Appendix A

Air Quality and Health Risk Assumptions and Modeling Data

Phase 1 Construction Emissions

Claremont McKenna - Phase 1
Air Quality Construction Analysis

Regional Emissions (Max Daily)	Onsite Emissions									
	ROG	NOX	CO	SO2	Exhaust PM10	Fugitive PM10	Total PM10	Exhaust PM2.5	Fugitive PM2.5	Total PM2.5
Source	lb/day									
3.1. Site Prep: Roberts Sports Bowl Site (2024) - Unmitigated	0.10	0.39	4.73	0.01	0.01	0.10	0.11	0.01	0.02	0.03
3.3. Site Prep: Street Improvement (2024) - Unmitigated	0.14	1.64	6.19	0.01	0.02	0.09	0.11	0.02	0.02	0.04
3.5. Site Prep: Street Improvement (2025) - Unmitigated	0.13	1.64	6.16	0.01	0.02	0.09	0.11	0.02	0.02	0.04
3.7. Site Prep: Tunnel (2024) - Unmitigated	0.58	2.73	29.21	0.05	0.10	0.18	0.28	0.10	0.04	0.14
3.9. Grading: Roberts Sports Bowl Site (Rough) (2024) - Unmitigated	0.42	3.38	14.60	0.04	0.04	0.59	0.63	0.04	0.15	0.19
3.11. Grading: Roberts Sports Bowl Site (Rough) (2025) - Unmitigated	0.38	3.33	13.67	0.04	0.04	0.59	0.63	0.04	0.15	0.19
3.13. Grading: Roberts Sports Bowl Site (Fine) (2025) - Unmitigated	0.55	7.85	25.35	0.04	0.09	0.78	0.87	0.09	0.20	0.30
3.15. Grading: Street Improvements (Fine) (2025) - Unmitigated	0.17	3.01	7.75	0.02	0.03	0.26	0.29	0.03	0.07	0.10
3.17. Grading: Tunnel (Rough) (2024) - Unmitigated	0.23	4.58	9.10	0.02	0.05	0.63	0.69	0.04	0.17	0.21
3.19. Grading: Tunnel (Fine) (2025) - Unmitigated	0.13	1.87	6.14	0.02	0.02	0.29	0.30	0.02	0.08	0.10
3.21. BC: Structures + Parking (2024) - Unmitigated	0.32	4.42	10.80	0.03	0.04	0.48	0.53	0.04	0.12	0.17
3.23. BC: Structures + Parking (2025) - Unmitigated	0.31	4.36	11.01	0.03	0.04	0.48	0.53	0.04	0.12	0.17
3.25. BC: Street Improvements (2025) - Unmitigated	0.18	2.02	7.17	0.01	0.02	0.23	0.26	0.02	0.06	0.09
3.27. BC: Roberts Sports Bowl Utilities (2024) - Unmitigated	0.25	3.02	12.10	0.01	0.03	0.23	0.27	0.03	0.06	0.10
3.29. BC: Roberts Sports Bowl Utilities (2025) - Unmitigated	0.25	2.99	12.02	0.01	0.03	0.23	0.27	0.03	0.06	0.10
3.31. BC: Pathways + Parking (2025) - Unmitigated	0.17	1.85	4.96	0.02	0.02	0.45	0.47	0.02	0.11	0.13
3.33. BC: Tunnel (2024) - Unmitigated	0.25	1.58	7.32	0.01	0.02	0.32	0.34	0.02	0.08	0.10
3.35. BC: Tunnel (2025) - Unmitigated	0.24	1.56	7.55	0.01	0.02	0.32	0.34	0.02	0.08	0.10
3.37. Arch Coating: Structures (2025) - Unmitigated	14.94	1.45	3.23	0.00	0.01	0.19	0.20	0.01	0.04	0.05
3.39. Arch Coating: Street Improvements (2025) - Unmitigated	14.08	0.90	3.52	0.01	0.01	0.09	0.10	0.01	0.02	0.03
	ROG	NOX	CO	SO2	Exhaust PM10	Fugitive PM10	Total PM10	Exhaust PM10	Fugitive PM10	Total PM2.5
2024	2.3	21.7	94.1	0.2	0.3	2.6	3.0	0.3	0.7	1.0
2025	31.6	32.8	108.5	0.3	0.4	4.0	4.4	0.4	1.0	1.4
SCAQMD Thresholds	75	100	550	150			150			55
Project Daily Maximum Emissions	31.6	32.8	108.5	0.3	0.4	4.0	4.4	0.4	1.0	1.4

Localized Emissions (Max Daily)	Onsite Emissions									
	ROG	NOX	CO	SO2	Exhaust PM10	Fugitive PM10	Total PM10	Exhaust PM2.5	Fugitive PM2.5	Total PM2.5
Source	lb/day									
3.1. Site Prep: Roberts Sports Bowl Site (2024) - Unmitigated	0.05	0.29	4.06	0.01	0.01	0.00	0.01	0.01	0.00	0.01
3.3. Site Prep: Street Improvement (2024) - Unmitigated	0.10	1.55	5.77	0.01	0.02	0.00	0.02	0.02	0.00	0.02
3.5. Site Prep: Street Improvement (2025) - Unmitigated	0.10	1.55	5.77	0.01	0.02	0.00	0.02	0.02	0.00	0.02
3.7. Site Prep: Tunnel (2024) - Unmitigated	0.50	2.59	28.30	0.05	0.10	0.00	0.10	0.10	0.00	0.10
3.9. Grading: Roberts Sports Bowl Site (Rough) (2024) - Unmitigated	0.17	2.56	11.10	0.03	0.03	0.00	0.03	0.03	0.00	0.03
3.11. Grading: Roberts Sports Bowl Site (Rough) (2025) - Unmitigated	0.17	2.56	11.10	0.03	0.03	0.00	0.03	0.03	0.00	0.03
3.13. Grading: Roberts Sports Bowl Site (Fine) (2025) - Unmitigated	0.40	5.27	22.50	0.03	0.07	0.00	0.07	0.07	0.00	0.07
3.15. Grading: Street Improvements (Fine) (2025) - Unmitigated	0.12	2.22	6.76	0.01	0.02	0.01	0.03	0.02	0.00	0.02
3.17. Grading: Tunnel (Rough) (2024) - Unmitigated	0.12	2.28	7.02	0.01	0.02	0.01	0.03	0.02	0.00	0.02
3.19. Grading: Tunnel (Fine) (2025) - Unmitigated	0.08	0.95	5.05	0.01	0.01	0.00	0.01	0.01	0.00	0.01
3.21. BC: Structures + Parking (2024) - Unmitigated	0.18	3.20	8.92	0.02	0.03	0.00	0.03	0.03	0.00	0.03
3.23. BC: Structures + Parking (2025) - Unmitigated	0.18	3.20	8.92	0.02	0.03	0.00	0.03	0.03	0.00	0.03
3.25. BC: Street Improvements (2025) - Unmitigated	0.10	1.61	6.03	0.01	0.02	0.00	0.02	0.02	0.00	0.02
3.27. BC: Roberts Sports Bowl Utilities (2024) - Unmitigated	0.17	2.56	11.10	0.01	0.03	0.00	0.03	0.03	0.00	0.03
3.29. BC: Roberts Sports Bowl Utilities (2025) - Unmitigated	0.17	2.56	11.10	0.01	0.03	0.00	0.03	0.03	0.00	0.03
3.31. BC: Pathways + Parking (2025) - Unmitigated	0.05	0.81	3.02	0.01	0.01	0.00	0.01	0.01	0.00	0.01
3.33. BC: Tunnel (2024) - Unmitigated	0.12	1.15	5.87	0.01	0.02	0.00	0.02	0.02	0.00	0.02
3.35. BC: Tunnel (2025) - Unmitigated	0.12	1.15	5.87	0.01	0.02	0.00	0.02	0.02	0.00	0.02
3.37. Arch Coating: Structures (2025) - Unmitigated	14.85	1.38	2.06	0.00	0.01	0.00	0.01	0.01	0.00	0.01
3.39. Arch Coating: Street Improvements (2025) - Unmitigated	14.05	0.81	3.02	0.01	0.01	0.00	0.01	0.01	0.00	0.01

	ROG	NOX	CO	SO2	Exhaust PM10	Fugitive PM10	Total PM10	Exhaust PM10	Fugitive PM10	Total PM2.5
2024	1.4	16.2	82.1	0.2	0.3	0.0	0.3	0.3	0.0	0.3
2025	30.4	24.1	91.2	0.2	0.3	0.0	0.3	0.3	0.0	0.30
Localized Significance Threshold SRA 10 (Claremont)		175	1358				5			6
Localized Significance Threshold SRA 32 (Upland)		200	1877				5			8
Project Daily Maximum Emissions	30.4	24.1	91.2	0.2	0.3	0.0	0.3	0.3	0.0	0.3

Phase 2 Construction Emissions

Claremont McKenna - Phase 2
Air Quality Construction Analysis

Regional Emissions (Max Daily)	Onsite Emissions									
	ROG	NOX	CO	SO2	Exhaust PM10	Fugitive PM10	Total PM10	Exhaust PM2.5	Fugitive PM2.5	Total PM2.5
Source	lb/day									
3.1. Site Prep: Roberts Sports Bowl Site (2030) - Unmitigated	0.13	1.64	6.22	0.01	0.02	0.15	0.17	0.02	0.03	0.06
3.3. Grading: Roberts Sport Bowl (Rough) (2030) - Unmitigated	0.35	3.96	13.69	0.04	0.04	0.97	1.01	0.04	0.24	0.29
3.5. Grading: Roberts Sport Bowl (Rough) (2031) - Unmitigated	0.32	3.92	13.55	0.04	0.04	0.97	1.01	0.04	0.24	0.29
3.7. Grading: Roberts Sport Bowl (Fine) (2031) - Unmitigated	0.49	6.87	24.61	0.04	0.09	2.44	2.53	0.09	1.06	1.16
3.9. BC: Roberts Sport Bowl Utilities (2031) - Unmitigated	0.22	2.95	11.89	0.01	0.03	0.31	0.35	0.03	0.08	0.11
3.11. BC: Pathways + Parking (2031) - Unmitigated	0.14	2.52	4.83	0.02	0.03	0.77	0.80	0.03	0.19	0.23
	ROG	NOX	CO	SO2	Exhaust PM10	Fugitive PM10	Total PM10	Exhaust PM10	Fugitive PM10	Total PM2.5
2030	0.5	5.6	19.9	0.1	0.1	1.1	1.2	0.1	0.3	0.4
2031	1.2	16.3	54.9	0.1	0.2	4.5	4.7	0.2	1.6	1.8
SCAQMD Thresholds	75	100	550	150			150			55
Project Daily Maximum Emissions	1.2	16.3	54.9	0.1	0.2	4.5	4.7	0.2	1.6	1.8

Localized Emissions (Max Daily)	Onsite Emissions									
	ROG	NOX	CO	SO2	Exhaust PM10	Fugitive PM10	Total PM10	Exhaust PM2.5	Fugitive PM2.5	Total PM2.5
Source	lb/day									
3.1. Site Prep: Roberts Sports Bowl Site (2030) - Unmitigated	0.10	1.55	5.77	0.01	0.02	0.00	0.02	0.02	0.00	0.02
3.3. Grading: Roberts Sport Bowl (Rough) (2030) - Unmitigated	0.17	2.56	11.10	0.03	0.03	0.00	0.03	0.03	0.00	0.03
3.5. Grading: Roberts Sport Bowl (Rough) (2031) - Unmitigated	0.17	2.56	11.10	0.03	0.03	0.00	0.03	0.03	0.00	0.03
3.7. Grading: Roberts Sport Bowl (Fine) (2031) - Unmitigated	0.40	5.29	22.80	0.03	0.07	1.71	1.78	0.07	0.88	0.95
3.9. BC: Roberts Sport Bowl Utilities (2031) - Unmitigated	0.17	2.56	11.10	0.01	0.03	0.00	0.03	0.03	0.00	0.03
3.11. BC: Pathways + Parking (2031) - Unmitigated	0.05	0.81	3.02	0.01	0.01	0.00	0.01	0.01	0.00	0.01
	ROG	NOX	CO	SO2	Exhaust PM10	Fugitive PM10	Total PM10	Exhaust PM10	Fugitive PM10	Total PM2.5
2030	0.3	4.1	16.9	0.0	0.1	0.0	0.1	0.1	0.0	0.1
2031	0.8	11.2	48.0	0.1	0.1	1.7	1.9	0.1	0.9	1.0
Localized Significance Threshold SRA 10 (Claremont)		175	1358				5			6
Localized Significance Threshold SRA 32 (Upland)		200	1877				5			8
Project Daily Maximum Emissions	0.8	11.2	48.0	0.1	0.1	1.7	1.9	0.1	0.9	1.0

Operational Emissions

Claremont McKenna Revised Project: Operations

Maximum Daily Operational Emission

Emission Source	Average Daily Emissions (pounds per day)			
	VOC	**NO_X**	**PM_{10}**	**$PM_{2.5}$**
Area	1.55	0.02	0	0
Energy	0.03	0.58	0.04	0.04
Mobile	3.53	3.59	7.54	1.95
Total	***5.11***	***4.19***	***7.58***	***1.99***
SCAQMD Significance Thresholds	55	55	150	55

Maximum Localized Operational Emission

Emission Source	Average Daily Emissions (pounds per day)			
	NO_X	**CO**	**PM_{10}**	**$PM_{2.5}$**
Area	0.02	2.17	0	0
Energy	0.58	0.48	0.04	0.04
Total	***0.6***	***2.65***	***0.04***	***0.04***
Localized Significance Threshold SRA 10 (Claremont)	**175**	**1,358**	**5.0**	**6.0**
Localized Significance Threshold SRA 32 (Upland)	**200**	**1,877**	**5**	**8**

