722	17.0722	3.3000e-004	3.1000e-004	17.1736
Total		**0.0851**	**0.7731**	**0.6494**	**4.6300e-003**		**0.0588**	**0.0588**		**0.0588**	**0.0588**	**0.0000**	**841.6081**	**841.6081**	**0.0161**	**0.0154**	**846.6094**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	9.2772e+006	791.9582	0.1431	0.0210	801.8051
Hotel	1.1248e+006	96.0198	0.0174	2.5500e-003	97.2136

Strip Mall	103900	8.8695	1.6000e-003	2.4000e-004	8.9798
Unrefrigerated Warehouse-No Rail	325500	27.7867	5.0200e-003	7.4000e-004	28.1322
Total		**924.6342**	**0.1670**	**0.0246**	**936.1307**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	9.2772e+006	791.9582	0.1431	0.0210	801.8051
Hotel	1.1248e+006	96.0198	0.0174	2.5500e-003	97.2136
Strip Mall	103900	8.8695	1.6000e-003	2.4000e-004	8.9798
Unrefrigerated Warehouse-No Rail	325500	27.7867	5.0200e-003	7.4000e-004	28.1322
Total		**924.6342**	**0.1670**	**0.0246**	**936.1307**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1424	7.0000e-005	7.6300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0149	0.0149	4.0000e-005	0.0000	0.0159
Unmitigated	3.1424	7.0000e-005	7.6300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0149	0.0149	4.0000e-005	0.0000	0.0159

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	0.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.1049					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.0000e-004	7.0000e-005	7.6300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0149	0.0149	4.0000e-005	0.0000	0.0159
Total	**3.1424**	**7.0000e-005**	**7.6300e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0149**	**0.0149**	**4.0000e-005**	**0.0000**	**0.0159**

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	0.0369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.1049					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Landscaping	7.0000e-004	7.0000e-005	7.6300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0149	0.0149	4.0000e-005	0.0000	0.0159
Total	**3.1424**	**7.0000e-005**	**7.6300e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0149**	**0.0149**	**4.0000e-005**	**0.0000**	**0.0159**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	113.7425	4.0229	0.0967	243.1167
Unmitigated	113.7425	4.0229	0.0967	243.1167

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	95.9762 / 58.8241	92.3573	3.1386	0.0755	193.3174
Hotel	4.81969 / 0.535521	3.9154	0.1575	3.7700e-003	8.9763
Strip Mall	0.740725 / 0.453993	0.7128	0.0242	5.8000e-004	1.4920
Unrefrigerated Warehouse-No Rail	21.5063 / 0	16.7570	0.7026	0.0168	39.3311

Total		**113.7425**	**4.0229**	**0.0967**	**243.1167**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	95.9762 / 58.8241	92.3573	3.1386	0.0755	193.3174
Hotel	4.81969 / 0.535521	3.9154	0.1575	3.7700e-003	8.9763
Strip Mall	0.740725 / 0.453993	0.7128	0.0242	5.8000e-004	1.4920
Unrefrigerated Warehouse-No Rail	21.5063 / 0	16.7570	0.7026	0.0168	39.3311
Total		**113.7425**	**4.0229**	**0.0967**	**243.1167**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	22.8695	1.3516	0.0000	56.6581
Unmitigated	142.9341	8.4472	0.0000	354.1131

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	502.2	101.9421	6.0246	0.0000	252.5571
Hotel	104.02	21.1151	1.2479	0.0000	52.3118
Strip Mall	10.5	2.1314	0.1260	0.0000	5.2805
Unrefrigerated Warehouse-No Rail	87.42	17.7455	1.0487	0.0000	43.9637
Total		**142.9341**	**8.4472**	**0.0000**	**354.1131**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	80.352	16.3107	0.9639	0.0000	40.4091
Hotel	16.6432	3.3784	0.1997	0.0000	8.3699
Strip Mall	1.68	0.3410	0.0202	0.0000	0.8449
Unrefrigerated Warehouse-No Rail	13.9872	2.8393	0.1678	0.0000	7.0342
Total		**22.8695**	**1.3516**	**0.0000**	**56.6581**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block A1 - Santa Clara County, Annual

Block A1

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1,215.00	1000sqft	4.80	1,215,000.00	0
Strip Mall	15.00	1000sqft	0.20	15,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	188.2	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2029 completion year, RPS calculated carbon intensity

Land Use - 5.0 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value

tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	6.11	5.46
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	16.31	16.15
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	27.89	4.80
tblLandUse	LotAcreage	0.34	0.20
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	188.2
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	5.4462	1.0000e-004	0.0113	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0220	0.0220	6.0000e-005	0.0000	0.0234
Energy	0.1064	0.9672	0.8124	5.8000e-003		0.0735	0.0735		0.0735	0.0735	0.0000	2,848.0996	2,848.0996	0.3445	0.0670	2,876.6773
Mobile	1.6948	7.1699	19.6006	0.0827	9.3942	0.0579	9.4521	2.5141	0.0538	2.5679	0.0000	7,607.5244	7,607.5244	0.2207	0.0000	7,613.0421
Waste						0.0000	0.0000		0.0000	0.0000	232.5668	0.0000	232.5668	13.7443	0.0000	576.1743

Water						0.0000	0.0000		0.0000	0.0000	68.8624	140.0108	208.8732	7.0981	0.1707	437.2020
Total	**7.2474**	**8.1372**	**20.4243**	**0.0885**	**9.3942**	**0.1314**	**9.5257**	**2.5141**	**0.1274**	**2.6415**	**301.4291**	**10,595.6568**	**10,897.0859**	**21.4077**	**0.2377**	**11,503.1191**

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	4.8618	1.0000e-004	0.0113	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0220	0.0220	6.0000e-005	0.0000	0.0234
Energy	0.1064	0.9672	0.8124	5.8000e-003		0.0735	0.0735		0.0735	0.0735	0.0000	2,848.0996	2,848.0996	0.3445	0.0670	2,876.6773
Mobile	1.6948	7.1699	19.6006	0.0827	9.3942	0.0579	9.4521	2.5141	0.0538	2.5679	0.0000	7,607.5244	7,607.5244	0.2207	0.0000	7,613.0421
Waste						0.0000	0.0000		0.0000	0.0000	37.2107	0.0000	37.2107	2.1991	0.0000	92.1879
Water						0.0000	0.0000		0.0000	0.0000	68.8624	140.0108	208.8732	7.0981	0.1707	437.2020
Total	**6.6630**	**8.1372**	**20.4243**	**0.0885**	**9.3942**	**0.1314**	**9.5257**	**2.5141**	**0.1274**	**2.6415**	**106.0730**	**10,595.6568**	**10,701.7298**	**9.8625**	**0.2377**	**11,019.1327**

	ROG	NOx	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	**8.06**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**64.81**	**0.00**	**1.79**	**53.93**	**0.00**	**4.21**

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	1,795.2103	1,795.2103	0.3243	0.0477	1,817.5312
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,795.2103	1,795.2103	0.3243	0.0477	1,817.5312
NaturalGas Mitigated	0.1064	0.9672	0.8124	5.8000e-003		0.0735	0.0735		0.0735	0.0735	0.0000	1,052.8893	1,052.8893	0.0202	0.0193	1,059.1461
NaturalGas Unmitigated	0.1064	0.9672	0.8124	5.8000e-003		0.0735	0.0735		0.0735	0.0735	0.0000	1,052.8893	1,052.8893	0.0202	0.0193	1,059.1461

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 Office Building	1.96951e+007	0.1062	0.9655	0.8110	5.7900e-003		0.0734	0.0734		0.0734	0.0734	0.0000	1,051.0082	1,051.0082	0.0201	0.0193	1,057.2538
Strip Mall	35250	1.9000e-004	1.7300e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	1.8811	1.8811	4.0000e-005	3.0000e-005	1.8923
Total		**0.1064**	**0.9672**	**0.8124**	**5.8000e-003**		**0.0735**	**0.0735**		**0.0735**	**0.0735**	**0.0000**	**1,052.8893**	**1,052.8893**	**0.0202**	**0.0193**	**1,059.1461**

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					

General Office Building	1.96951e+007	0.1062	0.9655	0.8110	5.7900e-003		0.0734	0.0734		0.0734	0.0734	0.0000	1,051.0082	1,051.0082	0.0201	0.0193	1,057.2538
Strip Mall	35250	1.9000e-004	1.7300e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	1.8811	1.8811	4.0000e-005	3.0000e-005	1.8923
Total		**0.1064**	**0.9672**	**0.8124**	**5.8000e-003**		**0.0735**	**0.0735**		**0.0735**	**0.0735**	**0.0000**	**1,052.8893**	**1,052.8893**	**0.0202**	**0.0193**	**1,059.1461**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	2.08737e+007	1,781.9060	0.3219	0.0473	1,804.0615
Strip Mall	155850	13.3043	2.4000e-003	3.5000e-004	13.4697
Total		**1,795.2103**	**0.3243**	**0.0477**	**1,817.5312**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	2.08737e+007	1,781.9060	0.3219	0.0473	1,804.0615
Strip Mall	155850	13.3043	2.4000e-003	3.5000e-004	13.4697
Total		**1,795.2103**	**0.3243**	**0.0477**	**1,817.5312**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.8618	1.0000e-004	0.0113	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0220	0.0220	6.0000e-005	0.0000	0.0234
Unmitigated	5.4462	1.0000e-004	0.0113	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0220	0.0220	6.0000e-005	0.0000	0.0234