Phase 1 Health Risk Assessment

Claremont McKenna Health Risk Assessment

Health Risk Assessment Results Summary		School Risk max	0.07		0.62	0.70
		Non-dorm or school max	0.23118839		4.1	7.88
		MAX:	0.32	0.0000	3.58	3.90
Unique Identifier	X (UTM)	Y (UTM)	Onroad	Onsite	Offroad	Total Risk
4349803774260	434980	3774260	0.013395985	0	0.1814789	0.1948749
4350003774260	435000	3774260	0.013842477	0	0.193616989	0.2074595
4350203774260	435020	3774260	0.014372154	0	0.207488793	0.2218609
4349803774280	434980	3774280	0.01334511	0	0.171979811	0.1853249
4350003774280	435000	3774280	0.013774677	0	0.182786584	0.1965613
4350203774280	435020	3774280	0.014303226	0	0.19506763	0.2093709
4349803774300	434980	3774300	0.013321518	0	0.163126818	0.1764483
4350003774300	435000	3774300	0.013744111	0	0.172504432	0.1862485
4350203774300	435020	3774300	0.014263633	0	0.183281017	0.1975447
4349803774320	434980	3774320	0.013290644	0	0.154735086	0.1680257
4350003774320	435000	3774320	0.013755189	0	0.163173987	0.1769292
4350203774320	435020	3774320	0.014259018	0	0.172558242	0.1868173
4349803774340	434980	3774340	0.013267668	0	0.14673948	0.1600071
4350003774340	435000	3774340	0.013635078	0	0.15371775	0.1673528
4350203774340	435020	3774340	0.014196552	0	0.162382873	0.1765794
4348603774280	434860	3774280	0.011060852	0	0.125852674	0.1369135
4348803774280	434880	3774280	0.011383336	0	0.131873238	0.1432566
4349003774280	434900	3774280	0.01174736	0	0.138459337	0.1502067
4349203774280	434920	3774280	0.012138874	0	0.14566072	0.1577996
4348603774300	434860	3774300	0.010999925	0	0.121009035	0.132009
4348803774300	434880	3774300	0.011347846	0	0.126595697	0.1379435
4349003774300	434900	3774300	0.011714845	0	0.132665507	0.1443804
4349203774300	434920	3774300	0.012105538	0	0.139274583	0.1513801
4348603774320	434860	3774320	0.010979821	0	0.116437726	0.1274175
4348803774320	434880	3774320	0.011330204	0	0.121607092	0.1329373
4349003774320	434900	3774320	0.011693408	0	0.127191669	0.1388851
4349203774320	434920	3774320	0.012069331	0	0.133239004	0.1453083
4347803774340	434780	3774340	0.009772355	0	0.096032266	0.1058046
4348003774340	434800	3774340	0.010045501	0	0.099644411	0.1096899
4348203774340	434820	3774340	0.0103247	0	0.10349813	0.1138228
4348403774340	434840	3774340	0.010635798	0	0.107637995	0.1182738
4348603774340	434860	3774340	0.010965256	0	0.112081819	0.1230471
4348803774340	434880	3774340	0.01131451	0	0.1168617	0.1281762
4349003774340	434900	3774340	0.011661303	0	0.121985122	0.1336464
4349203774340	434920	3774340	0.012040714	0	0.127532107	0.1395728
4349403774340	434940	3774340	0.012434997	0	0.133529482	0.1459645
4349603774340	434960	3774340	0.012840255	0	0.1399125	0.1527528
4347803774360	434780	3774360	0.00973707	0	0.092964905	0.102702
4348003774360	434800	3774360	0.010016269	0	0.096353231	0.1063695
4348203774360	434820	3774360	0.010300596	0	0.099945865	0.1102465
4348403774360	434840	3774360	0.01061077	0	0.103803098	0.1144139
4348603774360	434860	3774360	0.010928433	0	0.107910043	0.1188385
4348803774360	434880	3774360	0.011278508	0	0.112327868	0.1236064
4349003774360	434900	3774360	0.011623762	0	0.116987219	0.128611
4349203774360	434920	3774360	0.011998044	0	0.122002303	0.1340003
4349403774360	434940	3774360	0.012398789	0	0.127391154	0.1397899
4349603774360	434960	3774360	0.012815535	0	0.133157402	0.1459729
4347803774380	434780	3774380	0.00970394	0	0.090022584	0.0997265
4348003774380	434800	3774380	0.00998642	0	0.093193026	0.1031794
4348203774380	434820	3774380	0.010276389	0	0.096552332	0.1068287
4348403774380	434840	3774380	0.010590461	0	0.100136827	0.1107273
4348603774380	434860	3774380	0.010901149	0	0.103889246	0.1147904
4348803774380	434880	3774380	0.011255532	0	0.107971892	0.1192274
4349003774380	434900	3774380	0.011597812	0	0.112166786	0.1237646
4349203774380	434920	3774380	0.011961221	0	0.116695759	0.128657
4349403774380	434940	3774380	0.012361043	0	0.121586788	0.1339478
4349603774380	434960	3774380	0.012779943	0	0.126811076	0.139591
4347803774400	434780	3774400	0.009675425	0	0.08717771	0.0968531
4348003774400	434800	3774400	0.009948161	0	0.090094434	0.1000426
4348203774400	434820	3774400	0.010243258	0	0.093201942	0.1034452
4348403774400	434840	3774400	0.010559485	0	0.096517437	0.1070769
4348603774400	434860	3774400	0.010884225	0	0.100008713	0.1108929
4348803774400	434880	3774400	0.011237274	0	0.103766789	0.1150041
4349003774400	434900	3774400	0.011566322	0	0.107582259	0.1191486
4349203774400	434920	3774400	0.011935578	0	0.111716525	0.1236521
4349403774400	434940	3774400	0.01232104	0	0.116125015	0.1284461
4349603774400	434960	3774400	0.012740351	0	0.120846809	0.1335872
4347803774420	434780	3774420	0.009644449	0	0.084356025	0.0940005
4348003774420	434800	3774420	0.009923032	0	0.087086252	0.0970093
4348203774420	434820	3774420	0.010212179	0	0.089973019	0.1001852
4348403774420	434840	3774420	0.010524406	0	0.093036939	0.1035613
4348603774420	434860	3774420	0.010853864	0	0.096278397	0.1071323
4348803774420	434880	3774420	0.011216965	0	0.099786982	0.1110039
4349003774420	434900	3774420	0.011544885	0	0.10328074	0.1148256
4349203774420	434920	3774420	0.011905012	0	0.107019094	0.1189241
4349403774420	434940	3774420	0.012291089	0	0.111028205	0.1233193
4349603774420	434960	3774420	0.012712451	0	0.115313847	0.1280263
4347803774440	434780	3774440	0.009612036	0	0.081654049	0.0912661
4348003774440	434800	3774440	0.009893081	0	0.08421086	0.0941039
4348203774440	434820	3774440	0.010178023	0	0.086877438	0.0970555
4348403774440	434840	3774440	0.010477428	0	0.089671536	0.100149
4348603774440	434860	3774440	0.010790988	0	0.09260893	0.1033999
4348803774440	434880	3774440	0.011139627	0	0.095775965	0.1069156
4349003774440	434900	3774440	0.011514011	0	0.099144721	0.1106587
4349203774440	434920	3774440	0.011874343	0	0.102580873	0.1144552
4349403774440	434940	3774440	0.012263395	0	0.10621699	0.1184804
4349603774440	434960	3774440	0.012666192	0	0.110046642	0.1227128
4349803774340	434980	3774340	0.013267668	0	0.14673948	0.1600071
4350003774340	435000	3774340	0.013635078	0	0.15371775	0.1673528
4350203774340	435020	3774340	0.014196552	0	0.162382873	0.1765794
4349803774360	434980	3774360	0.013230025	0	0.139253617	0.1524836
4350003774360	435000	3774360	0.013587998	0	0.14540911	0.1589971
4350203774360	435020	3774360	0.014183628	0	0.15325271	0.1674363
4350403774360	435040	3774360	0.014727049	0	0.161271127	0.1759982
4350603774360	435060	3774360	0.015295806	0	0.1700002	0.185296
4349803774380	434980	3774380	0.01319833	0	0.132313662	0.145512
4350003774380	435000	3774380	0.013562253	0	0.137824022	0.1513863
4350203774380	435020	3774380	0.014158601	0	0.144790646	0.1589492
4350403774380	435040	3774380	0.014712689	0	0.151907624	0.1666203
4350603774380	435060	3774380	0.015308012	0	0.159629391	0.1749374
4350803774380	435080	3774380	0.015950004	0	0.1680329	0.1839829
4351003774380	435100	3774380	0.01660133	0	0.176948481	0.1935498
4351203774380	435120	3774380	0.017300455	0	0.186537839	0.2038383
4351403774380	435140	3774380	0.018038761	0	0.190447021	0.2084858
4349803774400	434980	3774400	0.013178124	0	0.12588768	0.1390658
4350003774400	435000	3774400	0.013568202	0	0.130889327	0.1444575
4350203774400	435020	3774400	0.014162088	0	0.137091986	0.1512541
4350403774400	435040	3774400	0.014686431	0	0.143246358	0.1579328
4350603774400	435060	3774400	0.015274779	0	0.149962036	0.1652368
4350803774400	435080	3774400	0.015882718	0	0.157031372	0.1729141
4351003774400	435100	3774400	0.016535275	0	0.160019816	0.1765551
4351203774400	435120	3774400	0.017272248	0	0.167819366	0.1850916
4351403774400	435140	3774400	0.017936703	0	0.174590925	0.1925276
4349803774420	434980	3774420	0.013174226	0	0.119934446	0.1331087
4350003774420	435000	3774420	0.013548816	0	0.124356869	0.1379057
4350203774420	435020	3774420	0.014136753	0	0.129866415	0.1440032
4350403774420	435040	3774420	0.014705715	0	0.135500692	0.1502064
4350603774420	435060	3774420	0.015295191	0	0.141411288	0.1567065
4350803774420	435080	3774420	0.015822303	0	0.142935027	0.1587573
4351003774420	435100	3774420	0.016500606	0	0.149250226	0.1657508
4351203774420	435120	3774420	0.017221475	0	0.155712079	0.1729336
4351403774420	435140	3774420	0.017964089	0	0.162228962	0.1801931
4356003773820	435600	3773820	0.166804434	0	7.066340344	7.2331448
4356203773820	435620	3773820	0.211007942	0	6.096806161	6.3078141
4356403773820	435640	3773820	0.14270321	0	5.372180191	5.5148834
4356603773820	435660	3773820	0.108778244	0	4.797203759	4.905982
4356803773820	435680	3773820	0.088367528	0	4.329141415	4.4175089
4357003773820	435700	3773820	0.074981697	0	3.93767707	4.0126588
4357203773820	435720	3773820	0.065073334	0	3.604325709	3.669399
4357403773820	435740	3773820	0.057547182	0	3.318019693	3.3755669
4356003773840	435600	3773840	0.231188387	0	7.005158933	7.2363473
4356203773840	435620	3773840	0.203155103	0	6.200648517	6.4038036
4356403773840	435640	3773840	0.139370677	0	5.417849697	5.5572204
4356603773840	435660	3773840	0.106998739	0	4.797977432	4.9049762
4356803773840	435680	3773840	0.087494135	0	4.303749723	4.3912439
4357003773840	435700	3773840	0.074217953	0	3.89934851	3.9735665
4357203773840	435720	3773840	0.064554939	0	3.561677568	3.6262325
4357403773840	435740	3773840	0.057223263	0	3.274080264	3.3313035
4356003773860	435600	3773860	0.157668225	0	6.938749935	7.0964182
4356203773860	435620	3773860	0.205287042	0	6.095508561	6.3007956
4356403773860	435640	3773860	0.140230325	0	5.310897277	5.4511276
4356603773860	435660	3773860	0.107408305	0	4.701583827	4.8089921
4356803773860	435680	3773860	0.087494545	0	4.219179692	4.3066742
4357003773860	435700	3773860	0.074102766	0	3.823648938	3.8977517
4357203773860	435720	3773860	0.064371337	0	3.495033491	3.5594048
4357403773860	435740	3773860	0.056979554	0	3.215988256	3.2729678
4356003773880	435600	3773880	0.153736471	0	6.868829642	7.0225661
4356203773880	435620	3773880	0.206949719	0	5.989961677	6.1969114
4356403773880	435640	3773880	0.14069569	0	5.211540094	5.3522358
4356603773880	435660	3773880	0.107369021	0	4.620378651	4.7277477
4356803773880	435680	3773880	0.087336996	0	4.146981009	4.234318
4357003773880	435700	3773880	0.073695662	0	3.755351375	3.829047
4357203773880	435720	3773880	0.06407183	0	3.429663778	3.4937356
4357403773880	435740	3773880	0.056889599	0	3.158413763	3.2153034
4356003773900	435600	3773900	0.153513482	0	6.794505269	6.9480188
4356203773900	435620	3773900	0.207508731	0	5.892373073	6.0998818
4356403773900	435640	3773900	0.140618043	0	5.117845258	5.2584633
4356603773900	435660	3773900	0.107114132	0	4.533034258	4.6401484
4356803773900	435680	3773900	0.086993794	0	4.066984838	4.1539786
4357003773900	435700	3773900	0.073636273	0	3.681620516	3.7552568
4357203773900	435720	3773900	0.064009056	0	3.362255801	3.4262649
4357403773900	435740	3773900	0.056600452	0	3.096611032	3.1532115

Claremont McKenna Health Risk Assessment

Health Risk Assessment Results Su	School Risk max		0.70
	Non-dorm or scho		4.20
Sensitive Receptors		MAX:	4.30
Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4349803774260	434980	3774260	0.194874885
4350003774260	435000	3774260	0.207459466
4350203774260	435020	3774260	0.221860947
4349803774280	434980	3774280	0.18532492
4350003774280	435000	3774280	0.196561262
4350203774280	435020	3774280	0.209370856
4349803774300	434980	3774300	0.176448336
4350003774300	435000	3774300	0.186248544
4350203774300	435020	3774300	0.197544651
4349803774320	434980	3774320	0.168025731
4350003774320	435000	3774320	0.176929175
4350203774320	435020	3774320	0.18681726
4349803774340	434980	3774340	0.160007148
4350003774340	435000	3774340	0.167352828
4350203774340	435020	3774340	0.176579425
4348603774280	434860	3774280	0.136913526
4348803774280	434880	3774280	0.143256574
4349003774280	434900	3774280	0.150206698
4349203774280	434920	3774280	0.157799594
4348603774300	434860	3774300	0.13200896
4348803774300	434880	3774300	0.137943543
4349003774300	434900	3774300	0.144380352
4349203774300	434920	3774300	0.151380121
4348603774320	434860	3774320	0.127417548
4348803774320	434880	3774320	0.132937295
4349003774320	434900	3774320	0.138885076
4349203774320	434920	3774320	0.145308335
4347803774340	434780	3774340	0.105804621
4348003774340	434800	3774340	0.109689913
4348203774340	434820	3774340	0.11382283
4348403774340	434840	3774340	0.118273793
4348603774340	434860	3774340	0.123047075
4348803774340	434880	3774340	0.128176211
4349003774340	434900	3774340	0.133646425
4349203774340	434920	3774340	0.13957282
4349403774340	434940	3774340	0.145964479
4349603774340	434960	3774340	0.152752755
4347803774360	434780	3774360	0.102701976
4348003774360	434800	3774360	0.106369499
4348203774360	434820	3774360	0.110246461
4348403774360	434840	3774360	0.114413868
4348603774360	434860	3774360	0.118838476
4348803774360	434880	3774360	0.123606376
4349003774360	434900	3774360	0.128610981
4349203774360	434920	3774360	0.134000347
4349403774360	434940	3774360	0.139789943
4349603774360	434960	3774360	0.145972937
4347803774380	434780	3774380	0.099726524
4348003774380	434800	3774380	0.103179447
4348203774380	434820	3774380	0.10682872
4348403774380	434840	3774380	0.110727289
4348603774380	434860	3774380	0.114790395
4348803774380	434880	3774380	0.119227424
4349003774380	434900	3774380	0.123764597
4349203774380	434920	3774380	0.12865698
4349403774380	434940	3774380	0.133947831
4349603774380	434960	3774380	0.139591019
4347803774400	434780	3774400	0.096853135
4348003774400	434800	3774400	0.100042596
4348203774400	434820	3774400	0.1034452
4348403774400	434840	3774400	0.107076922
4348603774400	434860	3774400	0.110892938
4348803774400	434880	3774400	0.115004063
4349003774400	434900	3774400	0.119148581
4349203774400	434920	3774400	0.123652103
4349403774400	434940	3774400	0.128446056
4349603774400	434960	3774400	0.13358716
4347803774420	434780	3774420	0.094000473
4348003774420	434800	3774420	0.097009283
4348203774420	434820	3774420	0.100185198
4348403774420	434840	3774420	0.103561344
4348603774420	434860	3774420	0.107132261
4348803774420	434880	3774420	0.111003948
4349003774420	434900	3774420	0.114825625
4349203774420	434920	3774420	0.118924106
4349403774420	434940	3774420	0.123319294
4349603774420	434960	3774420	0.128026298
4347803774440	434780	3774440	0.091266085
4348003774440	434800	3774440	0.094103941
4348203774440	434820	3774440	0.097055461
4348403774440	434840	3774440	0.100148965
4348603774440	434860	3774440	0.103399918
4348803774440	434880	3774440	0.106915592
4349003774440	434900	3774440	0.110658732
4349203774440	434920	3774440	0.114455216
4349403774440	434940	3774440	0.118480385
4349603774440	434960	3774440	0.122712833
4349803774340	434980	3774340	0.160007148
4350003774340	435000	3774340	0.167352828
4350203774340	435020	3774340	0.176579425
4349803774360	434980	3774360	0.152483642
4350003774360	435000	3774360	0.158997108
4350203774360	435020	3774360	0.167436338
4350403774360	435040	3774360	0.175998177
4350603774360	435060	3774360	0.185296006
4349803774380	434980	3774380	0.145511993
4350003774380	435000	3774380	0.151386274
4350203774380	435020	3774380	0.158949246
4350403774380	435040	3774380	0.166620314
4350603774380	435060	3774380	0.174937403
4350803774380	435080	3774380	0.183982904
4351003774380	435100	3774380	0.193549811
4351203774380	435120	3774380	0.203838294
4351403774380	435140	3774380	0.208485782
4349803774400	434980	3774400	0.139065804
4350003774400	435000	3774400	0.144457529
4350203774400	435020	3774400	0.151254074
4350403774400	435040	3774400	0.157932789
4350603774400	435060	3774400	0.165236815
4350803774400	435080	3774400	0.17291409
4351003774400	435100	3774400	0.17655509
4351203774400	435120	3774400	0.185091614
4351403774400	435140	3774400	0.192527628
4349803774420	434980	3774420	0.133108673
4350003774420	435000	3774420	0.137905685
4350203774420	435020	3774420	0.144003168
4350403774420	435040	3774420	0.150206406
4350603774420	435060	3774420	0.156706479
4350803774420	435080	3774420	0.15875733
4351003774420	435100	3774420	0.165750831
4351203774420	435120	3774420	0.172933554
4351403774420	435140	3774420	0.180193051
4356003773820	435600	3773820	7.233144778
4356203773820	435620	3773820	6.307814103
4356403773820	435640	3773820	5.514883401
4356603773820	435660	3773820	4.905982004
4356803773820	435680	3773820	4.417508943
4357003773820	435700	3773820	4.012658767
4357203773820	435720	3773820	3.669399043
4357403773820	435740	3773820	3.375566875
4356003773840	435600	3773840	7.23634732
4356203773840	435620	3773840	6.40380362
4356403773840	435640	3773840	5.557220374
4356603773840	435660	3773840	4.904976171
4356803773840	435680	3773840	4.391243858
4357003773840	435700	3773840	3.973566463
4357203773840	435720	3773840	3.626232507
4357403773840	435740	3773840	3.331303527
4356003773860	435600	3773860	7.09641816
4356203773860	435620	3773860	6.300795603
4356403773860	435640	3773860	5.451127602
4356603773860	435660	3773860	4.808992132
4356803773860	435680	3773860	4.306674238
4357003773860	435700	3773860	3.897751704
4357203773860	435720	3773860	3.559404828
4357403773860	435740	3773860	3.27296781
4356003773880	435600	3773880	7.022566113
4356203773880	435620	3773880	6.196911395
4356403773880	435640	3773880	5.352235783
4356603773880	435660	3773880	4.727747672
4356803773880	435680	3773880	4.234318006
4357003773880	435700	3773880	3.829047036
4357203773880	435720	3773880	3.493735608
4357403773880	435740	3773880	3.215303362
4356003773900	435600	3773900	6.948018751
4356203773900	435620	3773900	6.099881804
4356403773900	435640	3773900	5.258463302
4356603773900	435660	3773900	4.640148389
4356803773900	435680	3773900	4.153978631
4357003773900	435700	3773900	3.755256789
4357203773900	435720	3773900	3.426264857
4357403773900	435740	3773900	3.153211483