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	0.6414					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.8038					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0400e-003	1.0000e-004	0.0113	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0220	0.0220	6.0000e-005	0.0000	0.0234
Total	**5.4462**	**1.0000e-004**	**0.0113**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0220**	**0.0220**	**6.0000e-005**	**0.0000**	**0.0234**

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	0.0570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.8038					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0400e-003	1.0000e-004	0.0113	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0220	0.0220	6.0000e-005	0.0000	0.0234
Total	**4.8618**	**1.0000e-004**	**0.0113**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0220**	**0.0220**	**6.0000e-005**	**0.0000**	**0.0234**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	208.8732	7.0981	0.1707	437.2020
Unmitigated	208.8732	7.0981	0.1707	437.2020

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	215.947 / 132.354	207.8040	7.0618	0.1699	434.9641
Strip Mall	1.11109 / 0.680989	1.0692	0.0363	8.7000e-004	2.2380
Total		**208.8732**	**7.0981**	**0.1707**	**437.2020**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	215.947 / 132.354	207.8040	7.0618	0.1699	434.9641
Strip Mall	1.11109 / 0.680989	1.0692	0.0363	8.7000e-004	2.2380
Total		**208.8732**	**7.0981**	**0.1707**	**437.2020**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	37.2107	2.1991	0.0000	92.1879
Unmitigated	232.5668	13.7443	0.0000	576.1743

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	1129.95	229.3696	13.5554	0.0000	568.2536
Strip Mall	15.75	3.1971	0.1889	0.0000	7.9207
Total		**232.5668**	**13.7443**	**0.0000**	**576.1743**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	180.792	36.6991	2.1689	0.0000	90.9206
Strip Mall	2.52	0.5115	0.0302	0.0000	1.2673

Total		37.2107	2.1991	0.0000	92.1879

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

A1 Pavilion - Santa Clara County, Annual

A1 Pavilion

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	3.50	1000sqft	0.10	3,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	188.2	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2029 completion year, RPS calculated carbon intensity

Land Use - 0.1 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10

tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	0.08	0.10
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	188.2
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Energy	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	3.5433	3.5433	5.7000e-004	9.0000e-005	3.5845
Mobile	0.0196	0.0805	0.1909	7.4000e-004	0.0813	5.4000e-004	0.0819	0.0218	5.0000e-004	0.0223	0.0000	68.4428	68.4428	2.1400e-003	0.0000	68.4963
Waste						0.0000	0.0000		0.0000	0.0000	0.7470	0.0000	0.7470	0.0442	0.0000	1.8507
Water						0.0000	0.0000		0.0000	0.0000	0.0823	0.1672	0.2495	8.4800e-003	2.0000e-004	0.5222
Total	**0.0334**	**0.0809**	**0.1913**	**7.4000e-004**	**0.0813**	**5.7000e-004**	**0.0819**	**0.0218**	**5.3000e-004**	**0.0223**	**0.8293**	**72.1533**	**72.9826**	**0.0553**	**2.9000e-004**	**74.4537**

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	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Energy	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	3.5433	3.5433	5.7000e-004	9.0000e-005	3.5845
Mobile	0.0196	0.0805	0.1909	7.4000e-004	0.0813	5.4000e-004	0.0819	0.0218	5.0000e-004	0.0223	0.0000	68.4428	68.4428	2.1400e-003	0.0000	68.4963
Waste						0.0000	0.0000		0.0000	0.0000	0.1195	0.0000	0.1195	7.0600e-003	0.0000	0.2961
Water						0.0000	0.0000		0.0000	0.0000	0.0823	0.1672	0.2495	8.4800e-003	2.0000e-004	0.5222
Total	**0.0334**	**0.0809**	**0.1913**	**7.4000e-004**	**0.0813**	**5.7000e-004**	**0.0819**	**0.0218**	**5.3000e-004**	**0.0223**	**0.2018**	**72.1533**	**72.3551**	**0.0183**	**2.9000e-004**	**72.8992**

	ROG	NOx	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**	**75.67**	**0.00**	**0.86**	**67.02**	**0.00**	**2.09**

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	3.1043	3.1043	5.6000e-004	8.0000e-005	3.1429
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3.1043	3.1043	5.6000e-004	8.0000e-005	3.1429
NaturalGas Mitigated	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415
NaturalGas Unmitigated	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415

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					
Strip Mall	8225	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415
Total		**4.0000e-005**	**4.0000e-004**	**3.4000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.4389**	**0.4389**	**1.0000e-005**	**1.0000e-005**	**0.4415**

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					
Strip Mall	8225	4.0000e-005	4.0000e-004	3.4000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4389	0.4389	1.0000e-005	1.0000e-005	0.4415
Total		**4.0000e-005**	**4.0000e-004**	**3.4000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.4389**	**0.4389**	**1.0000e-005**	**1.0000e-005**	**0.4415**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	36365	3.1043	5.6000e-004	8.0000e-005	3.1429
Total		**3.1043**	**5.6000e-004**	**8.0000e-005**	**3.1429**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	36365	3.1043	5.6000e-004	8.0000e-005	3.1429
Total		**3.1043**	**5.6000e-004**	**8.0000e-005**	**3.1429**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Unmitigated	0.0138	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005

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	1.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**0.0138**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

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	1.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**0.0138**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.2495	8.4800e-003	2.0000e-004	0.5222
Unmitigated	0.2495	8.4800e-003	2.0000e-004	0.5222

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Strip Mall	0.259254 / 0.158898	0.2495	8.4800e-003	2.0000e-004	0.5222
Total		**0.2495**	**8.4800e-003**	**2.0000e-004**	**0.5222**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	0.259254 / 0.158898	0.2495	8.4800e-003	2.0000e-004	0.5222
Total		**0.2495**	**8.4800e-003**	**2.0000e-004**	**0.5222**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.1195	7.0600e-003	0.0000	0.2961

Unmitigated	0.7470	0.0442	0.0000	1.8507

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	3.68	0.7470	0.0442	0.0000	1.8507
Total		**0.7470**	**0.0442**	**0.0000**	**1.8507**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Strip Mall	0.5888	0.1195	7.0600e-003	0.0000	0.2961
Total		**0.1195**	**7.0600e-003**	**0.0000**	**0.2961**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block H4 - Santa Clara County, Annual

Block H4

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	580.00	Dwelling Unit	1.00	475,600.00	1659
Strip Mall	16.50	1000sqft	0.40	16,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2029
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	188.2	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2029 completion year, RPS calculated carbon intensity

Land Use - 1.4 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value

tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	150	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	5,484.45	5,210.23
tblEnergyUse	T24NG	2.37	2.35
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	87.00	0.00
tblFireplaces	NumberNoFireplace	23.20	0.00
tblFireplaces	NumberWood	98.60	0.00
tblLandUse	LandUseSquareFeet	580,000.00	475,600.00
tblLandUse	LotAcreage	9.35	1.00
tblLandUse	LotAcreage	0.38	0.40
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	188.2
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	11.60	0.00
tblWoodstoves	NumberNoncatalytic	11.60	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	2.0816	0.0496	4.3026	2.3000e-004		0.0239	0.0239		0.0239	0.0239	0.0000	7.0350	7.0350	6.7400e-003	0.0000	7.2034
Energy	0.0264	0.2255	0.0967	1.4400e-003		0.0182	0.0182		0.0182	0.0182	0.0000	479.6907	479.6907	0.0445	0.0106	483.9609
Mobile	0.4759	2.0012	5.3131	0.0221	2.4914	0.0156	2.5069	0.6667	0.0145	0.6812	0.0000	2,031.5281	2,031.5281	0.0598	0.0000	2,033.0228
Waste						0.0000	0.0000		0.0000	0.0000	57.6738	0.0000	57.6738	3.4084	0.0000	142.8844
Water						0.0000	0.0000		0.0000	0.0000	12.3766	25.3619	37.7385	1.2758	0.0307	78.7783
Total	**2.5839**	**2.2762**	**9.7124**	**0.0238**	**2.4914**	**0.0577**	**2.5490**	**0.6667**	**0.0566**	**0.7233**	**70.0504**	**2,543.6158**	**2,613.6661**	**4.7952**	**0.0413**	**2,745.8498**

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	2.0816	0.0496	4.3026	2.3000e-004		0.0239	0.0239		0.0239	0.0239	0.0000	7.0350	7.0350	6.7400e-003	0.0000	7.2034
Energy	0.0264	0.2255	0.0967	1.4400e-003		0.0182	0.0182		0.0182	0.0182	0.0000	479.6907	479.6907	0.0445	0.0106	483.9609
Mobile	0.4759	2.0012	5.3131	0.0221	2.4914	0.0156	2.5069	0.6667	0.0145	0.6812	0.0000	2,031.5281	2,031.5281	0.0598	0.0000	2,033.0228
Waste						0.0000	0.0000		0.0000	0.0000	9.2278	0.0000	9.2278	0.5454	0.0000	22.8615
Water						0.0000	0.0000		0.0000	0.0000	12.3766	25.3619	37.7385	1.2758	0.0307	78.7783
Total	**2.5839**	**2.2762**	**9.7124**	**0.0238**	**2.4914**	**0.0577**	**2.5490**	**0.6667**	**0.0566**	**0.7233**	**21.6044**	**2,543.6158**	**2,565.2201**	**1.9322**	**0.0413**	**2,625.8269**