FOR CHRONIC CALCS

MAX:	0.08					
Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0	0.001032429	0.003095708	0	0	0	0
0	0.001083893	0.003288473	0	0	0	0
0	0.001143317	0.003509276	0	0	0	0
0	0.000985758	0.002941011	0	0	0	0
0	0.00103165	0.003112781	0	0	0	0
0	0.001085093	0.003309052	0	0	0	0
0	0.000943245	0.002797632	0	0	0	0
0	0.000983655	0.002947264	0	0	0	0
0	0.001031236	0.003120161	0	0	0	0
0	0.000902997	0.002661735	0	0	0	0
0	0.000941087	0.002797908	0	0	0	0
0	0.000983007	0.002948976	0	0	0	0
0	0.000865056	0.002532572	0	0	0	0
0	0.00089503	0.002644004	0	0	0	0
0	0.000936004	0.002785448	0	0	0	0
0	0.000775125	0.00219564	0	0	0	0
0	0.000803469	0.002293627	0	0	0	0
0	0.00083476	0.00240106	0	0	0	0
0	0.000868793	0.002518377	0	0	0	0
0	0.000747252	0.002113652	0	0	0	0
0	0.000774504	0.00220542	0	0	0	0
0	0.000803776	0.002304844	0	0	0	0
0	0.000835381	0.002412878	0	0	0	0
0	0.000722351	0.002037419	0	0	0	0
0	0.000747963	0.002122707	0	0	0	0
0	0.000775154	0.002214449	0	0	0	0
0	0.000804033	0.002313325	0	0	0	0
0	0.000617917	0.001698807	0	0	0	0
0	0.000636218	0.001758785	0	0	0	0
0	0.000655491	0.001822552	0	0	0	0
0	0.00067647	0.001891289	0	0	0	0
0	0.000698879	0.001964979	0	0	0	0
0	0.000722863	0.002044139	0	0	0	0
0	0.000747771	0.002128316	0	0	0	0
0	0.000774772	0.00221949	0	0	0	0
0	0.000803412	0.002317612	0	0	0	0
0	0.00083343	0.00242166	0	0	0	0
0	0.000599717	0.00164649	0	0	0	0
0	0.000617252	0.001703091	0	0	0	0
0	0.000635481	0.001762801	0	0	0	0
0	0.000655356	0.001827148	0	0	0	0
0	0.000676022	0.001895257	0	0	0	0
0	0.000698543	0.001968762	0	0	0	0
0	0.000721476	0.00204561	0	0	0	0
0	0.000746337	0.002128463	0	0	0	0
0	0.00077283	0.002217325	0	0	0	0
0	0.00080071	0.00231203	0	0	0	0
0	0.000582482	0.001596473	0	0	0	0
0	0.000599179	0.001649709	0	0	0	0
0	0.000616614	0.0017059	0	0	0	0
0	0.000635372	0.001765985	0	0	0	0
0	0.000654523	0.001828474	0	0	0	0
0	0.000675803	0.001896837	0	0	0	0
0	0.000696836	0.001966401	0	0	0	0
0	0.000719472	0.002041434	0	0	0	0
0	0.000743986	0.002122539	0	0	0	0
0	0.000769824	0.002208889	0	0	0	0
0	0.000566044	0.001548289	0	0	0	0
0	0.000581514	0.001597384	0	0	0	0
0	0.000598069	0.001649756	0	0	0	0
0	0.000615803	0.001705691	0	0	0	0
0	0.000634204	0.001764364	0	0	0	0
0	0.000654123	0.001827615	0	0	0	0
0	0.000673375	0.001891029	0	0	0	0
0	0.000694515	0.001959985	0	0	0	0
0	0.000716829	0.002033323	0	0	0	0
0	0.000740717	0.002111882	0	0	0	0
0	0.000550084	0.001500745	0	0	0	0
0	0.00056486	0.001546986	0	0	0	0
0	0.000580423	0.001595818	0	0	0	0
0	0.000597033	0.00164773	0	0	0	0
0	0.000614534	0.001702595	0	0	0	0
0	0.000633717	0.001762177	0	0	0	0
0	0.000651661	0.001820554	0	0	0	0
0	0.000670971	0.001883127	0	0	0	0
0	0.000691745	0.00195028	0	0	0	0
0	0.000713996	0.002022123	0	0	0	0
0	0.000534858	0.001455251	0	0	0	0
0	0.000548987	0.001498829	0	0	0	0
0	0.000563539	0.001544118	0	0	0	0
0	0.000578701	0.001591512	0	0	0	0
0	0.000594553	0.00164127	0	0	0	0
0	0.000611978	0.001695193	0	0	0	0
0	0.000630571	0.001752605	0	0	0	0
0	0.000648786	0.001810549	0	0	0	0
0	0.000668075	0.001871898	0	0	0	0
0	0.000688158	0.001936321	0	0	0	0
0	0.000865056	0.002532572	0	0	0	0
0	0.00089503	0.002644004	0	0	0	0
0	0.000936004	0.002785448	0	0	0	0
0	0.000829276	0.002411406	0	0	0	0
0	0.000855921	0.002509949	0	0	0	0
0	0.000894657	0.002639455	0	0	0	0
0	0.000931807	0.002769848	0	0	0	0
0	0.000971557	0.002911221	0	0	0	0
0	0.000796234	0.00229918	0	0	0	0
0	0.000820665	0.00238795	0	0	0	0
0	0.000856104	0.002503936	0	0	0	0
0	0.000890221	0.002620724	0	0	0	0
0	0.000926902	0.002747172	0	0	0	0
0	0.000966447	0.002884491	0	0	0	0
0	0.001007246	0.003029238	0	0	0	0
0	0.001050537	0.003184484	0	0	0	0
0	0.001074991	0.003254119	0	0	0	0
0	0.000765914	0.002195496	0	0	0	0
0	0.00078906	0.002276961	0	0	0	0
0	0.000821506	0.002381071	0	0	0	0
0	0.000851352	0.002482449	0	0	0	0
0	0.000884125	0.002593271	0	0	0	0
0	0.000917857	0.002709331	0	0	0	0
0	0.000938493	0.002764255	0	0	0	0
0	0.000976619	0.002893169	0	0	0	0
0	0.001008309	0.003004122	0	0	0	0
0	0.000738131	0.002099708	0	0	0	0
0	0.000758769	0.002171954	0	0	0	0
0	0.000788412	0.002265214	0	0	0	0
0	0.000817415	0.002359524	0	0	0	0
0	0.00084724	0.002457994	0	0	0	0
0	0.000859859	0.002488115	0	0	0	0
0	0.000892168	0.002593795	0	0	0	0
0	0.000925058	0.002701882	0	0	0	0
0	0.000957896	0.002810691	0	0	0	0
0	0.031342997	0.112966821	0	0	0	0
0	0.028364915	0.09863915	0	0	0	0
0	0.024962603	0.086765959	0	0	0	0
0	0.02245726	0.077547558	0	0	0	0
0	0.020468048	0.070101475	0	0	0	0
0	0.018821388	0.06389729	0	0	0	0
0	0.017417035	0.058616907	0	0	0	0
0	0.016204017	0.054079561	0	0	0	0
0	0.031314139	0.112360546	0	0	0	0
0	0.027994914	0.099656447	0	0	0	0
0	0.024513377	0.087002415	0	0	0	0
0	0.021947255	0.077175983	0	0	0	0
0	0.019942836	0.069390451	0	0	0	0
0	0.01830587	0.063030136	0	0	0	0
0	0.016931551	0.057717998	0	0	0	0
0	0.015754804	0.053191643	0	0	0	0
0	0.029754227	0.110154761	0	0	0	0
0	0.027225388	0.09776554	0	0	0	0
0	0.023771383	0.085105164	0	0	0	0
0	0.021267655	0.075456959	0	0	0	0
0	0.019324118	0.067864651	0	0	0	0
0	0.017742284	0.061656835	0	0	0	0
0	0.016419688	0.056497159	0	0	0	0
0	0.01528933	0.052112992	0	0	0	0
0	0.028993999	0.108698329	0	0	0	0
0	0.026473609	0.0958812	0	0	0	0
0	0.023057847	0.083323796	0	0	0	0
0	0.020622702	0.073954245	0	0	0	0
0	0.018728493	0.066511868	0	0	0	0
0	0.017185723	0.060381466	0	0	0	0
0	0.015905459	0.055290352	0	0	0	0
0	0.014819959	0.051038462	0	0	0	0
0	0.028299873	0.107245827	0	0	0	0
0	0.025757282	0.094120414	0	0	0	0
0	0.022372046	0.081632898	0	0	0	0
0	0.019979203	0.072374335	0	0	0	0
0	0.018129297	0.0650573	0	0	0	0
0	0.016632866	0.059041137	0	0	0	0
0	0.015394753	0.054061061	0	0	0	0
0	0.014346524	0.04990688	0	0	0	0

Health Risk Assessment Results Summary

	School Risk max		0.07		0.62	0.70
	Non-dorm or school max		0.23118839		4.1	7.88
		MAX:	0.32	0.0000	3.58	3.90
Unique Identifier	X (UTM)	Y (UTM)	Onroad	Onsite	Offroad	Total Risk
4356003773920	435600	3773920	0.157134342	0	6.712123671	6.869258
4356203773920	435620	3773920	0.207731515	0	5.789663186	5.9973947
4356403773920	435640	3773920	0.140500497	0	5.019931772	5.1604323
4356603773920	435660	3773920	0.106950839	0	4.441014444	4.5479653
4356803773920	435680	3773920	0.086793985	0	3.981377738	4.0681717
4357003773920	435700	3773920	0.07338364	0	3.603685943	3.6770696
4357203773920	435720	3773920	0.06372514	0	3.292225637	3.3559508
4357403773920	435740	3773920	0.056325664	0	3.032809936	3.0891356
4356003773940	435600	3773940	0.164833018	0	6.62660678	6.7914398
4356203773940	435620	3773940	0.207394569	0	5.68158072	5.8889753
4356403773940	435640	3773940	0.140213606	0	4.916127596	5.0563412
4356603773940	435660	3773940	0.106798213	0	4.345346647	4.4521449
4356803773940	435680	3773940	0.0867108	0	3.892773905	3.9794847
4357003773940	435700	3773940	0.073318508	0	3.522748517	3.596067
4357203773940	435720	3773940	0.063530255	0	3.218234608	3.2817649
4357403773940	435740	3773940	0.056281661	0	2.965659188	3.0219408
4356003773960	435600	3773960	0.229267231	0	6.534551941	6.7638192
4356203773960	435620	3773960	0.207111884	0	5.564489448	5.7716013
4356403773960	435640	3773960	0.139919637	0	4.806194855	4.9461145
4356603773960	435660	3773960	0.106632253	0	4.243363925	4.3499962
4356803773960	435680	3773960	0.086558892	0	3.798448922	3.8850078
4357003773960	435700	3773960	0.073131008	0	3.437538801	3.5106698
4357203773960	435720	3773960	0.063435992	0	3.142564335	3.2060003
4357403773960	435740	3773960	0.056040106	0	2.896831931	2.952872
4356003773980	435600	3773980	0.156859862	0	6.428014007	6.5848739
4356203773980	435620	3773980	0.20650415	0	5.43182708	5.6383312
4356403773980	435640	3773980	0.139731727	0	4.688878028	4.8286098
4356603773980	435660	3773980	0.106500141	0	4.131280602	4.2377807
4356803773980	435680	3773980	0.086481656	0	3.695300381	3.781782
4357003773980	435700	3773980	0.073038591	0	3.346494667	3.4195333
4357203773980	435720	3773980	0.063319266	0	3.061351022	3.1246703
4357403773980	435740	3773980	0.056008514	0	2.823756577	2.8797651
4356003774000	435600	3774000	0.152965752	0	6.314628576	6.4675943
4356203774000	435620	3774000	0.205409922	0	5.29511899	5.5005289
4356403774000	435640	3774000	0.139284722	0	4.562738023	4.7020227
4356603774000	435660	3774000	0.106297153	0	4.016940309	4.1232375
4356803774000	435680	3774000	0.086400523	0	3.591930738	3.6783313
4357003774000	435700	3774000	0.072964535	0	3.252925868	3.3258904
4357203774000	435720	3774000	0.063291264	0	2.976606587	3.0398979
4357403774000	435740	3774000	0.055823886	0	2.74849467	2.8043186
4357603774000	435760	3774000	0.050046571	0	2.551700701	2.6017473
4356003774020	435600	3774020	0.153003293	0	6.186897766	6.3399011
4356203774020	435620	3774020	0.205803179	0	5.214509064	5.4203122
4356403774020	435640	3774020	0.139360933	0	4.474901727	4.6142627
4356603774020	435660	3774020	0.106064419	0	3.925813774	4.0318782
4356803774020	435680	3774020	0.085994444	0	3.505039171	3.5910336
4357003774020	435700	3774020	0.072738058	0	3.167704257	3.2404423
4357203774020	435720	3774020	0.063090532	0	2.893853976	2.9569445
4357403774020	435740	3774020	0.055760497	0	2.669550565	2.7253111
4357603774020	435760	3774020	0.049978259	0	2.481743322	2.5317216
4357803774020	435780	3774020	0.045275376	0	2.318711647	2.363987
4358003774020	435800	3774020	0.041387215	0	2.176633583	2.2180208
4358203774020	435820	3774020	0.038208333	0	2.051335564	2.0895439
4356003774040	435600	3774040	0.156562816	0	6.033779151	6.190342
4356203774040	435620	3774040	0.205753022	0	5.052124632	5.2578777
4356403774040	435640	3774040	0.139209743	0	4.329964427	4.4691742
4356603774040	435660	3774040	0.105897331	0	3.797311986	3.9032093
4356803774040	435680	3774040	0.085787558	0	3.390065492	3.475853
4357003774040	435700	3774040	0.072540301	0	3.065268846	3.1378091
4357203774040	435720	3774040	0.063023143	0	2.802068534	2.8650917
4357403774040	435740	3774040	0.055633617	0	2.586423563	2.6420572
4357603774040	435760	3774040	0.049876816	0	2.405540728	2.4554175
4357803774040	435780	3774040	0.045209218	0	2.249328187	2.2945374
4358003774040	435800	3774040	0.04135111	0	2.113342122	2.1546932
4358203774040	435820	3774040	0.038111198	0	1.993528834	2.03164
4356003774060	435600	3774060	0.164132868	0	5.868757398	6.0328903
4356203774060	435620	3774060	0.205336584	0	4.8704676	5.0758042
4356403774060	435640	3774060	0.139210256	0	4.16902019	4.3082304
4356603774060	435660	3774060	0.105876407	0	3.655774205	3.7616506
4356803774060	435680	3774060	0.085851152	0	3.263862186	3.3497133
4357003774060	435700	3774060	0.072529121	0	2.954908483	3.0274376
4357203774060	435720	3774060	0.062920572	0	2.704488995	2.7674096
4357403774060	435740	3774060	0.055618026	0	2.498793053	2.5544111
4357603774060	435760	3774060	0.049840096	0	2.32561817	2.3754583
4357803774060	435780	3774060	0.045165112	0	2.176870482	2.2220356
4358003774060	435800	3774060	0.041292132	0	2.04729965	2.0885918
4358203774060	435820	3774060	0.038137046	0	1.933036997	1.971174
4358403774060	435840	3774060	0.035363217	0	1.830848322	1.8662115
4356003774080	435600	3774080	0.228252188	0	5.685347956	5.9136001
4356203774080	435620	3774080	0.205033589	0	4.680569725	4.8856033
4356403774080	435640	3774080	0.139021525	0	3.994325926	4.1333475
4356603774080	435660	3774080	0.105838455	0	3.500947956	3.6067864
4356803774080	435680	3774080	0.085809406	0	3.128783601	3.214593
4357003774080	435700	3774080	0.072495478	0	2.838207377	2.9107029
4357203774080	435720	3774080	0.062885698	0	2.601622946	2.6645086
4357403774080	435740	3774080	0.055534225	0	2.406756882	2.4622911
4357603774080	435760	3774080	0.049764604	0	2.242463422	2.292228
4357803774080	435780	3774080	0.045103365	0	2.101255211	2.1463586
4358003774080	435800	3774080	0.041303928	0	1.978271611	2.0195755
4358203774080	435820	3774080	0.038038476	0	1.869651035	1.9076895
4358403774080	435840	3774080	0.035333164	0	1.772847694	1.8081809
4356003774100	435600	3774100	0.156511941	0	5.440106882	5.5966188
4356203774100	435620	3774100	0.204669564	0	4.451883141	4.6565527
4356403774100	435640	3774100	0.138800074	0	3.798795842	3.9375959
4356603774100	435660	3774100	0.105784708	0	3.332777614	3.4385623
4356803774100	435680	3774100	0.085795046	0	2.982375126	3.0681702
4357003774100	435700	3774100	0.072398753	0	2.712773806	2.7851726
4357203774100	435720	3774100	0.06282313	0	2.49258391	2.555407
4357403774100	435740	3774100	0.055530225	0	2.309627996	2.3651582
4357603774100	435760	3774100	0.049710754	0	2.155263841	2.2049746
4357803774100	435780	3774100	0.045032591	0	2.022133627	2.0671662
4358003774100	435800	3774100	0.041213563	0	1.905866934	1.9470805
4358203774100	435820	3774100	0.037955598	0	1.80316403	1.8411196
4358403774100	435840	3774100	0.035272545	0	1.711519637	1.7467922
4356003774120	435600	3774120	0.152580803	0	5.135890762	5.2884716
4356203774120	435620	3774120	0.203869305	0	4.196664248	4.4005336
4356403774120	435640	3774120	0.138626114	0	3.583064326	3.7216904
4356603774120	435660	3774120	0.105724396	0	3.148894582	3.254619
4356803774120	435680	3774120	0.085699655	0	2.824393725	2.9100934
4357003774120	435700	3774120	0.072309721	0	2.575877018	2.6481867
4357203774120	435720	3774120	0.062831438	0	2.377374834	2.4402063
4357403774120	435740	3774120	0.055500992	0	2.207263064	2.2627641
4357603774120	435760	3774120	0.049687163	0	2.063214438	2.1129016
4357803774120	435780	3774120	0.045046438	0	1.938731676	1.9837781
4358003774120	435800	3774120	0.041213152	0	1.829848099	1.8710613
4358203774120	435820	3774120	0.037971086	0	1.733474014	1.7714451
4358403774120	435840	3774120	0.035176743	0	1.647161305	1.682338
4356003774140	435600	3774140	0.152470437	0	4.765924009	4.9183944
4356203774140	435620	3774140	0.203642418	0	3.899685866	4.1033283
4356403774140	435640	3774140	0.138460666	0	3.333970846	3.4724315
4356603774140	435660	3774140	0.105353602	0	2.942300422	3.047654
4356803774140	435680	3774140	0.085455843	0	2.651244111	2.7367
4357003774140	435700	3774140	0.072264385	0	2.430810652	2.503075
4357203774140	435720	3774140	0.06280559	0	2.255702034	2.3185076
4357403774140	435740	3774140	0.05549812	0	2.099544311	2.1550424
4357603774140	435760	3774140	0.049720703	0	1.966487538	2.0162082
4357803774140	435780	3774140	0.045031873	0	1.851243683	1.8962756
4358003774140	435800	3774140	0.041167918	0	1.750154119	1.791322
4358203774140	435820	3774140	0.03791098	0	1.660449473	1.6983605
4358403774140	435840	3774140	0.035144638	0	1.578969237	1.6141139
4356003774160	435600	3774160	0.156043191	0	4.331137977	4.4871812
4356203774160	435620	3774160	0.203483945	0	3.567926883	3.7714108
4356403774160	435640	3774160	0.138017149	0	3.069315509	3.2073327
4356603774160	435660	3774160	0.105154409	0	2.731880401	2.8370348
4356803774160	435680	3774160	0.085354298	0	2.476133641	2.5614879
4357003774160	435700	3774160	0.072229101	0	2.281184696	2.3534138
4357203774160	435720	3774160	0.062800462	0	2.127398572	2.190199
4357403774160	435740	3774160	0.055476888	0	1.98601725	2.0414941
4357603774160	435760	3774160	0.049706754	0	1.864979516	1.9146863
4357803774160	435780	3774160	0.045014538	0	1.759629617	1.8046442
4358003774160	435800	3774160	0.041149866	0	1.666981419	1.7081313
4358203774160	435820	3774160	0.037862464	0	1.584173797	1.6220363
4358403774160	435840	3774160	0.035114483	0	1.507799324	1.5429138
4356003774180	435600	3774180	0.163683709	0	3.8252313	3.988915
4356203774180	435620	3774180	0.203246596	0	3.211338573	3.4145852
4356403774180	435640	3774180	0.138109463	0	2.803960108	2.9420696
4356603774180	435660	3774180	0.105168769	0	2.516322258	2.621491
4356803774180	435680	3774180	0.085339117	0	2.297148063	2.3824872
4357003774180	435700	3774180	0.072149916	0	2.126281295	2.1984312
4357203774180	435720	3774180	0.062732149	0	1.990266902	2.0529991
4357403774180	435740	3774180	0.055391857	0	1.864878761	1.9202706
4357603774180	435760	3774180	0.049609721	0	1.756739179	1.8063489
4357803774180	435780	3774180	0.044954329	0	1.661636201	1.7065905
4358003774180	435800	3774180	0.041068732	0	1.577442559	1.6185113
4358203774180	435820	3774180	0.037801844	0	1.502288087	1.5400899
4358403774180	435840	3774180	0.035004731	0	1.432506146	1.4675109
4356003774200	435600	3774200	0.227266788	0	3.265667445	3.4929342
4356203774200	435620	3774200	0.202943396	0	2.832111883	3.0350553
4356403774200	435640	3774200	0.138132131	0	2.525582661	2.6637148
4356603774200	435660	3774200	0.105319651	0	2.294043753	2.3993634
4356803774200	435680	3774200	0.0854262	0	2.110864051	2.1962903
4357003774200	435700	3774200	0.072039344	0	1.961732102	2.0337714
4357203774200	435720	3774200	0.062371304	0	1.836200125	1.8985714

Health Risk Assessment Results Su

School Risk max			0.70
Non-dorm or scho			4.20
Sensitive Receptors		MAX:	4.30
Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4356003773920	435600	3773920	6.869258014
4356203773920	435620	3773920	5.997394702
4356403773920	435640	3773920	5.160432269
4356603773920	435660	3773920	4.547965283
4356803773920	435680	3773920	4.068171723
4357003773920	435700	3773920	3.677069583
4357203773920	435720	3773920	3.355950777
4357403773920	435740	3773920	3.0891356
4356003773940	435600	3773940	6.791439798
4356203773940	435620	3773940	5.888975289
4356403773940	435640	3773940	5.056341202
4356603773940	435660	3773940	4.45214486
4356803773940	435680	3773940	3.979484705
4357003773940	435700	3773940	3.596067025
4357203773940	435720	3773940	3.281764863
4357403773940	435740	3773940	3.021940849
4356003773960	435600	3773960	6.763819172
4356203773960	435620	3773960	5.771601332
4356403773960	435640	3773960	4.946114493
4356603773960	435660	3773960	4.349996178
4356803773960	435680	3773960	3.885007814
4357003773960	435700	3773960	3.510669809
4357203773960	435720	3773960	3.206000327
4357403773960	435740	3773960	2.952872037
4356003773980	435600	3773980	6.584873869
4356203773980	435620	3773980	5.63833123
4356403773980	435640	3773980	4.828609755
4356603773980	435660	3773980	4.237780743
4356803773980	435680	3773980	3.781782037
4357003773980	435700	3773980	3.419533258
4357203773980	435720	3773980	3.124670288
4357403773980	435740	3773980	2.879765091
4356003774000	435600	3774000	6.467594328
4356203774000	435620	3774000	5.500528912
4356403774000	435640	3774000	4.702022745
4356603774000	435660	3774000	4.123237463
4356803774000	435680	3774000	3.678331261
4357003774000	435700	3774000	3.325890404
4357203774000	435720	3774000	3.039897851
4357403774000	435740	3774000	2.804318556
4357603774000	435760	3774000	2.601747273
4356003774020	435600	3774020	6.339901059
4356203774020	435620	3774020	5.420312243
4356403774020	435640	3774020	4.61426266
4356603774020	435660	3774020	4.031878193
4356803774020	435680	3774020	3.591033615
4357003774020	435700	3774020	3.240442315
4357203774020	435720	3774020	2.956944509
4357403774020	435740	3774020	2.725311063
4357603774020	435760	3774020	2.531721581
4357803774020	435780	3774020	2.363987024
4358003774020	435800	3774020	2.218020798
4358203774020	435820	3774020	2.089543897
4356003774040	435600	3774040	6.190341967
4356203774040	435620	3774040	5.257877654
4356403774040	435640	3774040	4.46917417
4356603774040	435660	3774040	3.903209318
4356803774040	435680	3774040	3.47585305
4357003774040	435700	3774040	3.137809147
4357203774040	435720	3774040	2.865091678
4357403774040	435740	3774040	2.64205718
4357603774040	435760	3774040	2.455417544
4357803774040	435780	3774040	2.294537405
4358003774040	435800	3774040	2.154693232
4358203774040	435820	3774040	2.031640032
4356003774060	435600	3774060	6.032890266
4356203774060	435620	3774060	5.075804184
4356403774060	435640	3774060	4.308230445
4356603774060	435660	3774060	3.761650611
4356803774060	435680	3774060	3.349713338
4357003774060	435700	3774060	3.027437603
4357203774060	435720	3774060	2.767409567
4357403774060	435740	3774060	2.554411079
4357603774060	435760	3774060	2.375458266
4357803774060	435780	3774060	2.222035594
4358003774060	435800	3774060	2.088591782
4358203774060	435820	3774060	1.971174044
4358403774060	435840	3774060	1.86621154
4356003774080	435600	3774080	5.913600144
4356203774080	435620	3774080	4.885603314
4356403774080	435640	3774080	4.133347451
4356603774080	435660	3774080	3.606786411
4356803774080	435680	3774080	3.214593007
4357003774080	435700	3774080	2.910702855
4357203774080	435720	3774080	2.664508645
4357403774080	435740	3774080	2.462291107
4357603774080	435760	3774080	2.292228026
4357803774080	435780	3774080	2.146358576
4358003774080	435800	3774080	2.019575539
4358203774080	435820	3774080	1.907689511
4358403774080	435840	3774080	1.808180858
4356003774100	435600	3774100	5.596618823
4356203774100	435620	3774100	4.656552705
4356403774100	435640	3774100	3.937595916
4356603774100	435660	3774100	3.438562322
4356803774100	435680	3774100	3.068170172
4357003774100	435700	3774100	2.785172559
4357203774100	435720	3774100	2.55540704
4357403774100	435740	3774100	2.365158222
4357603774100	435760	3774100	2.204974595
4357803774100	435780	3774100	2.067166217
4358003774100	435800	3774100	1.947080496
4358203774100	435820	3774100	1.841119628
4358403774100	435840	3774100	1.746792181
4356003774120	435600	3774120	5.288471565
4356203774120	435620	3774120	4.400533553
4356403774120	435640	3774120	3.72169044
4356603774120	435660	3774120	3.254618979
4356803774120	435680	3774120	2.910093379
4357003774120	435700	3774120	2.64818674
4357203774120	435720	3774120	2.440206272
4357403774120	435740	3774120	2.262764057
4357603774120	435760	3774120	2.112901601
4357803774120	435780	3774120	1.983778114
4358003774120	435800	3774120	1.871061251
4358203774120	435820	3774120	1.771445101
4358403774120	435840	3774120	1.682338048
4356003774140	435600	3774140	4.918394446
4356203774140	435620	3774140	4.103328283
4356403774140	435640	3774140	3.472431512
4356603774140	435660	3774140	3.047654024
4356803774140	435680	3774140	2.736699954
4357003774140	435700	3774140	2.503075037
4357203774140	435720	3774140	2.318507624
4357403774140	435740	3774140	2.155042432
4357603774140	435760	3774140	2.016208241
4357803774140	435780	3774140	1.896275555
4358003774140	435800	3774140	1.791322038
4358203774140	435820	3774140	1.698360452
4358403774140	435840	3774140	1.614113876
4356003774160	435600	3774160	4.487181168
4356203774160	435620	3774160	3.771410829
4356403774160	435640	3774160	3.207332659
4356603774160	435660	3774160	2.83703481
4356803774160	435680	3774160	2.561487939
4357003774160	435700	3774160	2.353413796
4357203774160	435720	3774160	2.190199033
4357403774160	435740	3774160	2.041494138
4357603774160	435760	3774160	1.914686269
4357803774160	435780	3774160	1.804644155
4358003774160	435800	3774160	1.708131285
4358203774160	435820	3774160	1.622036261
4358403774160	435840	3774160	1.542913806
4356003774180	435600	3774180	3.988915009
4356203774180	435620	3774180	3.414585169
4356403774180	435640	3774180	2.942069571
4356603774180	435660	3774180	2.621491027
4356803774180	435680	3774180	2.38248718
4357003774180	435700	3774180	2.198431211
4357203774180	435720	3774180	2.052999051
4357403774180	435740	3774180	1.920270618
4357603774180	435760	3774180	1.8063489
4357803774180	435780	3774180	1.70659053
4358003774180	435800	3774180	1.618511292
4358203774180	435820	3774180	1.540089931
4358403774180	435840	3774180	1.467510878
4356003774200	435600	3774200	3.492934233
4356203774200	435620	3774200	3.035055279
4356403774200	435640	3774200	2.663714793
4356603774200	435660	3774200	2.399363405
4356803774200	435680	3774200	2.196290251
4357003774200	435700	3774200	2.033771446
4357203774200	435720	3774200	1.89857143

FOR CHRONIC CALCS

MAX: 0.08

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0	0.027664293	0.105745877	0	0	0	0
0	0.025053276	0.092302965	0	0	0	0
0	0.021699259	0.079898132	0	0	0	0
0	0.019345438	0.070742746	0	0	0	0
0	0.017536514	0.063536926	0	0	0	0
0	0.016082232	0.057648721	0	0	0	0
0	0.014885003	0.052798666	0	0	0	0
0	0.013874588	0.048751175	0	0	0	0
0	0.027102681	0.104272783	0	0	0	0
0	0.024357679	0.090422134	0	0	0	0
0	0.021034286	0.078094138	0	0	0	0
0	0.018723202	0.069073559	0	0	0	0
0	0.016954502	0.06198694	0	0	0	0
0	0.015540814	0.056225677	0	0	0	0
0	0.014380873	0.051490588	0	0	0	0
0	0.013409107	0.047558546	0	0	0	0
0	0.027190935	0.103362601	0	0	0	0
0	0.023665757	0.088430248	0	0	0	0
0	0.020377078	0.076218348	0	0	0	0
0	0.018106251	0.067328372	0	0	0	0
0	0.016377072	0.060367782	0	0	0	0
0	0.015004168	0.054751768	0	0	0	0
0	0.013884349	0.050167179	0	0	0	0
0	0.01294537	0.046345424	0	0	0	0
0	0.025739794	0.100732825	0	0	0	0
0	0.022952259	0.086224582	0	0	0	0
0	0.019724028	0.074252556	0	0	0	0
0	0.017486141	0.06545322	0	0	0	0
0	0.015800099	0.058637596	0	0	0	0
0	0.014472666	0.053208147	0	0	0	0
0	0.013392318	0.04877692	0	0	0	0
0	0.012489669	0.045085122	0	0	0	0
0	0.025061129	0.098786995	0	0	0	0
0	0.022243707	0.083969975	0	0	0	0
0	0.019064649	0.072169758	0	0	0	0
0	0.016875154	0.063556048	0	0	0	0
0	0.015234118	0.05691271	0	0	0	0
0	0.013947682	0.05163746	0	0	0	0
0	0.012906186	0.047346616	0	0	0	0
0	0.012035486	0.043797839	0	0	0	0
0	0.011298499	0.040748683	0	0	0	0
0	0.024407322	0.096689609	0	0	0	0
0	0.021721114	0.0825663	0	0	0	0
0	0.018510749	0.070650679	0	0	0	0
0	0.016312171	0.061987756	0	0	0	0
0	0.014686289	0.055408643	0	0	0	0
0	0.013428684	0.050176301	0	0	0	0
0	0.012420027	0.045940975	0	0	0	0
0	0.011585435	0.042467395	0	0	0	0
0	0.010871011	0.039548511	0	0	0	0
0	0.010258338	0.03702115	0	0	0	0
0	0.009722396	0.034817749	0	0	0	0
0	0.009258066	0.032881446	0	0	0	0
0	0.023735988	0.094268563	0	0	0	0
0	0.020987719	0.079971727	0	0	0	0
0	0.017834267	0.068318421	0	0	0	0
0	0.015688407	0.059902178	0	0	0	0
0	0.014107387	0.053527112	0	0	0	0
0	0.012899431	0.048489975	0	0	0	0
0	0.011935327	0.044422571	0	0	0	0
0	0.0111367	0.041084836	0	0	0	0
0	0.010457989	0.038279934	0	0	0	0
0	0.00987836	0.035863282	0	0	0	0
0	0.009372357	0.033759091	0	0	0	0
0	0.008925169	0.031904611	0	0	0	0
0	0.023088902	0.091726627	0	0	0	0
0	0.020209087	0.077098992	0	0	0	0
0	0.017131071	0.065764482	0	0	0	0
0	0.015049108	0.057640717	0	0	0	0
0	0.013525764	0.051502358	0	0	0	0
0	0.012370121	0.046703934	0	0	0	0
0	0.011449189	0.042829731	0	0	0	0
0	0.010689857	0.039647049	0	0	0	0
0	0.010048679	0.036967241	0	0	0	0
0	0.009498361	0.034666587	0	0	0	0
0	0.009017426	0.032661968	0	0	0	0
0	0.008592555	0.030894389	0	0	0	0
0	0.008232807	0.029328648	0	0	0	0
0	0.023027581	0.089549928	0	0	0	0
0	0.019405329	0.074103845	0	0	0	0
0	0.016387635	0.063006424	0	0	0	0
0	0.014382405	0.055190947	0	0	0	0
0	0.012928881	0.049353801	0	0	0	0
0	0.011831527	0.044830796	0	0	0	0
0	0.010959112	0.04116733	0	0	0	0
0	0.010239327	0.038150627	0	0	0	0
0	0.009633111	0.035608944	0	0	0	0
0	0.009113754	0.03342651	0	0	0	0
0	0.008658891	0.031524638	0	0	0	0
0	0.008255769	0.029844127	0	0	0	0
0	0.007905413	0.028353617	0	0	0	0
0	0.021268724	0.084941105	0	0	0	0
0	0.018505008	0.070546775	0	0	0	0
0	0.015600073	0.059952235	0	0	0	0
0	0.013688206	0.052552101	0	0	0	0
0	0.012306501	0.047043243	0	0	0	0
0	0.011277891	0.042835946	0	0	0	0
0	0.010463674	0.03942283	0	0	0	0
0	0.009786563	0.036588388	0	0	0	0
0	0.009210859	0.03419463	0	0	0	0
0	0.008719504	0.032134954	0	0	0	0
0	0.008296096	0.030341165	0	0	0	0
0	0.007917251	0.028753417	0	0	0	0
0	0.007580485	0.027338236	0	0	0	0
0	0.020085985	0.080210135	0	0	0	0
0	0.017525935	0.066594815	0	0	0	0
0	0.014756535	0.056601432	0	0	0	0
0	0.012948873	0.049681244	0	0	0	0
0	0.011651815	0.044562267	0	0	0	0
0	0.010693511	0.040673479	0	0	0	0
0	0.009961935	0.037595863	0	0	0	0
0	0.009328789	0.034956165	0	0	0	0
0	0.008790103	0.032720177	0	0	0	0
0	0.008328742	0.030792088	0	0	0	0
0	0.007931132	0.029110653	0	0	0	0
0	0.007577877	0.027621859	0	0	0	0
0	0.007258544	0.026286633	0	0	0	0
0	0.01873481	0.07453465	0	0	0	0
0	0.016416324	0.062020165	0	0	0	0
0	0.013797959	0.052743913	0	0	0	0
0	0.012128167	0.046462256	0	0	0	0
0	0.010946489	0.041851689	0	0	0	0
0	0.010091635	0.038394924	0	0	0	0
0	0.009448369	0.035678333	0	0	0	0
0	0.008861779	0.033249503	0	0	0	0
0	0.008364698	0.03118331	0	0	0	0
0	0.007936432	0.029396325	0	0	0	0
0	0.007564095	0.027832003	0	0	0	0
0	0.007234213	0.026444746	0	0	0	0
0	0.006929344	0.025181382	0	0	0	0
0	0.017219434	0.067929147	0	0	0	0
0	0.015202109	0.056928729	0	0	0	0
0	0.012801321	0.048660709	0	0	0	0
0	0.011320618	0.043205091	0	0	0	0
0	0.010259688	0.039130394	0	0	0	0
0	0.009491333	0.036059898	0	0	0	0
0	0.008923467	0.033668651	0	0	0	0
0	0.00838524	0.031462307	0	0	0	0
0	0.007930576	0.029579413	0	0	0	0
0	0.007536853	0.027943013	0	0	0	0
0	0.007194583	0.026507615	0	0	0	0
0	0.006886951	0.025223899	0	0	0	0
0	0.006597562	0.024036574	0	0	0	0
0	0.015520588	0.060300854	0	0	0	0
0	0.013917287	0.051470994	0	0	0	0
0	0.011832862	0.044591006	0	0	0	0
0	0.010515858	0.039885633	0	0	0	0
0	0.009578093	0.036364187	0	0	0	0
0	0.008886152	0.033654406	0	0	0	0
0	0.008369329	0.031525579	0	0	0	0
0	0.007883599	0.029560156	0	0	0	0
0	0.00747151	0.027871738	0	0	0	0
0	0.007112242	0.026390441	0	0	0	0
0	0.006796544	0.025081496	0	0	0	0
0	0.006516894	0.02391526	0	0	0	0
0	0.006250695	0.022828264	0	0	0	0
0	0.014275017	0.052492282	0	0	0	0
0	0.012565664	0.045677511	0	0	0	0
0	0.010830504	0.040331419	0	0	0	0
0	0.009703802	0.036476207	0	0	0	0
0	0.008883247	0.033496209	0	0	0	0
0	0.008250709	0.031104521	0	0	0	0
0	0.007737859	0.029110453	0	0	0	0

Health Risk Assessment Results Summary

		School Risk max	0.07		0.62	0.70
		Non-dorm or school max	0.23118839		4.1	7.88
		MAX:	0.32	0.0000	3.58	3.90