	ROG	NOx	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**	**69.16**	**0.00**	**1.85**	**59.71**	**0.00**	**4.37**

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	218.7092	218.7092	0.0395	5.8100e-003	221.4285
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	218.7092	218.7092	0.0395	5.8100e-003	221.4285
NaturalGas Mitigated	0.0264	0.2255	0.0967	1.4400e-003		0.0182	0.0182		0.0182	0.0182	0.0000	260.9815	260.9815	5.0000e-003	4.7800e-003	262.5324
NaturalGas Unmitigated	0.0264	0.2255	0.0967	1.4400e-003		0.0182	0.0182		0.0182	0.0182	0.0000	260.9815	260.9815	5.0000e-003	4.7800e-003	262.5324

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 High Rise	4.85183e+006	0.0262	0.2236	0.0951	1.4300e-003		0.0181	0.0181		0.0181	0.0181	0.0000	258.9123	258.9123	4.9600e-003	4.7500e-003	260.4509

Strip Mall	38775	2.1000e-004	1.9000e-003	1.6000e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	2.0692	2.0692	4.0000e-005	4.0000e-005	2.0815
Total		**0.0264**	**0.2255**	**0.0967**	**1.4400e-003**		**0.0182**	**0.0182**		**0.0182**	**0.0182**	**0.0000**	**260.9815**	**260.9815**	**5.0000e-003**	**4.7900e-003**	**262.5324**

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 High Rise	4.85183e+006	0.0262	0.2236	0.0951	1.4300e-003		0.0181	0.0181		0.0181	0.0181	0.0000	258.9123	258.9123	4.9600e-003	4.7500e-003	260.4509
Strip Mall	38775	2.1000e-004	1.9000e-003	1.6000e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	2.0692	2.0692	4.0000e-005	4.0000e-005	2.0815
Total		**0.0264**	**0.2255**	**0.0967**	**1.4400e-003**		**0.0182**	**0.0182**		**0.0182**	**0.0182**	**0.0000**	**260.9815**	**260.9815**	**5.0000e-003**	**4.7900e-003**	**262.5324**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.39058e+006	204.0745	0.0369	5.4200e-003	206.6119
Strip Mall	171435	14.6347	2.6400e-003	3.9000e-004	14.8167
Total		**218.7092**	**0.0395**	**5.8100e-003**	**221.4286**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.39058e+006	204.0745	0.0369	5.4200e-003	206.6119
Strip Mall	171435	14.6347	2.6400e-003	3.9000e-004	14.8167
Total		**218.7092**	**0.0395**	**5.8100e-003**	**221.4286**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0816	0.0496	4.3026	2.3000e-004		0.0239	0.0239		0.0239	0.0239	0.0000	7.0350	7.0350	6.7400e-003	0.0000	7.2034
Unmitigated	2.0816	0.0496	4.3026	2.3000e-004		0.0239	0.0239		0.0239	0.0239	0.0000	7.0350	7.0350	6.7400e-003	0.0000	7.2034

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	0.0305					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.9219					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1292	0.0496	4.3026	2.3000e-004		0.0239	0.0239		0.0239	0.0239	0.0000	7.0350	7.0350	6.7400e-003	0.0000	7.2034
Total	**2.0816**	**0.0496**	**4.3026**	**2.3000e-004**		**0.0239**	**0.0239**		**0.0239**	**0.0239**	**0.0000**	**7.0350**	**7.0350**	**6.7400e-003**	**0.0000**	**7.2034**

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	0.0305					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.9219					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1292	0.0496	4.3026	2.3000e-004		0.0239	0.0239		0.0239	0.0239	0.0000	7.0350	7.0350	6.7400e-003	0.0000	7.2034
Total	**2.0816**	**0.0496**	**4.3026**	**2.3000e-004**		**0.0239**	**0.0239**		**0.0239**	**0.0239**	**0.0000**	**7.0350**	**7.0350**	**6.7400e-003**	**0.0000**	**7.2034**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	37.7385	1.2758	0.0307	78.7783
Unmitigated	37.7385	1.2758	0.0307	78.7783

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	37.7893 / 23.8237	36.5624	1.2358	0.0297	76.3165
Strip Mall	1.2222 / 0.749088	1.1761	0.0400	9.6000e-004	2.4618
Total		**37.7385**	**1.2758**	**0.0307**	**78.7783**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Apartments High Rise	37.7893 / 23.8237	36.5624	1.2358	0.0297	76.3165
Strip Mall	1.2222 / 0.749088	1.1761	0.0400	9.6000e-004	2.4618
Total		**37.7385**	**1.2758**	**0.0307**	**78.7783**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	9.2278	0.5454	0.0000	22.8615
Unmitigated	57.6738	3.4084	0.0000	142.8844

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	266.8	54.1580	3.2007	0.0000	134.1741
Strip Mall	17.32	3.5158	0.2078	0.0000	8.7103

Total		**57.6738**	**3.4084**	**0.0000**	**142.8844**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	42.688	8.6653	0.5121	0.0000	21.4679
Strip Mall	2.7712	0.5625	0.0332	0.0000	1.3936
Total		**9.2278**	**0.5453**	**0.0000**	**22.8615**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block D1 - Santa Clara County, Annual

Block D1

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	500.00	Dwelling Unit	1.00	410,000.00	1430
Strip Mall	14.00	1000sqft	0.40	14,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2031
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	164.5	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2031 completion year, RPS calculated carbon intensity

Land Use - 1.4 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value

tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	150	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	5,484.45	5,210.23
tblEnergyUse	T24NG	2.37	2.35
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	75.00	0.00
tblFireplaces	NumberNoFireplace	20.00	0.00
tblFireplaces	NumberWood	85.00	0.00
tblLandUse	LandUseSquareFeet	500,000.00	410,000.00
tblLandUse	LotAcreage	8.06	1.00
tblLandUse	LotAcreage	0.32	0.40
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	164.5
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	10.00	0.00
tblWoodstoves	NumberNoncatalytic	10.00	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	1.7930	0.0427	3.7029	2.0000e-004		0.0206	0.0206		0.0206	0.0206	0.0000	6.0647	6.0647	5.7800e-003	0.0000	6.2091
Energy	0.0227	0.1943	0.0834	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	389.5815	389.5815	0.0383	9.1300e-003	393.2601
Mobile	0.3744	1.6451	4.2005	0.0183	2.1424	0.0117	2.1541	0.5733	0.0109	0.5842	0.0000	1,684.9783	1,684.9783	0.0485	0.0000	1,686.1912
Waste						0.0000	0.0000		0.0000	0.0000	49.6719	0.0000	49.6719	2.9355	0.0000	123.0600
Water						0.0000	0.0000		0.0000	0.0000	10.6642	19.1011	29.7653	1.0993	0.0264	65.1269
Total	**2.1901**	**1.8821**	**7.9867**	**0.0197**	**2.1424**	**0.0480**	**2.1904**	**0.5733**	**0.0472**	**0.6205**	**60.3361**	**2,099.7255**	**2,160.0615**	**4.1274**	**0.0356**	**2,273.8473**

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	1.7930	0.0427	3.7029	2.0000e-004		0.0206	0.0206		0.0206	0.0206	0.0000	6.0647	6.0647	5.7800e-003	0.0000	6.2091
Energy	0.0227	0.1943	0.0834	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	389.5815	389.5815	0.0383	9.1300e-003	393.2601
Mobile	0.3744	1.6451	4.2005	0.0183	2.1424	0.0117	2.1541	0.5733	0.0109	0.5842	0.0000	1,684.9783	1,684.9783	0.0485	0.0000	1,686.1912
Waste						0.0000	0.0000		0.0000	0.0000	7.9475	0.0000	7.9475	0.4697	0.0000	19.6896
Water						0.0000	0.0000		0.0000	0.0000	10.6642	19.1011	29.7653	1.0993	0.0264	65.1269
Total	**2.1901**	**1.8821**	**7.9867**	**0.0197**	**2.1424**	**0.0480**	**2.1904**	**0.5733**	**0.0472**	**0.6205**	**18.6117**	**2,099.7255**	**2,118.3371**	**1.6616**	**0.0356**	**2,170.4769**

	ROG	NOx	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**	**69.15**	**0.00**	**1.93**	**59.74**	**0.00**	**4.55**

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	164.6255	164.6255	0.0340	5.0000e-003	166.9673
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	164.6255	164.6255	0.0340	5.0000e-003	166.9673
NaturalGas Mitigated	0.0227	0.1943	0.0834	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	224.9559	224.9559	4.3100e-003	4.1200e-003	226.2927
NaturalGas Unmitigated	0.0227	0.1943	0.0834	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	224.9559	224.9559	4.3100e-003	4.1200e-003	226.2927

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 High Rise	4.18262e+006	0.0226	0.1927	0.0820	1.2300e-003		0.0156	0.0156		0.0156	0.0156	0.0000	223.2003	223.2003	4.2800e-003	4.0900e-003	224.5266

Strip Mall	32900	1.8000e-004	1.6100e-003	1.3500e-003	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	1.7557	1.7557	3.0000e-005	3.0000e-005	1.7661
Total		**0.0227**	**0.1943**	**0.0834**	**1.2400e-003**		**0.0157**	**0.0157**		**0.0157**	**0.0157**	**0.0000**	**224.9559**	**224.9559**	**4.3100e-003**	**4.1200e-003**	**226.2927**

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 High Rise	4.18262e+006	0.0226	0.1927	0.0820	1.2300e-003		0.0156	0.0156		0.0156	0.0156	0.0000	223.2003	223.2003	4.2800e-003	4.0900e-003	224.5266
Strip Mall	32900	1.8000e-004	1.6100e-003	1.3500e-003	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	1.7557	1.7557	3.0000e-005	3.0000e-005	1.7661
Total		**0.0227**	**0.1943**	**0.0834**	**1.2400e-003**		**0.0157**	**0.0157**		**0.0157**	**0.0157**	**0.0000**	**224.9559**	**224.9559**	**4.3100e-003**	**4.1200e-003**	**226.2927**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.06085e+006	153.7719	0.0318	4.6700e-003	155.9593
Strip Mall	145460	10.8536	2.2400e-003	3.3000e-004	11.0080
Total		**164.6255**	**0.0340**	**5.0000e-003**	**166.9673**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.06085e+006	153.7719	0.0318	4.6700e-003	155.9593
Strip Mall	145460	10.8536	2.2400e-003	3.3000e-004	11.0080
Total		**164.6255**	**0.0340**	**5.0000e-003**	**166.9673**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.7930	0.0427	3.7029	2.0000e-004		0.0206	0.0206		0.0206	0.0206	0.0000	6.0647	6.0647	5.7800e-003	0.0000	6.2091
Unmitigated	1.7930	0.0427	3.7029	2.0000e-004		0.0206	0.0206		0.0206	0.0206	0.0000	6.0647	6.0647	5.7800e-003	0.0000	6.2091

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	0.0263					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6559					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1108	0.0427	3.7029	2.0000e-004		0.0206	0.0206		0.0206	0.0206	0.0000	6.0647	6.0647	5.7800e-003	0.0000	6.2091
Total	**1.7930**	**0.0427**	**3.7029**	**2.0000e-004**		**0.0206**	**0.0206**		**0.0206**	**0.0206**	**0.0000**	**6.0647**	**6.0647**	**5.7800e-003**	**0.0000**	**6.2091**

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	0.0263					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6559					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1108	0.0427	3.7029	2.0000e-004		0.0206	0.0206		0.0206	0.0206	0.0000	6.0647	6.0647	5.7800e-003	0.0000	6.2091
Total	**1.7930**	**0.0427**	**3.7029**	**2.0000e-004**		**0.0206**	**0.0206**		**0.0206**	**0.0206**	**0.0000**	**6.0647**	**6.0647**	**5.7800e-003**	**0.0000**	**6.2091**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	29.7653	1.0993	0.0264	65.1269
Unmitigated	29.7653	1.0993	0.0264	65.1269

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	32.577 / 20.5377	28.8516	1.0654	0.0256	63.1224
Strip Mall	1.03702 / 0.63559	0.9137	0.0339	8.2000e-004	2.0045
Total		**29.7653**	**1.0993**	**0.0265**	**65.1269**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Apartments High Rise	32.577 / 20.5377	28.8516	1.0654	0.0256	63.1224
Strip Mall	1.03702 / 0.63559	0.9137	0.0339	8.2000e-004	2.0045
Total		**29.7653**	**1.0993**	**0.0265**	**65.1269**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	7.9475	0.4697	0.0000	19.6896
Unmitigated	49.6719	2.9355	0.0000	123.0600

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	230	46.6879	2.7592	0.0000	115.6674
Strip Mall	14.7	2.9840	0.1764	0.0000	7.3927

Total		**49.6719**	**2.9355**	**0.0000**	**123.0600**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	36.8	7.4701	0.4415	0.0000	18.5068
Strip Mall	2.352	0.4774	0.0282	0.0000	1.1828
Total		**7.9475**	**0.4697**	**0.0000**	**19.6896**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block D4

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	710.00	1000sqft	1.00	710,000.00	0
Strip Mall	39.00	1000sqft	0.50	39,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2031
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	164.5	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2031 completion year, RPS calculated carbon intensity

Land Use - 1.5 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value

tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	6.11	5.46
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	16.31	16.15
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	16.30	1.00
tblLandUse	LotAcreage	0.90	0.50
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	164.5
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	2.9606	6.0000e-005	6.8500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0134	0.0134	3.0000e-005	0.0000	0.0143
Energy	0.0626	0.5687	0.4777	3.4100e-003		0.0432	0.0432		0.0432	0.0432	0.0000	1,559.4457	1,559.4457	0.2062	0.0399	1,576.5014
Mobile	1.0615	4.6695	12.0504	0.0528	6.1918	0.0336	6.2254	1.6570	0.0312	1.6882	0.0000	4,857.9491	4,857.9491	0.1392	0.0000	4,861.4296

Waste						0.0000	0.0000		0.0000	0.0000	142.3474	0.0000	142.3474	8.4125	0.0000	352.6597
Water						0.0000	0.0000		0.0000	0.0000	40.9511	72.7765	113.7276	4.2211	0.1015	249.5101
Total	**4.0846**	**5.2382**	**12.5350**	**0.0562**	**6.1918**	**0.0769**	**6.2686**	**1.6570**	**0.0745**	**1.7314**	**183.2985**	**6,490.1847**	**6,673.4832**	**12.9791**	**0.1415**	**7,040.1151**

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	2.9606	6.0000e-005	6.8500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0134	0.0134	3.0000e-005	0.0000	0.0143
Energy	0.0626	0.5687	0.4777	3.4100e-003		0.0432	0.0432		0.0432	0.0432	0.0000	1,559.4457	1,559.4457	0.2062	0.0399	1,576.5014
Mobile	1.0615	4.6695	12.0504	0.0528	6.1918	0.0336	6.2254	1.6570	0.0312	1.6882	0.0000	4,857.9491	4,857.9491	0.1392	0.0000	4,861.4296
Waste						0.0000	0.0000		0.0000	0.0000	22.7756	0.0000	22.7756	1.3460	0.0000	56.4256
Water						0.0000	0.0000		0.0000	0.0000	40.9511	72.7765	113.7276	4.2211	0.1015	249.5101
Total	**4.0846**	**5.2382**	**12.5350**	**0.0562**	**6.1918**	**0.0769**	**6.2686**	**1.6570**	**0.0745**	**1.7314**	**63.7267**	**6,490.1847**	**6,553.9113**	**5.9126**	**0.1415**	**6,743.8809**

	ROG	NOx	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**	**65.23**	**0.00**	**1.79**	**54.45**	**0.00**	**4.21**

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	940.3855	940.3855	0.1944	0.0286	953.7624
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	940.3855	940.3855	0.1944	0.0286	953.7624
NaturalGas Mitigated	0.0626	0.5687	0.4777	3.4100e-003		0.0432	0.0432		0.0432	0.0432	0.0000	619.0602	619.0602	0.0119	0.0114	622.7390
NaturalGas Unmitigated	0.0626	0.5687	0.4777	3.4100e-003		0.0432	0.0432		0.0432	0.0432	0.0000	619.0602	619.0602	0.0119	0.0114	622.7390

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 Office Building	1.15091e+007	0.0621	0.5642	0.4739	3.3900e-003		0.0429	0.0429		0.0429	0.0429	0.0000	614.1694	614.1694	0.0118	0.0113	617.8191
Strip Mall	91650	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.8908	4.8908	9.0000e-005	9.0000e-005	4.9199
Total		**0.0626**	**0.5687**	**0.4777**	**3.4200e-003**		**0.0432**	**0.0432**		**0.0432**	**0.0432**	**0.0000**	**619.0602**	**619.0602**	**0.0119**	**0.0114**	**622.7390**

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					
General Office Building	1.15091e+007	0.0621	0.5642	0.4739	3.3900e-003		0.0429	0.0429		0.0429	0.0429	0.0000	614.1694	614.1694	0.0118	0.0113	617.8191
Strip Mall	91650	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.8908	4.8908	9.0000e-005	9.0000e-005	4.9199
Total		**0.0626**	**0.5687**	**0.4777**	**3.4200e-003**		**0.0432**	**0.0432**		**0.0432**	**0.0432**	**0.0000**	**619.0602**	**619.0602**	**0.0119**	**0.0114**	**622.7390**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	1.21978e+007	910.1504	0.1881	0.0277	923.0972
Strip Mall	405210	30.2351	6.2500e-003	9.2000e-004	30.6652
Total		**940.3855**	**0.1944**	**0.0286**	**953.7624**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	1.21978e+007	910.1504	0.1881	0.0277	923.0972
Strip Mall	405210	30.2351	6.2500e-003	9.2000e-004	30.6652
Total		**940.3855**	**0.1944**	**0.0286**	**953.7624**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9606	6.0000e-005	6.8500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0134	0.0134	3.0000e-005	0.0000	0.0143
Unmitigated	2.9606	6.0000e-005	6.8500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0134	0.0134	3.0000e-005	0.0000	0.0143

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	0.0347					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9252					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.3000e-004	6.0000e-005	6.8500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0134	0.0134	3.0000e-005	0.0000	0.0143

Total	**2.9606**	**6.0000e-005**	**6.8500e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0134**	**0.0134**	**3.0000e-005**	**0.0000**	**0.0143**

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	0.0347					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9252					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.3000e-004	6.0000e-005	6.8500e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0134	0.0134	3.0000e-005	0.0000	0.0143
Total	**2.9606**	**6.0000e-005**	**6.8500e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0134**	**0.0134**	**3.0000e-005**	**0.0000**	**0.0143**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	113.7276	4.2211	0.1015	249.5101
Unmitigated	113.7276	4.2211	0.1015	249.5101