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Onsite	Offroad	Total Risk
4357403774200	435740	3774200	0.055216563	0	1.728594645	1.7838112
4357603774200	435760	3774200	0.04946366	0	1.65504278	1.7045064
4357803774200	435780	3774200	0.044800985	0	1.572973042	1.617774
4358003774200	435800	3774200	0.040967392	0	1.500212448	1.5411798
4358203774200	435820	3774200	0.037754251	0	1.434975379	1.4727296
4358403774200	435840	3774200	0.035140433	0	1.375617557	1.410758
4351703773020	435170	3773020	0.012820766	0	1.781040867	1.7938616
4351903773020	435190	3773020	0.013147763	0	1.847826527	1.8609743
4352103773020	435210	3773020	0.013460502	0	1.909616279	1.9230768
4352303773020	435230	3773020	0.013734572	0	1.961190585	1.9749252
4352503773020	435250	3773020	0.013989358	0	2.006340935	2.0203303
4352703773020	435270	3773020	0.014230913	0	2.046273541	2.0605045
4352903773020	435290	3773020	0.014452364	0	2.079683883	2.0941362
4353103773020	435310	3773020	0.014657096	0	2.10730109	2.1219582
4353303773020	435330	3773020	0.014839467	0	2.128198394	2.1430379
4353503773020	435350	3773020	0.014994965	0	2.141590947	2.1565859
4353703773020	435370	3773020	0.01513959	0	2.150925364	2.166065
4353903773020	435390	3773020	0.015238469	0	2.149436862	2.1646753
4354103773020	435410	3773020	0.015307089	0	2.140576896	2.155884
4354303773020	435430	3773020	0.015349553	0	2.125462947	2.1408125
4354503773020	435450	3773020	0.015390889	0	2.109292688	2.1246836
4354703773020	435470	3773020	0.015395608	0	2.085528881	2.1009245
4354903773020	435490	3773020	0.015375504	0	2.056857612	2.0722331
4355103773020	435510	3773020	0.015303806	0	2.018054169	2.033358
4355303773020	435530	3773020	0.015184311	0	1.970399854	1.9855842
4355503773020	435550	3773020	0.01497322	0	1.906967273	1.9219405
4351703773040	435170	3773040	0.013506146	0	1.853303491	1.8668096
4351903773040	435190	3773040	0.013860529	0	1.922127341	1.9359879
4352103773040	435210	3773040	0.014189885	0	1.983546458	1.9977363
4352303773040	435230	3773040	0.014499752	0	2.038437366	2.0529371
4352503773040	435250	3773040	0.014792387	0	2.087221939	2.1020143
4352703773040	435270	3773040	0.015069329	0	2.130193879	2.1452632
4352903773040	435290	3773040	0.015325346	0	2.166468192	2.1817935
4353103773040	435310	3773040	0.015555926	0	2.195260462	2.2108164
4353303773040	435330	3773040	0.015775428	0	2.219544032	2.2353195
4353503773040	435350	3773040	0.015951543	0	2.233274112	2.2492257
4353703773040	435370	3773040	0.016097912	0	2.239351986	2.2554499
4353903773040	435390	3773040	0.016224792	0	2.240053593	2.2562784
4354103773040	435410	3773040	0.01630449	0	2.230327318	2.2466318
4354303773040	435430	3773040	0.01634039	0	2.211253242	2.2275936
4354503773040	435450	3773040	0.016375571	0	2.191387904	2.2077635
4354703773040	435470	3773040	0.016378546	0	2.165138969	2.1815175
4354903773040	435490	3773040	0.016350749	0	2.133252712	2.1496035
4355103773040	435510	3773040	0.016272077	0	2.092104775	2.1083769
4355303773040	435530	3773040	0.016162942	0	2.046090341	2.0622533
4355503773040	435550	3773040	0.016010829	0	1.993077028	2.0090879
4351703773060	435170	3773060	0.014256248	0	1.930190006	1.9444463
4351903773060	435190	3773060	0.014645608	0	2.001693548	2.0163392
4352103773060	435210	3773060	0.015012812	0	2.066095315	2.0811081
4352303773060	435230	3773060	0.015368529	0	2.125312496	2.140681
4352503773060	435250	3773060	0.015701987	0	2.177349413	2.1930514
4352703773060	435270	3773060	0.016015444	0	2.222716302	2.2387317
4352903773060	435290	3773060	0.016306541	0	2.261064271	2.2773708
4353103773060	435310	3773060	0.016565636	0	2.290783664	2.3073493
4353303773060	435330	3773060	0.016812627	0	2.315795388	2.332608
4353503773060	435350	3773060	0.01701582	0	2.330422517	2.3474383
4353703773060	435370	3773060	0.017176651	0	2.335225298	2.3524019
4353903773060	435390	3773060	0.017318507	0	2.334910335	2.3522288
4354103773060	435410	3773060	0.017409488	0	2.323927807	2.3413373
4354303773060	435430	3773060	0.0174459	0	2.302145823	2.3195917
4354503773060	435450	3773060	0.017480877	0	2.279464314	2.2969452
4354703773060	435470	3773060	0.017478005	0	2.249841384	2.2673194
4354903773060	435490	3773060	0.017436054	0	2.213504431	2.2309405
4355103773060	435510	3773060	0.017352766	0	2.17045348	2.1878062
4355303773060	435530	3773060	0.017231117	0	2.121628857	2.13886
4355503773060	435550	3773060	0.017064541	0	2.066204366	2.0832689
4351703773080	435170	3773080	0.015087484	0	2.013388588	2.0284761
4351903773080	435190	3773080	0.015522796	0	2.088591649	2.1041144
4352103773080	435210	3773080	0.015941593	0	2.157492931	2.1734345
4352303773080	435230	3773080	0.016349826	0	2.2211522	2.237502
4352503773080	435250	3773080	0.016722774	0	2.275178909	2.2919017
4352703773080	435270	3773080	0.017074901	0	2.322292958	2.3393679
4352903773080	435290	3773080	0.017409283	0	2.363235867	2.3806451
4353103773080	435310	3773080	0.017700892	0	2.3937252	2.4114261
4353303773080	435330	3773080	0.017974552	0	2.41845798	2.4364325
4353503773080	435350	3773080	0.018205336	0	2.433272022	2.4514774
4353703773080	435370	3773080	0.018418171	0	2.442997845	2.461416
4353903773080	435390	3773080	0.018558489	0	2.438146285	2.4567048
4354103773080	435410	3773080	0.018652649	0	2.423991872	2.4426445
4354303773080	435430	3773080	0.018695216	0	2.400080686	2.4187759
4354503773080	435450	3773080	0.018742706	0	2.376588194	2.3953309
4354703773080	435470	3773080	0.018734193	0	2.343585563	2.3623198
4354903773080	435490	3773080	0.018681984	0	2.30359893	2.3222809
4355103773080	435510	3773080	0.018584849	0	2.256937011	2.2755219
4355303773080	435530	3773080	0.018450994	0	2.205647111	2.2240981
4355503773080	435550	3773080	0.018249647	0	2.144427846	2.1626775
4351703773100	435170	3773100	0.016006316	0	2.102391547	2.1183979
4351903773100	435190	3773100	0.016499375	0	2.182157471	2.1986568
4352103773100	435210	3773100	0.016980023	0	2.256069589	2.2730496
4352303773100	435230	3773100	0.017452567	0	2.324965391	2.342418
4352503773100	435250	3773100	0.017898239	0	2.385644334	2.4035426
4352703773100	435270	3773100	0.018305754	0	2.436273532	2.4545793
4352903773100	435290	3773100	0.018656547	0	2.47389008	2.4925466
4353103773100	435310	3773100	0.018983646	0	2.504669592	2.5236532
4353303773100	435330	3773100	0.01930336	0	2.531573516	2.5508769
4353503773100	435350	3773100	0.019564403	0	2.546143025	2.5657074
4353703773100	435370	3773100	0.019783084	0	2.551559128	2.5713422
4353903773100	435390	3773100	0.019943403	0	2.545562741	2.5655061
4354103773100	435410	3773100	0.02005059	0	2.529592888	2.5496435
4354303773100	435430	3773100	0.020131518	0	2.508500649	2.5286322
4354503773100	435450	3773100	0.020200343	0	2.485305568	2.5055059
4354703773100	435470	3773100	0.020164341	0	2.444989115	2.4651535
4354903773100	435490	3773100	0.020091208	0	2.399555141	2.4196463
4355103773100	435510	3773100	0.019970482	0	2.347784887	2.3677554
4355303773100	435530	3773100	0.019809137	0	2.291498347	2.3113075
4355503773100	435550	3773100	0.019586148	0	2.227456871	2.247043
4351703773120	435170	3773120	0.017025051	0	2.197374803	2.2143999
4351903773120	435190	3773120	0.017594423	0	2.283362582	2.300957
4352103773120	435210	3773120	0.018173642	0	2.367053301	2.3852269
4352303773120	435230	3773120	0.018699729	0	2.437569819	2.4562695
4352503773120	435250	3773120	0.019196891	0	2.49946494	2.5186618
4352703773120	435270	3773120	0.019659691	0	2.55210358	2.5717633
4352903773120	435290	3773120	0.02007295	0	2.593270445	2.6133434
4353103773120	435310	3773120	0.020458412	0	2.626958145	2.6474166
4353303773120	435330	3773120	0.020798538	0	2.650630127	2.6714287
4353503773120	435350	3773120	0.021107892	0	2.666934855	2.6880427
4353703773120	435370	3773120	0.021355499	0	2.6713264	2.6926819
4353903773120	435390	3773120	0.021543614	0	2.664685975	2.6862296
4354103773120	435410	3773120	0.021660648	0	2.645740548	2.6674012
4354303773120	435430	3773120	0.021765167	0	2.624154972	2.6459201
4354503773120	435450	3773120	0.021808863	0	2.593042638	2.6148515
4354703773120	435470	3773120	0.02180117	0	2.554575975	2.5763771
4354903773120	435490	3773120	0.021724036	0	2.506544703	2.5282687
4355103773120	435510	3773120	0.021582899	0	2.450484559	2.4720675
4355303773120	435530	3773120	0.021373346	0	2.386271641	2.407645
4355503773120	435550	3773120	0.021108918	0	2.316635675	2.3377446
4351703773140	435170	3773140	0.018180925	0	2.302230441	2.3204114
4351903773140	435190	3773140	0.018833789	0	2.39358147	2.4124153
4352103773140	435210	3773140	0.019489116	0	2.480867328	2.5003564
4352303773140	435230	3773140	0.020097157	0	2.555992976	2.5760901
4352503773140	435250	3773140	0.020690941	0	2.624923483	2.6456144
4352703773140	435270	3773140	0.0212279	0	2.680964391	2.7021923
4352903773140	435290	3773140	0.021714703	0	2.725702509	2.7474172
4353103773140	435310	3773140	0.022149912	0	2.759392354	2.7815423
4353303773140	435330	3773140	0.022549631	0	2.784932095	2.8074817
4353503773140	435350	3773140	0.022886679	0	2.798522092	2.8214088
4353903773140	435390	3773140	0.023398714	0	2.79564177	2.8190405
4354103773140	435410	3773140	0.023549596	0	2.776680158	2.8002298
4354303773140	435430	3773140	0.023626935	0	2.746380028	2.770007
4354503773140	435450	3773140	0.023686836	0	2.713561418	2.7372483
4354703773140	435470	3773140	0.0236814	0	2.672105363	2.6957868
4354903773140	435490	3773140	0.023589907	0	2.619703797	2.6432937
4355103773140	435510	3773140	0.023435024	0	2.560567499	2.5840025
4355303773140	435530	3773140	0.023170596	0	2.488192336	2.5113629
4355503773140	435550	3773140	0.022847087	0	2.41101528	2.4338624
4351703773160	435170	3773160	0.019490244	0	2.416323874	2.4358141
4351903773160	435190	3773160	0.020246193	0	2.513713448	2.5339596
4352103773160	435210	3773160	0.020988602	0	2.603945279	2.6249339
4352303773160	435230	3773160	0.021705574	0	2.685569898	2.7072755
4352503773160	435250	3773160	0.022432802	0	2.764802756	2.7872356
4352703773160	435270	3773160	0.023066179	0	2.825529736	2.8485959
4352903773160	435290	3773160	0.023631961	0	2.872544028	2.896176
4353103773160	435310	3773160	0.024126045	0	2.905964178	2.9300902
4353303773160	435330	3773160	0.024605668	0	2.934812234	2.9594179
4354103773160	435410	3773160	0.025754874	0	2.92029804	2.9460529
4354303773160	435430	3773160	0.025828007	0	2.884434568	2.9102626
4354503773160	435450	3773160	0.025875497	0	2.845296205	2.8711717
4354703773160	435470	3773160	0.025867702	0	2.799697949	2.8255657
4354903773160	435490	3773160	0.025741437	0	2.73992578	2.7656672
4355103773160	435510	3773160	0.025622967	0	2.685239965	2.7108629
4355303773160	435530	3773160	0.025301715	0	2.605168991	2.6304707
4355503773160	435550	3773160	0.024895226	0	2.51810377	2.542999
4351703773180	435170	3773180	0.020975883	0	2.539187038	2.5601629

Health Risk Assessment Results Su School Risk max 0.70

		Non-dorm or scho	4.20
Sensitive Receptors		MAX:	4.30

Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4357403774200	435740	3774200	1.783811208
4357603774200	435760	3774200	1.704506441
4357803774200	435780	3774200	1.617774028
4358003774200	435800	3774200	1.54117984
4358203774200	435820	3774200	1.472729631
4358403774200	435840	3774200	1.41075799
4351703773020	435170	3773020	1.793861634
4351903773020	435190	3773020	1.86097429
4352103773020	435210	3773020	1.923076781
4352303773020	435230	3773020	1.974925156
4352503773020	435250	3773020	2.020330294
4352703773020	435270	3773020	2.060504454
4352903773020	435290	3773020	2.094136248
4353103773020	435310	3773020	2.121958186
4353303773020	435330	3773020	2.143037862
4353503773020	435350	3773020	2.156585912
4353703773020	435370	3773020	2.166064954
4353903773020	435390	3773020	2.164675331
4354103773020	435410	3773020	2.155883985
4354303773020	435430	3773020	2.140812501
4354503773020	435450	3773020	2.124683577
4354703773020	435470	3773020	2.100924489
4354903773020	435490	3773020	2.072233116
4355103773020	435510	3773020	2.033357975
4355303773020	435530	3773020	1.985584166
4355503773020	435550	3773020	1.921940493
4351703773040	435170	3773040	1.866809638
4351903773040	435190	3773040	1.93598787
4352103773040	435210	3773040	1.997736343
4352303773040	435230	3773040	2.052937118
4352503773040	435250	3773040	2.102014327
4352703773040	435270	3773040	2.145263208
4352903773040	435290	3773040	2.181793538
4353103773040	435310	3773040	2.210816388
4353303773040	435330	3773040	2.23531946
4353503773040	435350	3773040	2.249225655
4353703773040	435370	3773040	2.255449898
4353903773040	435390	3773040	2.256278385
4354103773040	435410	3773040	2.246631807
4354303773040	435430	3773040	2.227593631
4354503773040	435450	3773040	2.207763475
4354703773040	435470	3773040	2.181517515
4354903773040	435490	3773040	2.149603461
4355103773040	435510	3773040	2.108376853
4355303773040	435530	3773040	2.062253282
4355503773040	435550	3773040	2.009087857
4351703773060	435170	3773060	1.944446254
4351903773060	435190	3773060	2.016339156
4352103773060	435210	3773060	2.081108127
4352303773060	435230	3773060	2.140681025
4352503773060	435250	3773060	2.1930514
4352703773060	435270	3773060	2.238731747
4352903773060	435290	3773060	2.277370812
4353103773060	435310	3773060	2.3073493
4353303773060	435330	3773060	2.332608014
4353503773060	435350	3773060	2.347438337
4353703773060	435370	3773060	2.35240195
4353903773060	435390	3773060	2.352228842
4354103773060	435410	3773060	2.341337295
4354303773060	435430	3773060	2.319591724
4354503773060	435450	3773060	2.296945192
4354703773060	435470	3773060	2.267319389
4354903773060	435490	3773060	2.230940484
4355103773060	435510	3773060	2.187806246
4355303773060	435530	3773060	2.138859974
4355503773060	435550	3773060	2.083268907
4351703773080	435170	3773080	2.028476072
4351903773080	435190	3773080	2.104114445
4352103773080	435210	3773080	2.173434524
4352303773080	435230	3773080	2.237502026
4352503773080	435250	3773080	2.291901683
4352703773080	435270	3773080	2.339367858
4352903773080	435290	3773080	2.380645149
4353103773080	435310	3773080	2.411426092
4353303773080	435330	3773080	2.436432532
4353503773080	435350	3773080	2.451477358
4353703773080	435370	3773080	2.461416017
4353903773080	435390	3773080	2.456704773
4354103773080	435410	3773080	2.44264452
4354303773080	435430	3773080	2.418775901
4354503773080	435450	3773080	2.3953309
4354703773080	435470	3773080	2.362319756
4354903773080	435490	3773080	2.322280915
4355103773080	435510	3773080	2.27552186
4355303773080	435530	3773080	2.224098105
4355503773080	435550	3773080	2.162677493
4351703773100	435170	3773100	2.118397862
4351903773100	435190	3773100	2.198656846
4352103773100	435210	3773100	2.273049611
4352303773100	435230	3773100	2.342417958
4352503773100	435250	3773100	2.403542573
4352703773100	435270	3773100	2.454579286
4352903773100	435290	3773100	2.492546627
4353103773100	435310	3773100	2.523653238
4353303773100	435330	3773100	2.550876876
4353503773100	435350	3773100	2.565707428
4353703773100	435370	3773100	2.571342213
4353903773100	435390	3773100	2.565506144
4354103773100	435410	3773100	2.549643478
4354303773100	435430	3773100	2.528632167
4354503773100	435450	3773100	2.505505911
4354703773100	435470	3773100	2.465153456
4354903773100	435490	3773100	2.419646349
4355103773100	435510	3773100	2.367755369
4355303773100	435530	3773100	2.311307484
4355503773100	435550	3773100	2.247043019
4351703773120	435170	3773120	2.214399855
4351903773120	435190	3773120	2.300957005
4352103773120	435210	3773120	2.385226943
4352303773120	435230	3773120	2.456269548
4352503773120	435250	3773120	2.518661831
4352703773120	435270	3773120	2.571763271
4352903773120	435290	3773120	2.613343395
4353103773120	435310	3773120	2.647416557
4353303773120	435330	3773120	2.671428665
4353503773120	435350	3773120	2.688042747
4353703773120	435370	3773120	2.692681899
4353903773120	435390	3773120	2.686229589
4354103773120	435410	3773120	2.667401196
4354303773120	435430	3773120	2.64592014
4354503773120	435450	3773120	2.614851501
4354703773120	435470	3773120	2.576377145
4354903773120	435490	3773120	2.52826874
4355103773120	435510	3773120	2.472067458
4355303773120	435530	3773120	2.407644987
4355503773120	435550	3773120	2.337744592
4351703773140	435170	3773140	2.320411366
4351903773140	435190	3773140	2.412415259
4352103773140	435210	3773140	2.500356444
4352303773140	435230	3773140	2.576090133
4352503773140	435250	3773140	2.645614424
4352703773140	435270	3773140	2.702192291
4352903773140	435290	3773140	2.747417212
4353103773140	435310	3773140	2.781542265
4353303773140	435330	3773140	2.807481726
4353503773140	435350	3773140	2.821408771
4353903773140	435390	3773140	2.819040485
4354103773140	435410	3773140	2.800229754
4354303773140	435430	3773140	2.770006962
4354503773140	435450	3773140	2.737248254
4354703773140	435470	3773140	2.695786763
4354903773140	435490	3773140	2.643293703
4355103773140	435510	3773140	2.584002524
4355303773140	435530	3773140	2.511362932
4355503773140	435550	3773140	2.433862367
4351703773160	435170	3773160	2.435814118
4351903773160	435190	3773160	2.533959641
4352103773160	435210	3773160	2.624933881
4352303773160	435230	3773160	2.707275471
4352503773160	435250	3773160	2.787235559
4352703773160	435270	3773160	2.848595914
4352903773160	435290	3773160	2.896175989
4353103773160	435310	3773160	2.930090223
4353303773160	435330	3773160	2.959417902
4354103773160	435410	3773160	2.946052913
4354303773160	435430	3773160	2.910262575
4354503773160	435450	3773160	2.871171702
4354703773160	435470	3773160	2.825565651
4354903773160	435490	3773160	2.765667217
4355103773160	435510	3773160	2.710862932
4355303773160	435530	3773160	2.630470706
4355503773160	435550	3773160	2.542998996
4351703773180	435170	3773180	2.560162922