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	126.191 / 77.3428	111.1823	4.1266	0.0993	243.9261
Strip Mall	2.88883 / 1.77057	2.5452	0.0945	2.2700e-003	5.5841
Total		**113.7276**	**4.2211**	**0.1015**	**249.5101**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	126.191 / 77.3428	111.1823	4.1266	0.0993	243.9261
Strip Mall	2.88883 / 1.77057	2.5452	0.0945	2.2700e-003	5.5841
Total		**113.7276**	**4.2211**	**0.1015**	**249.5101**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	22.7756	1.3460	0.0000	56.4256
Unmitigated	142.3474	8.4125	0.0000	352.6597

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	660.3	134.0349	7.9212	0.0000	332.0659
Strip Mall	40.95	8.3125	0.4913	0.0000	20.5938
Total		**142.3474**	**8.4125**	**0.0000**	**352.6597**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	105.648	21.4456	1.2674	0.0000	53.1305

Strip Mall	6.552	1.3300	0.0786	0.0000	3.2950
Total		**22.7756**	**1.3460**	**0.0000**	**56.4256**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block H2 - Santa Clara County, Annual

Block H2

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	330.00	Dwelling Unit	0.50	270,600.00	944
Strip Mall	9.00	1000sqft	0.20	9,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	176.3	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2030 completion year, RPS calculated carbon intensity

Land Use - 0.7 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value

tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	150	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	5,484.45	5,210.23
tblEnergyUse	T24NG	2.37	2.35
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	49.50	0.00
tblFireplaces	NumberNoFireplace	13.20	0.00
tblFireplaces	NumberWood	56.10	0.00
tblLandUse	LandUseSquareFeet	330,000.00	270,600.00
tblLandUse	LotAcreage	5.32	0.50
tblLandUse	LotAcreage	0.21	0.20
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	176.3
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	6.60	0.00
tblWoodstoves	NumberNoncatalytic	6.60	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	1.1824	0.0282	2.4439	1.3000e-004		0.0136	0.0136		0.0136	0.0136	0.0000	4.0027	4.0027	3.8100e-003	0.0000	4.0980
Energy	0.0150	0.1282	0.0550	8.2000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	264.6882	264.6882	0.0253	6.0200e-003	267.1133
Mobile	0.2570	1.1057	2.8757	0.0122	1.4085	8.2500e-003	1.4167	0.3769	7.6700e-003	0.3846	0.0000	1,126.5865	1,126.5865	0.0328	0.0000	1,127.4059
Waste						0.0000	0.0000		0.0000	0.0000	32.7323	0.0000	32.7323	1.9344	0.0000	81.0929
Water						0.0000	0.0000		0.0000	0.0000	7.0327	13.5003	20.5330	0.7249	0.0174	43.8530
Total	**1.4545**	**1.2621**	**5.3746**	**0.0132**	**1.4085**	**0.0322**	**1.4407**	**0.3769**	**0.0316**	**0.4086**	**39.7650**	**1,408.7776**	**1,448.5427**	**2.7212**	**0.0235**	**1,523.5631**

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	1.1824	0.0282	2.4439	1.3000e-004		0.0136	0.0136		0.0136	0.0136	0.0000	4.0027	4.0027	3.8100e-003	0.0000	4.0980
Energy	0.0150	0.1282	0.0550	8.2000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	264.6882	264.6882	0.0253	6.0200e-003	267.1133
Mobile	0.2570	1.1057	2.8757	0.0122	1.4085	8.2500e-003	1.4167	0.3769	7.6700e-003	0.3846	0.0000	1,126.5865	1,126.5865	0.0328	0.0000	1,127.4059
Waste						0.0000	0.0000		0.0000	0.0000	5.2372	0.0000	5.2372	0.3095	0.0000	12.9749
Water						0.0000	0.0000		0.0000	0.0000	7.0327	13.5003	20.5330	0.7249	0.0174	43.8530
Total	**1.4545**	**1.2621**	**5.3746**	**0.0132**	**1.4085**	**0.0322**	**1.4407**	**0.3769**	**0.0316**	**0.4086**	**12.2699**	**1,408.7776**	**1,421.0475**	**1.0963**	**0.0235**	**1,455.4450**

	ROG	NOx	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**	**69.14**	**0.00**	**1.90**	**59.71**	**0.00**	**4.47**

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	116.2474	116.2474	0.0224	3.3000e-003	117.7903
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	116.2474	116.2474	0.0224	3.3000e-003	117.7903
NaturalGas Mitigated	0.0150	0.1282	0.0550	8.2000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	148.4408	148.4408	2.8500e-003	2.7200e-003	149.3229
NaturalGas Unmitigated	0.0150	0.1282	0.0550	8.2000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	148.4408	148.4408	2.8500e-003	2.7200e-003	149.3229

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 High Rise	2.76053e+006	0.0149	0.1272	0.0541	8.1000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	147.3122	147.3122	2.8200e-003	2.7000e-003	148.1876

Strip Mall	21150	1.1000e-004	1.0400e-003	8.7000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.1286	1.1286	2.0000e-005	2.0000e-005	1.1354
Total		**0.0150**	**0.1282**	**0.0550**	**8.2000e-004**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**148.4408**	**148.4408**	**2.8400e-003**	**2.7200e-003**	**149.3229**

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 High Rise	2.76053e+006	0.0149	0.1272	0.0541	8.1000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	147.3122	147.3122	2.8200e-003	2.7000e-003	148.1876
Strip Mall	21150	1.1000e-004	1.0400e-003	8.7000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.1286	1.1286	2.0000e-005	2.0000e-005	1.1354
Total		**0.0150**	**0.1282**	**0.0550**	**8.2000e-004**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**148.4408**	**148.4408**	**2.8400e-003**	**2.7200e-003**	**149.3229**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.36016e+006	108.7696	0.0210	3.0800e-003	110.2132
Strip Mall	93510	7.4778	1.4400e-003	2.1000e-004	7.5771
Total		**116.2474**	**0.0224**	**3.2900e-003**	**117.7903**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.36016e+006	108.7696	0.0210	3.0800e-003	110.2132
Strip Mall	93510	7.4778	1.4400e-003	2.1000e-004	7.5771
Total		**116.2474**	**0.0224**	**3.2900e-003**	**117.7903**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1824	0.0282	2.4439	1.3000e-004		0.0136	0.0136		0.0136	0.0136	0.0000	4.0027	4.0027	3.8100e-003	0.0000	4.0980
Unmitigated	1.1824	0.0282	2.4439	1.3000e-004		0.0136	0.0136		0.0136	0.0136	0.0000	4.0027	4.0027	3.8100e-003	0.0000	4.0980

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	0.0174					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0920					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0731	0.0282	2.4439	1.3000e-004		0.0136	0.0136		0.0136	0.0136	0.0000	4.0027	4.0027	3.8100e-003	0.0000	4.0980
Total	**1.1824**	**0.0282**	**2.4439**	**1.3000e-004**		**0.0136**	**0.0136**		**0.0136**	**0.0136**	**0.0000**	**4.0027**	**4.0027**	**3.8100e-003**	**0.0000**	**4.0980**

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	0.0174					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0920					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0731	0.0282	2.4439	1.3000e-004		0.0136	0.0136		0.0136	0.0136	0.0000	4.0027	4.0027	3.8100e-003	0.0000	4.0980
Total	**1.1824**	**0.0282**	**2.4439**	**1.3000e-004**		**0.0136**	**0.0136**		**0.0136**	**0.0136**	**0.0000**	**4.0027**	**4.0027**	**3.8100e-003**	**0.0000**	**4.0980**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	20.5330	0.7249	0.0174	43.8530
Unmitigated	20.5330	0.7249	0.0174	43.8530

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	21.5008 / 13.5549	19.9187	0.7031	0.0169	42.5374
Strip Mall	0.666653 / 0.408594	0.6143	0.0218	5.2000e-004	1.3156
Total		**20.5330**	**0.7249**	**0.0174**	**43.8530**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Apartments High Rise	21.5008 / 13.5549	19.9187	0.7031	0.0169	42.5374
Strip Mall	0.666653 / 0.408594	0.6143	0.0218	5.2000e-004	1.3156
Total		**20.5330**	**0.7249**	**0.0174**	**43.8530**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	5.2372	0.3095	0.0000	12.9749
Unmitigated	32.7323	1.9344	0.0000	81.0929

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	151.8	30.8140	1.8211	0.0000	76.3405
Strip Mall	9.45	1.9183	0.1134	0.0000	4.7524

Total		**32.7323**	**1.9344**	**0.0000**	**81.0929**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	24.288	4.9302	0.2914	0.0000	12.2145
Strip Mall	1.512	0.3069	0.0181	0.0000	0.7604
Total		**5.2372**	**0.3095**	**0.0000**	**12.9749**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block C2 - Santa Clara County, Annual

Block C2

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	665.00	1000sqft	2.00	665,000.00	0
Strip Mall	15.00	1000sqft	0.10	15,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2031
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	164.5	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2031 completion year, RPS calculated carbon intensity

Land Use - 2.1 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value

tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	150	10
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	100	10
tblEnergyUse	T24E	6.11	5.46
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	16.31	16.15
tblEnergyUse	T24NG	2.37	2.35
tblLandUse	LotAcreage	15.27	2.00
tblLandUse	LotAcreage	0.34	0.10
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	164.5
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005

2.0 Emissions Summary

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	2.6878	6.0000e-005	6.2200e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0122	0.0122	3.0000e-005	0.0000	0.0129
Energy	0.0583	0.5301	0.4453	3.1800e-003		0.0403	0.0403		0.0403	0.0403	0.0000	1,441.2179	1,441.2179	0.1897	0.0368	1,456.9392
Mobile	0.8845	3.8968	10.2085	0.0450	5.2992	0.0286	5.3278	1.4181	0.0266	1.4446	0.0000	4,143.7709	4,143.7709	0.1180	0.0000	4,146.7202

Waste						0.0000	0.0000		0.0000	0.0000	128.7369	0.0000	128.7369	7.6081	0.0000	318.9401
Water						0.0000	0.0000		0.0000	0.0000	37.8497	67.2648	105.1145	3.9014	0.0938	230.6137
Total	**3.6306**	**4.4270**	**10.6600**	**0.0482**	**5.2992**	**0.0689**	**5.3681**	**1.4181**	**0.0669**	**1.4850**	**166.5865**	**5,652.2658**	**5,818.8523**	**11.8172**	**0.1307**	**6,153.2261**

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	2.6878	6.0000e-005	6.2200e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0122	0.0122	3.0000e-005	0.0000	0.0129
Energy	0.0583	0.5301	0.4453	3.1800e-003		0.0403	0.0403		0.0403	0.0403	0.0000	1,441.2179	1,441.2179	0.1897	0.0368	1,456.9392
Mobile	0.8845	3.8968	10.2085	0.0450	5.2992	0.0286	5.3278	1.4181	0.0266	1.4446	0.0000	4,143.7709	4,143.7709	0.1180	0.0000	4,146.7202
Waste						0.0000	0.0000		0.0000	0.0000	20.5979	0.0000	20.5979	1.2173	0.0000	51.0304
Water						0.0000	0.0000		0.0000	0.0000	37.8497	67.2648	105.1145	3.9014	0.0938	230.6137
Total	**3.6306**	**4.4270**	**10.6600**	**0.0482**	**5.2992**	**0.0689**	**5.3681**	**1.4181**	**0.0669**	**1.4850**	**58.4476**	**5,652.2658**	**5,710.7133**	**5.4264**	**0.1307**	**5,885.3163**

	ROG	NOx	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**	**64.91**	**0.00**	**1.86**	**54.08**	**0.00**	**4.35**

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	864.0937	864.0937	0.1786	0.0263	876.3854
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	864.0937	864.0937	0.1786	0.0263	876.3854
NaturalGas Mitigated	0.0583	0.5301	0.4453	3.1800e-003		0.0403	0.0403		0.0403	0.0403	0.0000	577.1243	577.1243	0.0111	0.0106	580.5538
NaturalGas Unmitigated	0.0583	0.5301	0.4453	3.1800e-003		0.0403	0.0403		0.0403	0.0403	0.0000	577.1243	577.1243	0.0111	0.0106	580.5538

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 Office Building	1.07796e+007	0.0581	0.5284	0.4439	3.1700e-003		0.0402	0.0402		0.0402	0.0402	0.0000	575.2432	575.2432	0.0110	0.0106	578.6616
Strip Mall	35250	1.9000e-004	1.7300e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	1.8811	1.8811	4.0000e-005	3.0000e-005	1.8923
Total		**0.0583**	**0.5301**	**0.4453**	**3.1800e-003**		**0.0403**	**0.0403**		**0.0403**	**0.0403**	**0.0000**	**577.1243**	**577.1243**	**0.0111**	**0.0106**	**580.5538**

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					
General Office Building	1.07796e+007	0.0581	0.5284	0.4439	3.1700e-003		0.0402	0.0402		0.0402	0.0402	0.0000	575.2432	575.2432	0.0110	0.0106	578.6616
Strip Mall	35250	1.9000e-004	1.7300e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	1.8811	1.8811	4.0000e-005	3.0000e-005	1.8923
Total		**0.0583**	**0.5301**	**0.4453**	**3.1800e-003**		**0.0403**	**0.0403**		**0.0403**	**0.0403**	**0.0000**	**577.1243**	**577.1243**	**0.0111**	**0.0106**	**580.5538**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	1.14247e+007	852.4648	0.1762	0.0259	864.5910
Strip Mall	155850	11.6289	2.4000e-003	3.5000e-004	11.7943
Total		**864.0937**	**0.1786**	**0.0263**	**876.3854**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	1.14247e+007	852.4648	0.1762	0.0259	864.5910
Strip Mall	155850	11.6289	2.4000e-003	3.5000e-004	11.7943
Total		**864.0937**	**0.1786**	**0.0263**	**876.3854**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.6878	6.0000e-005	6.2200e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0122	0.0122	3.0000e-005	0.0000	0.0129
Unmitigated	2.6878	6.0000e-005	6.2200e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0122	0.0122	3.0000e-005	0.0000	0.0129

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	0.0315					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.6557					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.7000e-004	6.0000e-005	6.2200e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0122	0.0122	3.0000e-005	0.0000	0.0129

Total	**2.6878**	**6.0000e-005**	**6.2200e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0122**	**0.0122**	**3.0000e-005**	**0.0000**	**0.0129**

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	0.0315					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.6557					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.7000e-004	6.0000e-005	6.2200e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0122	0.0122	3.0000e-005	0.0000	0.0129
Total	**2.6878**	**6.0000e-005**	**6.2200e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0122**	**0.0122**	**3.0000e-005**	**0.0000**	**0.0129**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	105.1145	3.9014	0.0938	230.6137
Unmitigated	105.1145	3.9014	0.0938	230.6137

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	118.193 / 72.4408	104.1355	3.8651	0.0930	228.4660
Strip Mall	1.11109 / 0.680989	0.9789	0.0363	8.7000e-004	2.1477
Total		**105.1145**	**3.9014**	**0.0938**	**230.6137**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	118.193 / 72.4408	104.1355	3.8651	0.0930	228.4660
Strip Mall	1.11109 / 0.680989	0.9789	0.0363	8.7000e-004	2.1477
Total		**105.1145**	**3.9014**	**0.0938**	**230.6137**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	20.5979	1.2173	0.0000	51.0304
Unmitigated	128.7369	7.6081	0.0000	318.9401

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	618.45	125.5398	7.4192	0.0000	311.0194
Strip Mall	15.75	3.1971	0.1889	0.0000	7.9207
Total		**128.7369**	**7.6081**	**0.0000**	**318.9401**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	98.952	20.0864	1.1871	0.0000	49.7631

Strip Mall	2.52	0.5115	0.0302	0.0000	1.2673
Total		**20.5979**	**1.2173**	**0.0000**	**51.0304**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block C3 - Santa Clara County, Annual

Block C3

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	170.00	Dwelling Unit	0.30	139,400.00	486
Strip Mall	2.00	1000sqft	0.10	2,000.00	0
Hotel	80.00	Room	0.20	64,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2031
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	164.5	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2031 completion year, RPS calculated carbon intensity

Land Use - 0.6 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	150	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24E	2.05	1.83
tblEnergyUse	T24NG	5,484.45	5,210.23
tblEnergyUse	T24NG	2.37	2.35
tblEnergyUse	T24NG	39.56	39.16
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	25.50	0.00
tblFireplaces	NumberNoFireplace	6.80	0.00
tblFireplaces	NumberWood	28.90	0.00
tblLandUse	LandUseSquareFeet	170,000.00	139,400.00
tblLandUse	LandUseSquareFeet	116,160.00	64,000.00
tblLandUse	LotAcreage	2.74	0.30
tblLandUse	LotAcreage	0.05	0.10
tblLandUse	LotAcreage	2.67	0.20
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	164.5
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	3.40	0.00
tblWoodstoves	NumberNoncatalytic	3.40	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00

tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	0.8517	0.0145	1.2597	7.0000e-005		7.0000e-003	7.0000e-003		7.0000e-003	7.0000e-003	0.0000	2.0634	2.0634	1.9700e-003	0.0000	2.1126
Energy	0.0229	0.2035	0.1438	1.2500e-003		0.0158	0.0158		0.0158	0.0158	0.0000	315.2751	315.2751	0.0228	6.8600e-003	317.8872
Mobile	0.1973	0.8662	2.1888	9.4900e-003	1.1082	6.0800e-003	1.1142	0.2966	5.6400e-003	0.3022	0.0000	873.6859	873.6859	0.0253	0.0000	874.3178
Waste						0.0000	0.0000		0.0000	0.0000	25.1912	0.0000	25.1912	1.4888	0.0000	62.4101
Water						0.0000	0.0000		0.0000	0.0000	4.2048	7.2573	11.4621	0.4334	0.0104	25.4010
Total	**1.0719**	**1.0842**	**3.5922**	**0.0108**	**1.1082**	**0.0289**	**1.1370**	**0.2966**	**0.0284**	**0.3250**	**29.3960**	**1,198.2816**	**1,227.6776**	**1.9721**	**0.0173**	**1,282.1286**

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	0.8517	0.0145	1.2597	7.0000e-005		7.0000e-003	7.0000e-003		7.0000e-003	7.0000e-003	0.0000	2.0634	2.0634	1.9700e-003	0.0000	2.1126
Energy	0.0229	0.2035	0.1438	1.2500e-003		0.0158	0.0158		0.0158	0.0158	0.0000	315.2751	315.2751	0.0228	6.8600e-003	317.8872