FOR CHRONIC CALCS

MAX: 0.08

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0	0.00731237	0.027414883	0	0	0	0
0	0.007015709	0.026249081	0	0	0	0
0	0.006700624	0.02496517	0	0	0	0
0	0.006425924	0.023831197	0	0	0	0
0	0.006182889	0.02281754	0	0	0	0
0	0.005964176	0.021897928	0	0	0	0
0	0.014018765	0.032900004	0	0	0	0
0	0.014282667	0.033940175	0	0	0	0
0	0.014482817	0.034870107	0	0	0	0
0	0.014589742	0.035601984	0	0	0	0
0	0.014633311	0.036205839	0	0	0	0
0	0.014625427	0.036705724	0	0	0	0
0	0.014562271	0.037082304	0	0	0	0
0	0.014452849	0.037351453	0	0	0	0
0	0.01429637	0.037500849	0	0	0	0
0	0.014093	0.037520677	0	0	0	0
0	0.013865905	0.037471656	0	0	0	0
0	0.01358281	0.037244332	0	0	0	0
0	0.013266911	0.036899505	0	0	0	0
0	0.012927211	0.036457959	0	0	0	0
0	0.012592464	0.036006705	0	0	0	0
0	0.012231968	0.035440325	0	0	0	0
0	0.011861025	0.034804105	0	0	0	0
0	0.011457193	0.034015346	0	0	0	0
0	0.011028617	0.033096269	0	0	0	0
0	0.010543946	0.031936018	0	0	0	0
0	0.014699692	0.034318055	0	0	0	0
0	0.014960878	0.035382078	0	0	0	0
0	0.015139887	0.036291779	0	0	0	0
0	0.015247569	0.037066261	0	0	0	0
0	0.015291292	0.037716301	0	0	0	0
0	0.015277762	0.038250561	0	0	0	0
0	0.015206394	0.038657404	0	0	0	0
0	0.015077703	0.038927276	0	0	0	0
0	0.014914224	0.039114441	0	0	0	0
0	0.01468663	0.039120733	0	0	0	0
0	0.014417055	0.038999204	0	0	0	0
0	0.014122205	0.038790989	0	0	0	0
0	0.013779572	0.038415522	0	0	0	0
0	0.013399533	0.037894126	0	0	0	0
0	0.013028494	0.037369359	0	0	0	0
0	0.012640107	0.036750975	0	0	0	0
0	0.012240056	0.036052609	0	0	0	0
0	0.011813479	0.035217406	0	0	0	0
0	0.011382269	0.034317154	0	0	0	0
0	0.010937724	0.033318433	0	0	0	0
0	0.015434189	0.035834279	0	0	0	0
0	0.015695156	0.036932131	0	0	0	0
0	0.015872557	0.037878476	0	0	0	0
0	0.01598437	0.038710849	0	0	0	0
0	0.016022275	0.039397847	0	0	0	0
0	0.015995347	0.03995262	0	0	0	0
0	0.015907282	0.040373474	0	0	0	0
0	0.01575454	0.040637417	0	0	0	0
0	0.015565922	0.040815331	0	0	0	0
0	0.015314559	0.040815515	0	0	0	0
0	0.015010396	0.040652394	0	0	0	0
0	0.014684016	0.040408113	0	0	0	0
0	0.014310984	0.039994373	0	0	0	0
0	0.013895793	0.039412807	0	0	0	0
0	0.013491381	0.038827813	0	0	0	0
0	0.013069497	0.038142039	0	0	0	0
0	0.012633993	0.0373612	0	0	0	0
0	0.012186548	0.036486526	0	0	0	0
0	0.011732393	0.035533778	0	0	0	0
0	0.011268853	0.034490513	0	0	0	0
0	0.016237619	0.037481404	0	0	0	0
0	0.01650261	0.038629142	0	0	0	0
0	0.016685462	0.03963656	0	0	0	0
0	0.016798462	0.040526138	0	0	0	0
0	0.016818581	0.041225297	0	0	0	0
0	0.016770503	0.041786679	0	0	0	0
0	0.016665004	0.042227619	0	0	0	0
0	0.016483149	0.042479921	0	0	0	0
0	0.01625994	0.042628874	0	0	0	0
0	0.015977786	0.042608793	0	0	0	0
0	0.015669568	0.042505092	0	0	0	0
0	0.015290208	0.042164362	0	0	0	0
0	0.014874405	0.041678974	0	0	0	0
0	0.0144246	0.041044972	0	0	0	0
0	0.013995175	0.04043131	0	0	0	0
0	0.013539065	0.039677538	0	0	0	0
0	0.013070895	0.038826422	0	0	0	0
0	0.012593371	0.03788386	0	0	0	0
0	0.012117444	0.036883842	0	0	0	0
0	0.011620056	0.03574223	0	0	0	0
0	0.017109858	0.039252936	0	0	0	0
0	0.017382263	0.040464015	0	0	0	0
0	0.017570746	0.041539134	0	0	0	0
0	0.017686379	0.042497065	0	0	0	0
0	0.017714004	0.043286097	0	0	0	0
0	0.017650262	0.043880542	0	0	0	0
0	0.017486231	0.044236295	0	0	0	0
0	0.017268196	0.044465688	0	0	0	0
0	0.017020062	0.044623849	0	0	0	0
0	0.016699974	0.044572788	0	0	0	0
0	0.016334298	0.044372225	0	0	0	0
0	0.0159177	0.043989612	0	0	0	0
0	0.015464039	0.043453383	0	0	0	0
0	0.015002934	0.042846808	0	0	0	0
0	0.014551943	0.042221064	0	0	0	0
0	0.014040919	0.041334219	0	0	0	0
0	0.013530637	0.040383096	0	0	0	0
0	0.013016853	0.039349121	0	0	0	0
0	0.01250815	0.038261661	0	0	0	0
0	0.011990081	0.037069044	0	0	0	0
0	0.018056529	0.041155285	0	0	0	0
0	0.018344895	0.042457041	0	0	0	0
0	0.01856756	0.043681321	0	0	0	0
0	0.018656379	0.044640127	0	0	0	0
0	0.018651881	0.045420999	0	0	0	0
0	0.018558907	0.046019458	0	0	0	0
0	0.018373393	0.046404447	0	0	0	0
0	0.018129314	0.04665158	0	0	0	0
0	0.017820368	0.046724079	0	0	0	0
0	0.017469978	0.046672755	0	0	0	0
0	0.017060672	0.046427143	0	0	0	0
0	0.016605586	0.04600808	0	0	0	0
0	0.016104809	0.045399501	0	0	0	0
0	0.015613325	0.044764352	0	0	0	0
0	0.015099625	0.043992163	0	0	0	0
0	0.014577124	0.043120328	0	0	0	0
0	0.014037578	0.042114765	0	0	0	0
0	0.013490281	0.041001763	0	0	0	0
0	0.012935234	0.039779744	0	0	0	0
0	0.012384733	0.038492337	0	0	0	0
0	0.019111129	0.043262483	0	0	0	0
0	0.01940487	0.044636272	0	0	0	0
0	0.019614778	0.045896831	0	0	0	0
0	0.019692345	0.046905867	0	0	0	0
0	0.019687831	0.04777598	0	0	0	0
0	0.019567877	0.048397783	0	0	0	0
0	0.019354658	0.048807717	0	0	0	0
0	0.019060965	0.049018431	0	0	0	0
0	0.018714547	0.049087088	0	0	0	0
0	0.018303013	0.048956419	0	0	0	0
0	0.017353366	0.048221105	0	0	0	0
0	0.016817799	0.047586761	0	0	0	0
0	0.016252051	0.046786555	0	0	0	0
0	0.015704108	0.045967581	0	0	0	0
0	0.015145741	0.045031498	0	0	0	0
0	0.014568461	0.043942795	0	0	0	0
0	0.013993027	0.0427701	0	0	0	0
0	0.013391393	0.04141034	0	0	0	0
0	0.012800444	0.039997563	0	0	0	0
0	0.020275298	0.045567763	0	0	0	0
0	0.020574525	0.047022264	0	0	0	0
0	0.020760836	0.04830293	0	0	0	0
0	0.02083354	0.049390885	0	0	0	0
0	0.020843206	0.050402132	0	0	0	0
0	0.020696297	0.051063598	0	0	0	0
0	0.020439403	0.051470337	0	0	0	0
0	0.020087269	0.051634711	0	0	0	0
0	0.019704542	0.051718661	0	0	0	0
0	0.01759057	0.04997937	0	0	0	0
0	0.016963823	0.049063809	0	0	0	0
0	0.016357163	0.048121573	0	0	0	0
0	0.015756169	0.047101661	0	0	0	0
0	0.015127027	0.045881397	0	0	0	0
0	0.014556933	0.044769028	0	0	0	0
0	0.013910542	0.043278771	0	0	0	0
0	0.013269593	0.041703827	0	0	0	0
0	0.021552857	0.04806809	0	0	0	0

Health Risk Assessment Results Summary — School Risk max: 0.07 | 0.62 | 0.70
Non-dorm or school max: 0.23118839 | 4.1 | 7.88
MAX: 0.32 | 0.0000 | 3.58 | 3.90

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Onsite	Offroad	Total Risk
4351903773180	435190	3773180	0.021874406	0	2.645508922	2.6673833
4352103773180	435210	3773180	0.02277139	0	2.746073998	2.7688454
4352303773180	435230	3773180	0.023642833	0	2.837893349	2.8615362
4352503773180	435250	3773180	0.024443093	0	2.914629354	2.9390724
4352703773180	435270	3773180	0.025176373	0	2.977819987	3.0029964
4352903773180	435290	3773180	0.025848008	0	3.028955929	3.0548039
4353103773180	435310	3773180	0.026442818	0	3.066381649	3.0928245
4353303773180	435330	3773180	0.026973213	0	3.092399281	3.1193725
4354103773180	435410	3773180	0.028299251	0	3.071119923	3.0994192
4354303773180	435430	3773180	0.028405412	0	3.034133023	3.0625384
4354503773180	435450	3773180	0.028450133	0	2.989610212	3.0180603
4354703773180	435470	3773180	0.028426337	0	2.93767535	2.9661017
4354903773180	435490	3773180	0.028307457	0	2.876110319	2.9044178
4355103773180	435510	3773180	0.028078006	0	2.804137465	2.8322155
4355303773180	435530	3773180	0.027726289	0	2.721249244	2.7489755
4355503773180	435550	3773180	0.027271284	0	2.630879676	2.658151
4351703773200	435170	3773200	0.02269282	0	2.673958969	2.6966518
4351903773200	435190	3773200	0.02379628	0	2.794055303	2.8178516
4352103773200	435210	3773200	0.024848864	0	2.900406781	2.9252556
4352303773200	435230	3773200	0.025926373	0	3.00577657	3.0317029
4352503773200	435250	3773200	0.02688931	0	3.09005493	3.1169442
4352703773200	435270	3773200	0.027789473	0	3.16223409	3.1900236
4352903773200	435290	3773200	0.028577219	0	3.215480404	3.2440576
4353103773200	435310	3773200	0.029284651	0	3.255567654	3.2848523
4353303773200	435330	3773200	0.029882743	0	3.278844639	3.3087274
4354103773200	435410	3773200	0.031388692	0	3.244851239	3.2762399
4354303773200	435430	3773200	0.031507777	0	3.203035534	3.2345433
4354503773200	435450	3773200	0.031555472	0	3.153269682	3.1848252
4354703773200	435470	3773200	0.031492801	0	3.09193423	3.123427
4354903773200	435490	3773200	0.031346637	0	3.023615482	3.0549621
4355103773200	435510	3773200	0.031092979	0	2.947134293	2.9782273
4355303773200	435530	3773200	0.030669053	0	2.856256883	2.8869259
4355503773200	435550	3773200	0.030094553	0	2.754399352	2.7844939
4351703773220	435170	3773220	0.024728548	0	2.826119655	2.8508482
4351903773220	435190	3773220	0.026025867	0	2.951825567	2.9778514
4352103773220	435210	3773220	0.027289132	0	3.066258299	3.0935474
4352303773220	435230	3773220	0.028566757	0	3.177650514	3.2062173
4352503773220	435250	3773220	0.029728784	0	3.269564652	3.2992934
4352703773220	435270	3773220	0.030800139	0	3.346653875	3.377454
4352903773220	435290	3773220	0.031734869	0	3.403363644	3.4350985
4353103773220	435310	3773220	0.032558207	0	3.444056971	3.4766152
4353303773220	435330	3773220	0.033276512	0	3.470042834	3.5033193
4354103773220	435410	3773220	0.035042478	0	3.428810396	3.4638529
4354303773220	435430	3773220	0.035215823	0	3.386008946	3.4212248
4354503773220	435450	3773220	0.0352987	0	3.333544681	3.3688434
4354703773220	435470	3773220	0.035210899	0	3.264308301	3.2995192
4354903773220	435490	3773220	0.035034272	0	3.188462479	3.2234968
4355103773220	435510	3773220	0.034773434	0	3.108933829	3.1437073
4355303773220	435530	3773220	0.034228371	0	3.005263694	3.0394921
4355503773220	435550	3773220	0.033521041	0	2.892726987	2.926248
4351703773240	435170	3773240	0.027183689	0	2.998971385	3.0261551
4351903773240	435190	3773240	0.028742256	0	3.131295448	3.1600377
4352103773240	435210	3773240	0.030279283	0	3.254417686	3.284697
4352303773240	435230	3773240	0.031781846	0	3.368483062	3.4002649
4352503773240	435250	3773240	0.033204507	0	3.46957131	3.5027758
4352703773240	435270	3773240	0.03449803	0	3.552916628	3.5874147
4352903773240	435290	3773240	0.035608567	0	3.612690839	3.6482994
4353103773240	435310	3773240	0.036574889	0	3.654426999	3.6910019
4353303773240	435330	3773240	0.037438435	0	3.683085881	3.7205243
4351703773260	435170	3773260	0.030159583	0	3.190262387	3.220422
4351903773260	435190	3773260	0.032101868	0	3.333239647	3.3653415
4352103773260	435210	3773260	0.034018613	0	3.467409535	3.5014281
4352303773260	435230	3773260	0.035843865	0	3.587709625	3.6235535
4352503773260	435250	3773260	0.0375727	0	3.695366633	3.7329393
4352703773260	435270	3773260	0.039154551	0	3.786158808	3.8253134
4352903773260	435290	3773260	0.040486641	0	3.849672446	3.8901591
4353103773260	435310	3773260	0.041655439	0	3.895351052	3.9370065
4353303773260	435330	3773260	0.0427111	0	3.928073356	3.9707845
4351703773280	435170	3773280	0.03381819	0	3.397505573	3.4313238
4351903773280	435190	3773280	0.036383184	0	3.562050448	3.5984336
4352103773280	435210	3773280	0.038847248	0	3.710689682	3.7495369
4352303773280	435230	3773280	0.04116997	0	3.843846594	3.8850166
4352503773280	435250	3773280	0.043315551	0	3.96024188	4.0035574
4352703773280	435270	3773280	0.045222039	0	4.054889226	4.1001113
4352903773280	435290	3773280	0.046833431	0	4.122614477	4.1694479
4353103773280	435310	3773280	0.048201113	0	4.167885218	4.2160863
4353303773280	435330	3773280	0.049461814	0	4.201819912	4.2512817
4351703773300	435170	3773300	0.038552151	0	3.632511389	3.6710635
4351903773300	435190	3773300	0.042045004	0	3.821983319	3.8640283
4352103773300	435210	3773300	0.045325328	0	3.989256752	4.0345821
4352303773300	435230	3773300	0.048349431	0	4.137557304	4.1859067
4352503773300	435250	3773300	0.051056076	0	4.263978511	4.3150346
4352703773300	435270	3773300	0.053358693	0	4.361643065	4.4150018
4352903773300	435290	3773300	0.055300979	0	4.432617357	4.4879183
4353103773300	435310	3773300	0.056955553	0	4.481037044	4.5379926
4353303773300	435330	3773300	0.058433909	0	4.513557903	4.5719918
4353503773300	435350	3773300	0.059668762	0	4.525228516	4.5848973
4351703773320	435170	3773320	0.044952688	0	3.900349929	3.9453026
4351903773320	435190	3773320	0.050075702	0	4.129439121	4.1795148
4352103773320	435210	3773320	0.054602367	0	4.317845301	4.3724477
4352303773320	435230	3773320	0.058680593	0	4.486039166	4.5447198
4352503773320	435250	3773320	0.062196728	0	4.626711078	4.6889078
4352703773320	435270	3773320	0.065121029	0	4.734926938	4.800048
4352903773320	435290	3773320	0.06746488	0	4.80829606	4.8757609
4353103773320	435310	3773320	0.06931157	0	4.85049547	4.919807
4353303773320	435330	3773320	0.071125949	0	4.884992476	4.9561184
4353503773320	435350	3773320	0.072641026	0	4.897280847	4.9699219
4351703773340	435170	3773340	0.054495386	0	4.22646436	4.2809597
4351903773340	435190	3773340	0.062283196	0	4.489788811	4.552072
4352103773340	435210	3773340	0.069002933	0	4.71200937	4.7810123
4352303773340	435230	3773340	0.074595928	0	4.900957059	4.975553
4352503773340	435250	3773340	0.079226806	0	5.057257564	5.1364844
4352703773340	435270	3773340	0.082912799	0	5.174027879	5.2569407
4352903773340	435290	3773340	0.085701193	0	5.248575788	5.334277
4353103773340	435310	3773340	0.088024838	0	5.296555414	5.3845803
4353303773340	435330	3773340	0.090134006	0	5.326499579	5.4166336
4353503773340	435350	3773340	0.091963874	0	5.336443505	5.4284074
4351703773360	435170	3773360	0.070157576	0	4.618668628	4.6888262
4351903773360	435190	3773360	0.08383122	0	4.940662718	5.0244939
4352103773360	435210	3773360	0.094546818	0	5.207445826	5.3019926
4352303773360	435230	3773360	0.102460996	0	5.424559788	5.5270208
4352503773360	435250	3773360	0.108566025	0	5.597749307	5.7063153
4352703773360	435270	3773360	0.113267164	0	5.72433866	5.8376058
4352903773360	435290	3773360	0.116752118	0	5.804967957	5.9217201
4353103773360	435310	3773360	0.119484201	0	5.851244792	5.970729
4353303773360	435330	3773360	0.122140689	0	5.879857097	6.0019978
4353503773360	435350	3773360	0.124504746	0	5.888323074	6.0128278
4351703773380	435170	3773380	0.10101341	0	5.099668033	5.2006814
4351903773380	435190	3773380	0.130616955	0	5.508720283	5.6393372
4352103773380	435210	3773380	0.149420589	0	5.847629524	5.9970501
4352303773380	435230	3773380	0.160810386	0	6.111857786	6.2726682
4352503773380	435250	3773380	0.168737283	0	6.309878404	6.4786157
4352703773380	435270	3773380	0.174878109	0	6.44806596	6.6229441
4352903773380	435290	3773380	0.179276253	0	6.532481025	6.7117573
4353103773380	435310	3773380	0.182001361	0	6.571928484	6.7539298
4353303773380	435330	3773380	0.185483238	0	6.594809215	6.7802925
4353503773380	435350	3773380	0.189193438	0	6.601722149	6.7909156
4351703773400	435170	3773400	0.083883634	0	5.71193522	5.7958189
4351903773400	435190	3773400	0.076813822	0	6.300608707	6.3774225
4352103773400	435210	3773400	0.113379685	0	6.776175023	6.8895547
4352303773400	435230	3773400	0.193429007	0	7.122142279	7.3155713
4352503773400	435250	3773400	0.205019126	0	7.357521809	7.5625409
4352703773400	435270	3773400	0.14193721	0	7.50741673	7.6493539
4352903773400	435290	3773400	0.144025454	0	7.590253801	7.7342793
4353103773400	435310	3773400	0.148630381	0	7.634930027	7.7835604
4353303773400	435330	3773400	0.156173046	0	7.651831323	7.8080044
4353503773400	435350	3773400	0.226639258	0	7.653360477	7.8799997
4347803774060	434780	3774060	0.010310032	0	0.156389569	0.1666996
4348003774060	434800	3774060	0.010551895	0	0.165452549	0.1760044
4348203774060	434820	3774060	0.010863608	0	0.175420847	0.1862845
4348403774060	434840	3774060	0.011207734	0	0.186474542	0.1976823
4348603774060	434860	3774060	0.011430826	0	0.198926952	0.2103578
4348803774060	434880	3774060	0.011704588	0	0.212921135	0.2246257
4349003774060	434900	3774060	0.012067485	0	0.228772961	0.2408404
4349203774060	434920	3774060	0.012470179	0	0.246934765	0.2594049
4349403774060	434940	3774060	0.012804047	0	0.268091477	0.2808955
4347803774080	434780	3774080	0.010245207	0	0.150715547	0.1609608
4348003774080	434800	3774080	0.010536612	0	0.159176875	0.1697135
4348203774080	434820	3774080	0.010856428	0	0.168490493	0.1793469
4348403774080	434840	3774080	0.011178091	0	0.17881999	0.1899981
4348603774080	434860	3774080	0.011402311	0	0.190403081	0.2018054
4348803774080	434880	3774080	0.011701511	0	0.203367764	0.2150693
4349003774080	434900	3774080	0.012075177	0	0.218022179	0.2300974
4349203774080	434920	3774080	0.01247664	0	0.234749949	0.2472266
4349403774080	434940	3774080	0.012776558	0	0.254198144	0.2669747
4347803774100	434780	3774100	0.010236181	0	0.145268054	0.1555042
4348003774100	434800	3774100	0.010535688	0	0.153184411	0.1637201
4348203774100	434820	3774100	0.010854787	0	0.161895732	0.1727505
4348403774100	434840	3774100	0.011162192	0	0.171535872	0.1826981
4348603774100	434860	3774100	0.011431134	0	0.182288868	0.19372
4348803774100	434880	3774100	0.011702844	0	0.194321636	0.2060245
4349003774100	434900	3774100	0.012080511	0	0.207864549	0.2199451
4349203774100	434920	3774100	0.012462383	0	0.223274434	0.2357368

Health Risk Assessment Results Su School Risk max: 0.70
Non-dorm or scho: 4.20
Sensitive Receptors — MAX: 4.30

Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4351903773180	435190	3773180	2.667383327
4352103773180	435210	3773180	2.768845388
4352303773180	435230	3773180	2.861536182
4352503773180	435250	3773180	2.939072446
4352703773180	435270	3773180	3.00299636
4352903773180	435290	3773180	3.054803937
4353103773180	435310	3773180	3.092824467
4353303773180	435330	3773180	3.119372494
4354103773180	435410	3773180	3.099419174
4354303773180	435430	3773180	3.062538435
4354503773180	435450	3773180	3.018060346
4354703773180	435470	3773180	2.966101687
4354903773180	435490	3773180	2.904417777
4355103773180	435510	3773180	2.832215471
4355303773180	435530	3773180	2.748975533
4355503773180	435550	3773180	2.65815096
4351703773200	435170	3773200	2.696651789
4351903773200	435190	3773200	2.817851582
4352103773200	435210	3773200	2.925255645
4352303773200	435230	3773200	3.031702943
4352503773200	435250	3773200	3.11694424
4352703773200	435270	3773200	3.190023564
4352903773200	435290	3773200	3.244057623
4353103773200	435310	3773200	3.284852305
4353303773200	435330	3773200	3.308727382
4354103773200	435410	3773200	3.276239931
4354303773200	435430	3773200	3.23454331
4354503773200	435450	3773200	3.184825154
4354703773200	435470	3773200	3.123427031
4354903773200	435490	3773200	3.054962119
4355103773200	435510	3773200	2.978227273
4355303773200	435530	3773200	2.886925936
4355503773200	435550	3773200	2.784493905
4351703773220	435170	3773220	2.850848203
4351903773220	435190	3773220	2.977851433
4352103773220	435210	3773220	3.093547431
4352303773220	435230	3773220	3.20621727
4352503773220	435250	3773220	3.299293437
4352703773220	435270	3773220	3.377454014
4352903773220	435290	3773220	3.435098513
4353103773220	435310	3773220	3.476615178
4353303773220	435330	3773220	3.503319346
4354103773220	435410	3773220	3.463852873
4354303773220	435430	3773220	3.421224769
4354503773220	435450	3773220	3.368843381
4354703773220	435470	3773220	3.2995192
4354903773220	435490	3773220	3.223496751
4355103773220	435510	3773220	3.143707263
4355303773220	435530	3773220	3.039492065
4355503773220	435550	3773220	2.926248028
4351703773240	435170	3773240	3.026155074
4351903773240	435190	3773240	3.160037703
4352103773240	435210	3773240	3.284696969
4352303773240	435230	3773240	3.400264908
4352503773240	435250	3773240	3.502775817
4352703773240	435270	3773240	3.587414659
4352903773240	435290	3773240	3.648299406
4353103773240	435310	3773240	3.691001888
4353303773240	435330	3773240	3.720524316
4351703773260	435170	3773260	3.22042197
4351903773260	435190	3773260	3.365341515
4352103773260	435210	3773260	3.501428148
4352303773260	435230	3773260	3.62355349
4352503773260	435250	3773260	3.732939333
4352703773260	435270	3773260	3.82531336
4352903773260	435290	3773260	3.890159087
4353103773260	435310	3773260	3.93700649
4353303773260	435330	3773260	3.970784456
4351703773280	435170	3773280	3.431323762
4351903773280	435190	3773280	3.598433632
4352103773280	435210	3773280	3.749536931
4352303773280	435230	3773280	3.885016564
4352503773280	435250	3773280	4.003557431
4352703773280	435270	3773280	4.100111265
4352903773280	435290	3773280	4.169447908
4353103773280	435310	3773280	4.216086332
4353303773280	435330	3773280	4.251281726
4351703773300	435170	3773300	3.67106354
4351903773300	435190	3773300	3.864028322
4352103773300	435210	3773300	4.034582081
4352303773300	435230	3773300	4.185906735
4352503773300	435250	3773300	4.315034587
4352703773300	435270	3773300	4.415001758
4352903773300	435290	3773300	4.487918336
4353103773300	435310	3773300	4.537992596
4353303773300	435330	3773300	4.571991812
4353503773300	435350	3773300	4.584897278
4351703773320	435170	3773320	3.945302616
4351903773320	435190	3773320	4.179514822
4352103773320	435210	3773320	4.372447669
4352303773320	435230	3773320	4.544719759
4352503773320	435250	3773320	4.688907806
4352703773320	435270	3773320	4.800047967
4352903773320	435290	3773320	4.87576094
4353103773320	435310	3773320	4.91980704
4353303773320	435330	3773320	4.956118424
4353503773320	435350	3773320	4.969921873
4351703773340	435170	3773340	4.280959745
4351903773340	435190	3773340	4.552072006
4352103773340	435210	3773340	4.781012303
4352303773340	435230	3773340	4.975552987
4352503773340	435250	3773340	5.13648437
4352703773340	435270	3773340	5.256940678
4352903773340	435290	3773340	5.334276982
4353103773340	435310	3773340	5.384580252
4353303773340	435330	3773340	5.416633585
4353503773340	435350	3773340	5.428407379
4351703773360	435170	3773360	4.688826204
4351903773360	435190	3773360	5.024493938
4352103773360	435210	3773360	5.301992644
4352303773360	435230	3773360	5.527020783
4352503773360	435250	3773360	5.706315332
4352703773360	435270	3773360	5.837605824
4352903773360	435290	3773360	5.921720076
4353103773360	435310	3773360	5.970728992
4353303773360	435330	3773360	6.001997785
4353503773360	435350	3773360	6.01282782
4351703773380	435170	3773380	5.200681443
4351903773380	435190	3773380	5.639337239
4352103773380	435210	3773380	5.997050112
4352303773380	435230	3773380	6.272668173
4352503773380	435250	3773380	6.478615687
4352703773380	435270	3773380	6.622944069
4352903773380	435290	3773380	6.711757279
4353103773380	435310	3773380	6.753929845
4353303773380	435330	3773380	6.780292453
4353503773380	435350	3773380	6.790915587
4351703773400	435170	3773400	5.795818854
4351903773400	435190	3773400	6.377422528
4352103773400	435210	3773400	6.889554708
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4353103773400	435310	3773400	7.783560408
4353303773400	435330	3773400	7.80800437
4353503773400	435350	3773400	7.879999735
4347803774060	434780	3774060	0.166699601
4348003774060	434800	3774060	0.176004444
4348203774060	434820	3774060	0.186284455
4348403774060	434840	3774060	0.197682276
4348603774060	434860	3774060	0.210357778
4348803774060	434880	3774060	0.224625723
4349003774060	434900	3774060	0.240840446
4349203774060	434920	3774060	0.259404943
4349403774060	434940	3774060	0.280895524
4347803774080	434780	3774080	0.160960754
4348003774080	434800	3774080	0.169713487
4348203774080	434820	3774080	0.179346921
4348403774080	434840	3774080	0.189998081
4348603774080	434860	3774080	0.201805393
4348803774080	434880	3774080	0.215069275
4349003774080	434900	3774080	0.230097356
4349203774080	434920	3774080	0.247226589
4349403774080	434940	3774080	0.266974702
4347803774100	434780	3774100	0.155504235
4348003774100	434800	3774100	0.163720099
4348203774100	434820	3774100	0.172750519
4348403774100	434840	3774100	0.182698065
4348603774100	434860	3774100	0.193720001
4348803774100	434880	3774100	0.20602448
4349003774100	434900	3774100	0.21994506
4349203774100	434920	3774100	0.235736817

FOR CHRONIC CALCS
MAX: 0.08

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0	0.021872756	0.049651214	0	0	0	0
0	0.022080012	0.051078456	0	0	0	0
0	0.02216319	0.052303512	0	0	0	0
0	0.02209339	0.053224789	0	0	0	0
0	0.021897541	0.053881609	0	0	0	0
0	0.021600437	0.054311126	0	0	0	0
0	0.021207155	0.054496102	0	0	0	0
0	0.020745836	0.054486443	0	0	0	0
0	0.018394645	0.052487162	0	0	0	0
0	0.017726511	0.051526967	0	0	0	0
0	0.017064019	0.050475453	0	0	0	0
0	0.016409566	0.049335933	0	0	0	0
0	0.01575341	0.048073095	0	0	0	0
0	0.015092561	0.046674853	0	0	0	0
0	0.014424408	0.045132829	0	0	0	0
0	0.013762683	0.043500634	0	0	0	0
0	0.022975848	0.050826955	0	0	0	0
0	0.023345108	0.052621278	0	0	0	0
0	0.023531757	0.054106953	0	0	0	0
0	0.023638416	0.055521291	0	0	0	0
0	0.02354325	0.056519718	0	0	0	0
0	0.023325842	0.057274797	0	0	0	0
0	0.022963045	0.057682891	0	0	0	0
0	0.022508352	0.057856564	0	0	0	0
0	0.021957855	0.057746673	0	0	0	0
0	0.019307519	0.055366509	0	0	0	0
0	0.018576111	0.05429862	0	0	0	0
0	0.017856306	0.05313854	0	0	0	0
0	0.01713224	0.051828685	0	0	0	0
0	0.016426186	0.050443557	0	0	0	0
0	0.015731577	0.048963333	0	0	0	0
0	0.015019111	0.047287383	0	0	0	0
0	0.014302406	0.04546901	0	0	0	0
0	0.024597383	0.053953086	0	0	0	0
0	0.024945777	0.055803527	0	0	0	0
0	0.025118657	0.057381861	0	0	0	0
0	0.025189325	0.058846401	0	0	0	0
0	0.025060631	0.059917247	0	0	0	0
0	0.024787484	0.060693812	0	0	0	0
0	0.024358003	0.061096955	0	0	0	0
0	0.023821738	0.06121847	0	0	0	0
0	0.023205301	0.061094556	0	0	0	0
0	0.020264488	0.058409374	0	0	0	0
0	0.01948604	0.057294484	0	0	0	0
0	0.018718987	0.056065537	0	0	0	0
0	0.017932257	0.054609476	0	0	0	0
0	0.017172894	0.053089754	0	0	0	0
0	0.016450339	0.051550359	0	0	0	0
0	0.015673972	0.049665148	0	0	0	0
0	0.014907112	0.047674344	0	0	0	0
0	0.026457027	0.057517719	0	0	0	0
0	0.026778478	0.059432749	0	0	0	0
0	0.026927082	0.061103868	0	0	0	0
0	0.02692218	0.062547139	0	0	0	0
0	0.026755863	0.063707017	0	0	0	0
0	0.026420393	0.064517383	0	0	0	0
0	0.025907441	0.064898232	0	0	0	0
0	0.025278198	0.064964781	0	0	0	0
0	0.024583987	0.064817735	0	0	0	0
0	0.028553903	0.061492028	0	0	0	0
0	0.028863586	0.063534224	0	0	0	0
0	0.028987241	0.065327766	0	0	0	0
0	0.028911032	0.066798236	0	0	0	0
0	0.028669919	0.067986917	0	0	0	0
0	0.028261416	0.068838438	0	0	0	0
0	0.027650895	0.069195266	0	0	0	0
0	0.026929395	0.069244222	0	0	0	0
0	0.026150103	0.069086377	0	0	0	0
0	0.030887598	0.065844731	0	0	0	0
0	0.031251658	0.068201603	0	0	0	0
0	0.031352987	0.070163264	0	0	0	0
0	0.031227743	0.071761616	0	0	0	0
0	0.030899617	0.072997849	0	0	0	0
0	0.030369201	0.07380916	0	0	0	0
0	0.029641475	0.074133626	0	0	0	0
0	0.028781555	0.074075918	0	0	0	0
0	0.027884653	0.073847265	0	0	0	0
0	0.033574033	0.070811831	0	0	0	0
0	0.033995288	0.073528835	0	0	0	0
0	0.034076169	0.075713457	0	0	0	0
0	0.033887528	0.077458616	0	0	0	0
0	0.033450834	0.07874321	0	0	0	0
0	0.032763555	0.079478147	0	0	0	0
0	0.031886462	0.079734508	0	0	0	0
0	0.030886544	0.079614212	0	0	0	0
0	0.029837045	0.079255773	0	0	0	0
0	0.028735898	0.078594854	0	0	0	0
0	0.0366815	0.076509543	0	0	0	0
0	0.037249844	0.079840811	0	0	0	0
0	0.037285733	0.08226315	0	0	0	0
0	0.037026195	0.084210683	0	0	0	0
0	0.036468362	0.085588523	0	0	0	0
0	0.035633612	0.086349951	0	0	0	0
0	0.034564123	0.086495877	0	0	0	0
0	0.033335016	0.086128448	0	0	0	0
0	0.032128206	0.085679963	0	0	0	0
0	0.030882141	0.084920798	0	0	0	0
0	0.040473174	0.083458048	0	0	0	0
0	0.041086021	0.087262892	0	0	0	0
0	0.041120007	0.090117875	0	0	0	0
0	0.040736286	0.092240714	0	0	0	0
0	0.040015064	0.093698958	0	0	0	0
0	0.038973938	0.094418592	0	0	0	0
0	0.0376635	0.094403021	0	0	0	0
0	0.036245528	0.093970795	0	0	0	0
0	0.034813618	0.093299581	0	0	0	0
0	0.033385081	0.092377112	0	0	0	0
0	0.045076039	0.091858544	0	0	0	0
0	0.045862235	0.096550431	0	0	0	0
0	0.045885867	0.099973032	0	0	0	0
0	0.045343969	0.102342208	0	0	0	0
0	0.044390976	0.103847416	0	0	0	0
0	0.043088141	0.10450118	0	0	0	0
0	0.041514527	0.104370458	0	0	0	0
0	0.03981484	0.103710122	0	0	0	0
0	0.038142829	0.102846589	0	0	0	0
0	0.036509707	0.101756108	0	0	0	0
0	0.050799907	0.102253255	0	0	0	0
0	0.051914113	0.108334696	0	0	0	0
0	0.052009987	0.112746398	0	0	0	0
0	0.051315997	0.115609402	0	0	0	0
0	0.050074848	0.117221442	0	0	0	0
0	0.048442505	0.117783077	0	0	0	0
0	0.046524981	0.117449264	0	0	0	0
0	0.044449544	0.116425417	0	0	0	0
0	0.042473593	0.115267657	0	0	0	0
0	0.040615216	0.113995351	0	0	0	0
0	0.057314017	0.114750166	0	0	0	0
0	0.058412995	0.122984389	0	0	0	0
0	0.058842442	0.129422351	0	0	0	0
0	0.058750371	0.133964212	0	0	0	0
0	0.057191499	0.135825105	0	0	0	0
0	0.054324008	0.13542094	0	0	0	0
0	0.051892962	0.134681664	0	0	0	0
0	0.049460479	0.13346612	0	0	0	0
0	0.047143506	0.131993133	0	0	0	0
0	0.045713804	0.13116457	0	0	0	0
0	0.001008405	0.002751662	0	0	0	0
0	0.001053021	0.002899888	0	0	0	0
0	0.001102999	0.003063722	0	0	0	0
0	0.001157936	0.003245034	0	0	0	0
0	0.001213082	0.003443834	0	0	0	0
0	0.00127526	0.003667466	0	0	0	0
0	0.001347115	0.003921989	0	0	0	0
0	0.001428484	0.004212857	0	0	0	0
0	0.00151705	0.004546705	0	0	0	0
0	0.000968519	0.002650301	0	0	0	0
0	0.001011298	0.002789709	0	0	0	0
0	0.001057994	0.002942867	0	0	0	0
0	0.001108227	0.003111485	0	0	0	0
0	0.001159097	0.003296141	0	0	0	0
0	0.001217365	0.003503945	0	0	0	0
0	0.001284081	0.003739567	0	0	0	0
0	0.001358924	0.004007483	0	0	0	0
0	0.001438675	0.004313124	0	0	0	0
0	0.000932424	0.002554764	0	0	0	0
0	0.000972494	0.002685305	0	0	0	0
0	0.001015953	0.002828458	0	0	0	0
0	0.001062139	0.002985332	0	0	0	0
0	0.001110739	0.003157947	0	0	0	0
0	0.001163599	0.003349897	0	0	0	0
0	0.001225401	0.00356785	0	0	0	0
0	0.001293565	0.003814117	0	0	0	0

Health Risk Assessment Results Summary — School Risk max: 0.07, 0.62, 0.70 — Non-dorm or school max: 0.23118839, 4.1, 7.88 — MAX: 0.32, 0.0000, 3.58, 3.90

Health Risk Assessment Results Su School Risk max: 0.70 — Non-dorm or scho: 4.20 — Sensitive Receptors — MAX: 4.30