Mobile	0.1973	0.8662	2.1888	9.4900e-003	1.1082	6.0800e-003	1.1142	0.2966	5.6400e-003	0.3022	0.0000	873.6859	873.6859	0.0253	0.0000	874.3178
Waste						0.0000	0.0000		0.0000	0.0000	4.0306	0.0000	4.0306	0.2382	0.0000	9.9856
Water						0.0000	0.0000		0.0000	0.0000	4.2048	7.2573	11.4621	0.4334	0.0104	25.4010
Total	**1.0719**	**1.0842**	**3.5922**	**0.0108**	**1.1082**	**0.0289**	**1.1370**	**0.2966**	**0.0284**	**0.3250**	**8.2354**	**1,198.2816**	**1,206.5170**	**0.7216**	**0.0173**	**1,229.7041**

	ROG	NOx	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**	**71.98**	**0.00**	**1.72**	**63.41**	**0.00**	**4.09**

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	89.1711	89.1711	0.0184	2.7100e-003	90.4395
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	89.1711	89.1711	0.0184	2.7100e-003	90.4395
NaturalGas Mitigated	0.0229	0.2035	0.1438	1.2500e-003		0.0158	0.0158		0.0158	0.0158	0.0000	226.1040	226.1040	4.3300e-003	4.1500e-003	227.4476
NaturalGas Unmitigated	0.0229	0.2035	0.1438	1.2500e-003		0.0158	0.0158		0.0158	0.0158	0.0000	226.1040	226.1040	4.3300e-003	4.1500e-003	227.4476

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 High Rise	1.42209e+006	7.6700e-003	0.0655	0.0279	4.2000e-004		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	75.8881	75.8881	1.4500e-003	1.3900e-003	76.3391
Hotel	2.81024e+006	0.0152	0.1378	0.1157	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	149.9651	149.9651	2.8700e-003	2.7500e-003	150.8563
Strip Mall	4700	3.0000e-005	2.3000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2508	0.2508	0.0000	0.0000	0.2523
Total		**0.0229**	**0.2035**	**0.1438**	**1.2500e-003**		**0.0158**	**0.0158**		**0.0158**	**0.0158**	**0.0000**	**226.1040**	**226.1040**	**4.3200e-003**	**4.1400e-003**	**227.4476**

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 High Rise	1.42209e+006	7.6700e-003	0.0655	0.0279	4.2000e-004		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	75.8881	75.8881	1.4500e-003	1.3900e-003	76.3391
Hotel	2.81024e+006	0.0152	0.1378	0.1157	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	149.9651	149.9651	2.8700e-003	2.7500e-003	150.8563
Strip Mall	4700	3.0000e-005	2.3000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2508	0.2508	0.0000	0.0000	0.2523
Total		**0.0229**	**0.2035**	**0.1438**	**1.2500e-003**		**0.0158**	**0.0158**		**0.0158**	**0.0158**	**0.0000**	**226.1040**	**226.1040**	**4.3200e-003**	**4.1400e-003**	**227.4476**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e

Land Use	kWh/yr	MT/yr			
Apartments High Rise	700687	52.2824	0.0108	1.5900e-003	53.0262
Hotel	473600	35.3381	7.3000e-003	1.0700e-003	35.8408
Strip Mall	20780	1.5505	3.2000e-004	5.0000e-005	1.5726
Total		**89.1711**	**0.0184**	**2.7100e-003**	**90.4395**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	700687	52.2824	0.0108	1.5900e-003	53.0262
Hotel	473600	35.3381	7.3000e-003	1.0700e-003	35.8408
Strip Mall	20780	1.5505	3.2000e-004	5.0000e-005	1.5726
Total		**89.1711**	**0.0184**	**2.7100e-003**	**90.4395**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.8517	0.0145	1.2597	7.0000e-005		7.0000e-003	7.0000e-003		7.0000e-003	7.0000e-003	0.0000	2.0634	2.0634	1.9700e-003	0.0000	2.1126
Unmitigated	0.8517	0.0145	1.2597	7.0000e-005		7.0000e-003	7.0000e-003		7.0000e-003	7.0000e-003	0.0000	2.0634	2.0634	1.9700e-003	0.0000	2.1126

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	0.0118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8022					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0377	0.0145	1.2597	7.0000e-005		7.0000e-003	7.0000e-003		7.0000e-003	7.0000e-003	0.0000	2.0634	2.0634	1.9700e-003	0.0000	2.1126
Total	**0.8517**	**0.0145**	**1.2597**	**7.0000e-005**		**7.0000e-003**	**7.0000e-003**		**7.0000e-003**	**7.0000e-003**	**0.0000**	**2.0634**	**2.0634**	**1.9700e-003**	**0.0000**	**2.1126**

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	0.0118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8022					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0377	0.0145	1.2597	7.0000e-005		7.0000e-003	7.0000e-003		7.0000e-003	7.0000e-003	0.0000	2.0634	2.0634	1.9700e-003	0.0000	2.1126
Total	**0.8517**	**0.0145**	**1.2597**	**7.0000e-005**		**7.0000e-003**	**7.0000e-003**		**7.0000e-003**	**7.0000e-003**	**0.0000**	**2.0634**	**2.0634**	**1.9700e-003**	**0.0000**	**2.1126**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	11.4621	0.4334	0.0104	25.4010
Unmitigated	11.4621	0.4334	0.0104	25.4010

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
Apartments High Rise	11.0762 / 6.98281	9.8095	0.3622	8.7100e-003	21.4616
Hotel	2.02934 / 0.225482	1.5220	0.0663	1.5900e-003	3.6530
Strip Mall	0.148145 / 0.0907986	0.1305	4.8400e-003	1.2000e-004	0.2864
Total		**11.4621**	**0.4334**	**0.0104**	**25.4009**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	11.0762 / 6.98281	9.8095	0.3622	8.7100e-003	21.4616
Hotel	2.02934 / 0.225482	1.5220	0.0663	1.5900e-003	3.6530
Strip Mall	0.148145 / 0.0907986	0.1305	4.8400e-003	1.2000e-004	0.2864
Total		**11.4621**	**0.4334**	**0.0104**	**25.4009**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e

	MT/yr			
Mitigated	4.0306	0.2382	0.0000	9.9856
Unmitigated	25.1912	1.4888	0.0000	62.4101

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	78.2	15.8739	0.9381	0.0000	39.3269
Hotel	43.8	8.8910	0.5254	0.0000	22.0271
Strip Mall	2.1	0.4263	0.0252	0.0000	1.0561
Total		**25.1912**	**1.4888**	**0.0000**	**62.4101**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	12.512	2.5398	0.1501	0.0000	6.2923
Hotel	7.008	1.4226	0.0841	0.0000	3.5243
Strip Mall	0.336	0.0682	4.0300e-003	0.0000	0.1690

Total		**4.0306**	**0.2382**	**0.0000**	**9.9856**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Block C1 and St John Pav - Santa Clara County, Annual

Block C1 and St John Pav

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	300.00	Room	0.80	240,000.00	0
Apartments High Rise	1,190.00	Dwelling Unit	2.00	975,800.00	3403
Strip Mall	6.20	1000sqft	0.20	6,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2032
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	152.8	**CH4 Intensity (lb/MWhr)**	0.034	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - operations only run, 2032 completion year, RPS calculated carbon intensity

Land Use - 3.0 acres

Woodstoves - no wood or gas fireplaces or stove

Area Coating - limited to 10 g VOC/L

Energy Use - 2019 T24 factors included

Area Mitigation - 10 g VOC/L

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	150	10
tblAreaCoating	Area_EF_Residential_Exterior	150	10
tblAreaCoating	Area_EF_Residential_Interior	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	T24E	332.81	326.15
tblEnergyUse	T24E	2.05	1.83
tblEnergyUse	T24E	2.76	2.46
tblEnergyUse	T24NG	5,484.45	5,210.23
tblEnergyUse	T24NG	39.56	39.16
tblEnergyUse	T24NG	2.37	2.35
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	178.50	0.00
tblFireplaces	NumberNoFireplace	47.60	0.00
tblFireplaces	NumberWood	202.30	0.00
tblLandUse	LandUseSquareFeet	435,600.00	240,000.00
tblLandUse	LandUseSquareFeet	1,190,000.00	975,800.00
tblLandUse	LotAcreage	10.00	0.80
tblLandUse	LotAcreage	19.19	2.00
tblLandUse	LotAcreage	0.14	0.20
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.034
tblProjectCharacteristics	CO2IntensityFactor	641.35	152.8
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblWoodstoves	NumberCatalytic	23.80	0.00
tblWoodstoves	NumberNoncatalytic	23.80	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00

tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

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	5.1088	0.1016	8.8153	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4387	14.4387	0.0138	0.0000	14.7829
Energy	0.1106	0.9760	0.6297	6.0300e-003		0.0764	0.0764		0.0764	0.0764	0.0000	1,561.8678	1,561.8678	0.1250	0.0354	1,575.5305
Mobile	1.0249	4.6250	11.5683	0.0516	6.1335	0.0316	6.1651	1.6414	0.0293	1.6707	0.0000	4,752.5482	4,752.5482	0.1354	0.0000	4,755.9333
Waste						0.0000	0.0000		0.0000	0.0000	145.7800	0.0000	145.7800	8.6154	0.0000	361.1638
Water						0.0000	0.0000		0.0000	0.0000	27.1578	44.2343	71.3920	2.7992	0.0673	161.4306
Total	**6.2443**	**5.7026**	**21.0134**	**0.0581**	**6.1335**	**0.1570**	**6.2905**	**1.6414**	**0.1547**	**1.7961**	**172.9377**	**6,373.0890**	**6,546.0267**	**11.6887**	**0.1027**	**6,868.8410**

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	5.1088	0.1016	8.8153	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4387	14.4387	0.0138	0.0000	14.7829
Energy	0.1106	0.9760	0.6297	6.0300e-003		0.0764	0.0764		0.0764	0.0764	0.0000	1,561.8678	1,561.8678	0.1250	0.0354	1,575.5305

Mobile	1.0249	4.6250	11.5683	0.0516	6.1335	0.0316	6.1651	1.6414	0.0293	1.6707	0.0000	4,752.5482	4,752.5482	0.1354	0.0000	4,755.9333
Waste						0.0000	0.0000		0.0000	0.0000	23.3248	0.0000	23.3248	1.3785	0.0000	57.7862
Water						0.0000	0.0000		0.0000	0.0000	27.1578	44.2343	71.3920	2.7992	0.0673	161.4306
Total	**6.2443**	**5.7026**	**21.0134**	**0.0581**	**6.1335**	**0.1570**	**6.2905**	**1.6414**	**0.1547**	**1.7961**	**50.4826**	**6,373.0890**	**6,423.5715**	**4.4518**	**0.1027**	**6,565.4634**

	ROG	NOx	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**	**70.81**	**0.00**	**1.87**	**61.91**	**0.00**	**4.42**

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	467.5045	467.5045	0.1040	0.0153	474.6639
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	467.5045	467.5045	0.1040	0.0153	474.6639
NaturalGas Mitigated	0.1106	0.9760	0.6297	6.0300e-003		0.0764	0.0764		0.0764	0.0764	0.0000	1,094.3633	1,094.3633	0.0210	0.0201	1,100.8666
NaturalGas Unmitigated	0.1106	0.9760	0.6297	6.0300e-003		0.0764	0.0764		0.0764	0.0764	0.0000	1,094.3633	1,094.3633	0.0210	0.0201	1,100.8666

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 High Rise	9.95462e+006	0.0537	0.4587	0.1952	2.9300e-003		0.0371	0.0371		0.0371	0.0371	0.0000	531.2166	531.2166	0.0102	9.7400e-003	534.3734
Hotel	1.05384e+007	0.0568	0.5166	0.4339	3.1000e-003		0.0393	0.0393		0.0393	0.0393	0.0000	562.3692	562.3692	0.0108	0.0103	565.7110
Strip Mall	14570	8.0000e-005	7.1000e-004	6.0000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.7775	0.7775	1.0000e-005	1.0000e-005	0.7821
Total		**0.1106**	**0.9760**	**0.6297**	**6.0300e-003**		**0.0764**	**0.0764**		**0.0764**	**0.0764**	**0.0000**	**1,094.3633**	**1,094.3633**	**0.0210**	**0.0201**	**1,100.8666**

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 High Rise	9.95462e+006	0.0537	0.4587	0.1952	2.9300e-003		0.0371	0.0371		0.0371	0.0371	0.0000	531.2166	531.2166	0.0102	9.7400e-003	534.3734
Hotel	1.05384e+007	0.0568	0.5166	0.4339	3.1000e-003		0.0393	0.0393		0.0393	0.0393	0.0000	562.3692	562.3692	0.0108	0.0103	565.7110
Strip Mall	14570	8.0000e-005	7.1000e-004	6.0000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.7775	0.7775	1.0000e-005	1.0000e-005	0.7821
Total		**0.1106**	**0.9760**	**0.6297**	**6.0300e-003**		**0.0764**	**0.0764**		**0.0764**	**0.0764**	**0.0000**	**1,094.3633**	**1,094.3633**	**0.0210**	**0.0201**	**1,100.8666**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e

Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.90481e+006	339.9471	0.0756	0.0111	345.1531
Hotel	1.776e+006	123.0926	0.0274	4.0300e-003	124.9777
Strip Mall	64418	4.4647	9.9000e-004	1.5000e-004	4.5331
Total		**467.5045**	**0.1040**	**0.0153**	**474.6639**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	4.90481e+006	339.9471	0.0756	0.0111	345.1531
Hotel	1.776e+006	123.0926	0.0274	4.0300e-003	124.9777
Strip Mall	64418	4.4647	9.9000e-004	1.5000e-004	4.5331
Total		**467.5045**	**0.1040**	**0.0153**	**474.6639**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.1088	0.1016	8.8153	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4387	14.4387	0.0138	0.0000	14.7829
Unmitigated	5.1088	0.1016	8.8153	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4387	14.4387	0.0138	0.0000	14.7829

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	0.0725					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7725					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2639	0.1016	8.8153	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4387	14.4387	0.0138	0.0000	14.7829
Total	**5.1088**	**0.1016**	**8.8153**	**4.7000e-004**		**0.0490**	**0.0490**		**0.0490**	**0.0490**	**0.0000**	**14.4387**	**14.4387**	**0.0138**	**0.0000**	**14.7829**

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	0.0725					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7725					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2639	0.1016	8.8153	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4387	14.4387	0.0138	0.0000	14.7829
Total	**5.1088**	**0.1016**	**8.8153**	**4.7000e-004**		**0.0490**	**0.0490**		**0.0490**	**0.0490**	**0.0000**	**14.4387**	**14.4387**	**0.0138**	**0.0000**	**14.7829**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	71.3920	2.7992	0.0673	161.4306
Unmitigated	71.3920	2.7992	0.0673	161.4306

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
Apartments High Rise	77.5333 / 48.8797	65.5324	2.5355	0.0610	147.0968
Hotel	7.61003 / 0.845559	5.4734	0.2487	5.9600e-003	13.4644
Strip Mall	0.45925 / 0.281476	0.3862	0.0150	3.6000e-004	0.8693
Total		**71.3920**	**2.7992**	**0.0673**	**161.4306**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	77.5333 / 48.8797	65.5324	2.5355	0.0610	147.0968
Hotel	7.61003 / 0.845559	5.4734	0.2487	5.9600e-003	13.4644
Strip Mall	0.45925 / 0.281476	0.3862	0.0150	3.6000e-004	0.8693
Total		**71.3920**	**2.7992**	**0.0673**	**161.4306**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e

	MT/yr			
Mitigated	23.3248	1.3785	0.0000	57.7862
Unmitigated	145.7800	8.6154	0.0000	361.1638

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	547.4	111.1173	6.5668	0.0000	275.2883
Hotel	164.25	33.3413	1.9704	0.0000	82.6016
Strip Mall	6.51	1.3215	0.0781	0.0000	3.2739
Total		**145.7800**	**8.6154**	**0.0000**	**361.1638**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	87.584	17.7788	1.0507	0.0000	44.0461
Hotel	26.28	5.3346	0.3153	0.0000	13.2163
Strip Mall	1.0416	0.2114	0.0125	0.0000	0.5238

Total		23.3248	1.3785	0.0000	57.7862

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

C1.k **Solar**

NREL
NATIONAL RENEWABLE ENERGY LABORATORY

Caution: Photovoltaic system performance predictions calculated by PVWatts® include many inherent assumptions and uncertainties and do not reflect variations between PV technologies nor site-specific characteristics except as represented by PVWatts® inputs. For example, PV modules with better performance are not differentiated within PVWatts® from lesser performing modules. Both NREL and private companies provide more sophisticated PV modeling tools (such as the System Advisor Model at https://sam.nrel.gov) that allow for more precise and complex modeling of PV systems.

The expected range is based on 30 years of actual weather data at the given location and is intended to provide an indication of the variation you might see. For more information, please refer to this NREL report: The Error Report.

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The energy output range is based on analysis of 30 years of historical weather data for nearby , and is intended to provide an indication of the possible interannual variability in generation for a Fixed (open rack) PV system at this location.

RESULTS

12,436,246 kWh/Year*

System output may range from 11,949,989 to 12,647,662 kWh per year near this location.

Month	Solar Radiation (kWh / m^2 / day)	AC Energy (kWh)	Value ($)
January	3.48	660,099	92,942
February	4.09	702,149	98,863
March	5.78	1,056,901	148,812
April	6.62	1,177,434	165,783
May	7.23	1,295,373	182,388
June	7.72	1,335,779	188,078
July	8.06	1,416,561	199,452
August	7.64	1,325,210	186,589
September	6.80	1,130,619	159,191
October	5.43	970,380	136,630
November	4.10	734,707	103,447
December	3.36	631,033	88,849
Annual	**5.86**	**12,436,245**	**$ 1,751,024**

Location and Station Identification

Requested Location	san jose
Weather Data Source	Lat, Lon: 37.33, -121.9 0.7 mi
Latitude	37.33° N
Longitude	121.9° W

PV System Specifications *(Residential)*

DC System Size	7800 kW
Module Type	Standard
Array Type	Fixed (roof mount)
Array Tilt	20°
Array Azimuth	180°
System Losses	14.08%
Inverter Efficiency	96%
DC to AC Size Ratio	1.2

Economics

Average Retail Electricity Rate	0.141 $/kWh

Performance Metrics

Capacity Factor	18.2%