FOR CHRONIC CALCS — MAX: 0.08

Overlapping Phases - Maximum GLC

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Onsite	Offroad	Total Risk	Unique Identifier	X (UTM)	Y (UTM)	Total Risk	2023	2024	2025	2026	2027	2028	2029
4349403774100	434940	3774100	0.01280138	0	0.241057109	0.2538585	4349403774100	434940	3774100	0.253858489	0	0.001368023	0.004094906	0	0	0	0
4347803774120	434780	3774120	0.010200179	0	0.140071634	0.1502718	4347803774120	434780	3774120	0.150271812	0	0.000897586	0.00246325	0	0	0	0
4348003774120	434800	3774120	0.010502353	0	0.147488751	0.1579911	4348003774120	434800	3774120	0.157991104	0	0.000935059	0.002585571	0	0	0	0
4348203774120	434820	3774120	0.010806373	0	0.155642136	0.1664485	4348203774120	434820	3774120	0.16644851	0	0.000975078	0.002719085	0	0	0	0
4348403774120	434840	3774120	0.011095829	0	0.164641508	0.1757373	4348403774120	434840	3774120	0.175737337	0	0.0010174	0.002864955	0	0	0	0
4348603774120	434860	3774120	0.011412671	0	0.174616076	0.1860287	4348603774120	434860	3774120	0.186028747	0	0.001063898	0.003026316	0	0	0	0
4348803774120	434880	3774120	0.011734744	0	0.185751411	0.1974862	4348803774120	434880	3774120	0.197486155	0	0.001114579	0.003205458	0	0	0	0
4349003774120	434900	3774120	0.012026969	0	0.198298066	0.210325	4349003774120	434900	3774120	0.210325035	0	0.001168754	0.003404935	0	0	0	0
4349203774120	434920	3774120	0.01238607	0	0.212496918	0.224883	4349203774120	434920	3774120	0.224882988	0	0.001230727	0.003631255	0	0	0	0
4349403774120	434940	3774120	0.012803124	0	0.228722833	0.241526	4349403774120	434940	3774120	0.241525957	0	0.00130166	0.003889987	0	0	0	0
4347803774140	434780	3774140	0.010135661	0	0.135111998	0.1452477	4347803774140	434780	3774140	0.14524766	0	0.000863735	0.002375375	0	0	0	0
4348003774140	434800	3774140	0.010443169	0	0.142069834	0.152513	4348003774140	434800	3774140	0.152513003	0	0.000898908	0.002490207	0	0	0	0
4348203774140	434820	3774140	0.010744728	0	0.149693144	0.1604379	4348203774140	434820	3774140	0.160437872	0	0.000936118	0.002614939	0	0	0	0
4348403774140	434840	3774140	0.011007515	0	0.158084012	0.1690915	4348403774140	434840	3774140	0.169091527	0	0.00097466	0.002750247	0	0	0	0
4348603774140	434860	3774140	0.011325896	0	0.167360968	0.1786869	4348603774140	434860	3774140	0.178686864	0	0.001017871	0.002900367	0	0	0	0
4348803774140	434880	3774140	0.011682843	0	0.177676875	0.1893597	4348803774140	434880	3774140	0.189359718	0	0.001065923	0.003067308	0	0	0	0
4349003774140	434900	3774140	0.012007993	0	0.189247117	0.2012551	4349003774140	434900	3774140	0.20125511	0	0.00111706	0.003252295	0	0	0	0
4349203774140	434920	3774140	0.012381044	0	0.202302193	0.2146832	4349203774140	434920	3774140	0.214683238	0	0.001174682	0.003460982	0	0	0	0
4349403774140	434940	3774140	0.012818818	0	0.217144845	0.2299637	4349403774140	434940	3774140	0.229963663	0	0.001240667	0.003698632	0	0	0	0
4347803774160	434780	3774160	0.01008376	0	0.13036896	0.1404527	4347803774160	434780	3774160	0.140452721	0	0.000832191	0.002291978	0	0	0	0
4348003774160	434800	3774160	0.010337419	0	0.136888474	0.1472259	4348003774160	434800	3774160	0.147225893	0	0.000863362	0.002398157	0	0	0	0
4348203774160	434820	3774160	0.010648517	0	0.144022487	0.154671	4348203774160	434820	3774160	0.154671004	0	0.000898422	0.002515144	0	0	0	0
4348403774160	434840	3774160	0.010959615	0	0.15184165	0.1628013	4348403774160	434840	3774160	0.162801265	0	0.000935836	0.002642532	0	0	0	0
4348603774160	434860	3774160	0.011304971	0	0.160466493	0.1717715	4348603774160	434860	3774160	0.171771465	0	0.000976994	0.002782969	0	0	0	0
4348803774160	434880	3774160	0.011664688	0	0.170027346	0.181692	4348803774160	434880	3774160	0.181692034	0	0.001021733	0.002937928	0	0	0	0
4349003774160	434900	3774160	0.01200707	0	0.180704346	0.1927114	4349003774160	434900	3774160	0.192711417	0	0.001069521	0.003109198	0	0	0	0
4349203774160	434920	3774160	0.012392327	0	0.192700458	0.2050928	4349203774160	434920	3774160	0.205092785	0	0.001123148	0.003301583	0	0	0	0
4349403774160	434940	3774160	0.012816458	0	0.206284578	0.219101	4349403774160	434940	3774160	0.219101036	0	0.001183374	0.00351903	0	0	0	0
4347803774180	434780	3774180	0.010033193	0	0.125837799	0.135871	4347803774180	434780	3774180	0.135870992	0	0.000802404	0.002212559	0	0	0	0
4348003774180	434800	3774180	0.010279979	0	0.131938925	0.1422189	4348003774180	434800	3774180	0.142218904	0	0.000831276	0.002311732	0	0	0	0
4348203774180	434820	3774180	0.010593436	0	0.138608048	0.1492015	4348203774180	434820	3774180	0.149201484	0	0.000864147	0.002421232	0	0	0	0
4348403774180	434840	3774180	0.010951922	0	0.145914154	0.1568661	4348403774180	434840	3774180	0.156866076	0	0.000900632	0.002541585	0	0	0	0
4348603774180	434860	3774180	0.011308766	0	0.153931631	0.1652404	4348603774180	434860	3774180	0.165240397	0	0.000939427	0.002672634	0	0	0	0
4348803774180	434880	3774180	0.011669304	0	0.162796407	0.1744657	4348803774180	434880	3774180	0.174465711	0	0.000981143	0.002816561	0	0	0	0
4349003774180	434900	3774180	0.011973837	0	0.172645263	0.1846191	4349003774180	434900	3774180	0.1846191	0	0.001024021	0.002973627	0	0	0	0
4349203774180	434920	3774180	0.012292115	0	0.183676762	0.1959689	4349203774180	434920	3774180	0.195968877	0	0.001071272	0.003148915	0	0	0	0
4349403774180	434940	3774180	0.012678705	0	0.196128007	0.2088067	4349403774180	434940	3774180	0.208806712	0	0.001125547	0.003347537	0	0	0	0
4347803774200	434780	3774200	0.009997293	0	0.121508619	0.1315059	4347803774200	434780	3774200	0.131505912	0	0.000774592	0.002137195	0	0	0	0
4348003774200	434800	3774200	0.010263055	0	0.127229549	0.1374926	4348003774200	434800	3774200	0.137492603	0	0.000802224	0.002230701	0	0	0	0
4348203774200	434820	3774200	0.010550664	0	0.133457751	0.1440084	4348203774200	434820	3774200	0.144008415	0	0.000832285	0.002332477	0	0	0	0
4348403774200	434840	3774200	0.010886584	0	0.14026539	0.151152	4348403774200	434840	3774200	0.151151974	0	0.00086571	0.002444203	0	0	0	0
4348603774200	434860	3774200	0.011233992	0	0.147729979	0.158964	4348603774200	434860	3774200	0.158963971	0	0.000901654	0.002566129	0	0	0	0
4348803774200	434880	3774200	0.011571656	0	0.155943319	0.167515	4348803774200	434880	3774200	0.167514975	0	0.000939701	0.002699046	0	0	0	0
4349003774200	434900	3774200	0.011893627	0	0.165027274	0.1769209	4349003774200	434900	3774200	0.1769209	0	0.000979938	0.002844542	0	0	0	0
4349203774200	434920	3774200	0.012214982	0	0.175148877	0.1873639	4349203774200	434920	3774200	0.187363859	0	0.001023533	0.003005635	0	0	0	0
4349403774200	434940	3774200	0.012603623	0	0.186527256	0.1991309	4349403774200	434940	3774200	0.19913088	0	0.001073358	0.003187414	0	0	0	0
4364003773420	436400	3773420	0.008720488	0	0.56807004	0.5767905	4364003773420	436400	3773420	0.576790529	0	0.003351862	0.009681515	0	0	0	0
4364203773420	436420	3773420	0.008510628	0	0.553567902	0.5620785	4364203773420	436420	3773420	0.56207853	0	0.003269567	0.009436811	0	0	0	0
4364403773420	436440	3773420	0.008293588	0	0.539734789	0.5480284	4364403773420	436440	3773420	0.548028377	0	0.003190624	0.009203017	0	0	0	0
4364603773420	436460	3773420	0.008084753	0	0.526509747	0.5345945	4364603773420	436460	3773420	0.5345945	0	0.003114908	0.008979317	0	0	0	0
4364803773420	436480	3773420	0.007876842	0	0.513778335	0.5216552	4364803773420	436480	3773420	0.521655177	0	0.003041973	0.008763913	0	0	0	0
4365003773420	436500	3773420	0.007708728	0	0.50177147	0.5094802	4365003773420	436500	3773420	0.509480198	0	0.002972774	0.008560545	0	0	0	0
4365203773420	436520	3773420	0.007544204	0	0.490229931	0.4977741	4365203773420	436520	3773420	0.497774134	0	0.002906179	0.008364991	0	0	0	0
4365403773420	436540	3773420	0.007367576	0	0.479123596	0.4864912	4365403773420	436540	3773420	0.486491172	0	0.00284187	0.008176592	0	0	0	0
4365603773420	436560	3773420	0.007195462	0	0.468442628	0.4756381	4365603773420	436560	3773420	0.47563809	0	0.002779908	0.007995316	0	0	0	0
4365803773420	436580	3773420	0.007033605	0	0.458216105	0.4652497	4365803773420	436580	3773420	0.46524971	0	0.002720383	0.007821615	0	0	0	0
4364003773440	436400	3773440	0.008958761	0	0.580899649	0.5898584	4364003773440	436400	3773440	0.58985841	0	0.003420397	0.009895005	0	0	0	0
4364203773440	436420	3773440	0.008875986	0	0.572318316	0.5811943	4364203773440	436420	3773440	0.581194302	0	0.003440542	0.009801099	0	0	0	0
4364403773440	436440	3773440	0.008671972	0	0.558059614	0.5667316	4364403773440	436440	3773440	0.566731586	0	0.00335959	0.00956048	0	0	0	0
4364603773440	436460	3773440	0.008446931	0	0.544278731	0.5527257	4364603773440	436460	3773440	0.552725662	0	0.003280019	0.009326861	0	0	0	0
4364803773440	436480	3773440	0.008062393	0	0.524849256	0.5329116	4364803773440	436480	3773440	0.532911649	0	0.003100551	0.008947664	0	0	0	0
4365003773440	436500	3773440	0.007889663	0	0.512443351	0.520333	4365003773440	436500	3773440	0.520333014	0	0.003029225	0.008737667	0	0	0	0
4365203773440	436520	3773440	0.007699599	0	0.50049469	0.5081943	4365203773440	436520	3773440	0.508194289	0	0.002960273	0.008535151	0	0	0	0
4365403773440	436540	3773440	0.007561436	0	0.489124037	0.4966855	4365403773440	436540	3773440	0.496685473	0	0.002894699	0.00834259	0	0	0	0
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4364803773640	436480	3773640	0.00995011	0	0.638388015	0.6483381	4364803773640	436480	3773640	0.648338125	0	0.003829133	0.010926368	0	0	0	0
4365003773640	436500	3773640	0.009693272	0	0.622059506	0.6317528	4365003773640	436500	3773640	0.631752778	0	0.003734536	0.010649355	0	0	0	0
4365203773640	436520	3773640	0.009468026	0	0.606501313	0.6159693	4365203773640	436520	3773640	0.615969339	0	0.003644828	0.010385783	0	0	0	0

Health Risk Assessment Results Summary | School Risk max 0.07 | 0.62 | 0.70
Non-dorm or school max 0.23118839 | 4.1 | 7.88

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Onsite	Offroad	Total Risk
		MAX:	0.32	0.0000	3.58	3.90
4365403773640	436540	3773640	0.009146466	0	0.590785879	0.5999323
4365603773640	436560	3773640	0.00883147	0	0.575623286	0.5844548
4365803773640	436580	3773640	0.008630021	0	0.561999271	0.5706293
4364003773660	436400	3773660	0.011239428	0	0.721092218	0.7323316
4364203773660	436420	3773660	0.010902072	0	0.700890563	0.7117926
4364403773660	436440	3773660	0.01063467	0	0.682053361	0.692688
4364603773660	436460	3773660	0.010346035	0	0.663856948	0.674203
4364803773660	436480	3773660	0.010081504	0	0.646571722	0.6566532
4365003773660	436500	3773660	0.009856565	0	0.630296279	0.6401528
4365203773660	436520	3773660	0.009539313	0	0.613727292	0.6232666
4365403773660	436540	3773660	0.00928186	0	0.598303117	0.607585
4365603773660	436560	3773660	0.009050357	0	0.583655243	0.5927056
4365803773660	436580	3773660	0.008805622	0	0.569499031	0.5783047
4364003773680	436400	3773680	0.011374822	0	0.729764946	0.7411398
4364203773680	436420	3773680	0.011031722	0	0.709236192	0.7202679
4364403773680	436440	3773680	0.01074719	0	0.690119765	0.700867
4364603773680	436460	3773680	0.010457016	0	0.671653965	0.682111
4364803773680	436480	3773680	0.010186639	0	0.65407039	0.664257
4365003773680	436500	3773680	0.009967855	0	0.637498027	0.6474659
4365203773680	436520	3773680	0.009605984	0	0.620392603	0.6299986
4365403773680	436540	3773680	0.00937243	0	0.604998576	0.614371
4365603773680	436560	3773680	0.009151595	0	0.590258621	0.5994102
4365803773680	436580	3773680	0.008885628	0	0.575584171	0.5844698
4364003773700	436400	3773700	0.011496882	0	0.737547081	0.749044
4364203773700	436420	3773700	0.011150294	0	0.716758169	0.7279085
4364403773700	436440	3773700	0.010846171	0	0.697207638	0.7080538
4364603773700	436460	3773700	0.010563588	0	0.67860584	0.6891694
4364803773700	436480	3773700	0.010302647	0	0.660921717	0.6712244
4365003773700	436500	3773700	0.010049399	0	0.64396631	0.6540157
4365203773700	436520	3773700	0.009715735	0	0.626792602	0.6365083
4365403773700	436540	3773700	0.009483104	0	0.611219878	0.620703
4365603773700	436560	3773700	0.009258166	0	0.596255939	0.6055141
4365803773700	436580	3773700	0.009019586	0	0.581673799	0.5906934
4364003773720	436400	3773720	0.011602325	0	0.744372281	0.7559746
4364203773720	436420	3773720	0.011239634	0	0.723374985	0.7346146
4364403773720	436440	3773720	0.010933459	0	0.703608599	0.7145421
4364603773720	436460	3773720	0.010661543	0	0.684783087	0.6954446
4364803773720	436480	3773720	0.01038337	0	0.666740103	0.6771235
4365003773720	436500	3773720	0.010138738	0	0.649688165	0.6598269
4365203773720	436520	3773720	0.009819127	0	0.632619133	0.6424383
4365403773720	436540	3773720	0.009571315	0	0.616718606	0.6262899
4365603773720	436560	3773720	0.009382277	0	0.601834445	0.6112167
4365803773720	436580	3773720	0.009177135	0	0.587409636	0.5965868
4364003773740	436400	3773740	0.011676689	0	0.75019355	0.7618702
4364203773740	436420	3773740	0.01132887	0	0.729020462	0.7403493
4364403773740	436440	3773740	0.011020747	0	0.709078342	0.7200991
4364603773740	436460	3773740	0.010731907	0	0.690080726	0.7008126
4364803773740	436480	3773740	0.010449734	0	0.671837005	0.6822867
4365003773740	436500	3773740	0.010192999	0	0.654519919	0.6647129
4365203773740	436520	3773740	0.009842513	0	0.63699623	0.6468387
4365403773740	436540	3773740	0.009582803	0	0.620842043	0.6304248
4365603773740	436560	3773740	0.009462282	0	0.606367047	0.6158293
4365803773740	436580	3773740	0.009317042	0	0.59214135	0.6014584
4364003773760	436400	3773760	0.011748078	0	0.754883764	0.7666318
4364203773760	436420	3773760	0.011403234	0	0.733657722	0.745061
4364403773760	436440	3773760	0.011098291	0	0.713622642	0.7247209
4364603773760	436460	3773760	0.010803399	0	0.694437862	0.7052413
4364803773760	436480	3773760	0.010540202	0	0.676264913	0.6868051
4365003773760	436500	3773760	0.010275979	0	0.658744068	0.66902
4365203773760	436520	3773760	0.009901286	0	0.640940101	0.6508414
4365403773760	436540	3773760	0.009641371	0	0.624710322	0.6343517
4365603773760	436560	3773760	0.009508029	0	0.610076044	0.6195841
4365803773760	436580	3773760	0.009349967	0	0.595648625	0.6049986
4364003773780	436400	3773780	0.011783568	0	0.758450664	0.7702342
4364203773780	436420	3773780	0.011447545	0	0.737238175	0.7486857
4364403773780	436440	3773780	0.011141576	0	0.717120851	0.7282624
4364603773780	436460	3773780	0.010878789	0	0.697998821	0.7088776
4364803773780	436480	3773780	0.010615386	0	0.679713846	0.6903292
4365003773780	436500	3773780	0.010334136	0	0.661990003	0.6723241
4365203773780	436520	3773780	0.009957701	0	0.644345886	0.6543036
4365403773780	436540	3773780	0.009690606	0	0.62796835	0.637659
4365603773780	436560	3773780	0.009565674	0	0.613162423	0.6227281
4365803773780	436580	3773780	0.009366789	0	0.598436386	0.6078032
4364003773800	436400	3773800	0.01182675	0	0.760930135	0.7727569
4364203773800	436420	3773800	0.01150919	0	0.739864984	0.7513742
4364403773800	436440	3773800	0.011201375	0	0.719700865	0.7309022
4364603773800	436460	3773800	0.010912637	0	0.700460756	0.7113734
4364803773800	436480	3773800	0.010629233	0	0.682001195	0.6926304
4365003773800	436500	3773800	0.010358856	0	0.664328122	0.674687
4365203773800	436520	3773800	0.010080888	0	0.647262791	0.6573437
4365403773800	436540	3773800	0.009844052	0	0.631100307	0.6409444
4365603773800	436560	3773800	0.00961337	0	0.615551667	0.625165
4365803773800	436580	3773800	0.009398175	0	0.600581362	0.6099795
4350403773340	435040	3773340	0.022783288	0	0.309800434	0.3325837
4350603773340	435060	3773340	0.025266636	0	0.343426836	0.3686935
4350803773340	435080	3773340	0.028353306	0	0.377936348	0.4062897
4351003773340	435100	3773340	0.032240339	0	0.413048003	0.4452883
4351203773340	435120	3773340	0.037188572	0	0.448990216	0.4861788
4350403773360	435040	3773360	0.023703555	0	0.327196177	0.3508997
4350603773360	435060	3773360	0.02652549	0	0.364540608	0.3910661
4350803773360	435080	3773360	0.030179584	0	0.402998703	0.4331783
4351003773360	435100	3773360	0.03510761	0	0.443207284	0.4783149
4351203773360	435120	3773360	0.041871453	0	0.484174949	0.5260464
4350403773380	435040	3773380	0.024456017	0	0.346426847	0.3708829
4350603773380	435060	3773380	0.027611	0	0.389248902	0.4168599
4350803773380	435080	3773380	0.031808207	0	0.432238334	0.4640465
4351003773380	435100	3773380	0.037762149	0	0.476508433	0.5142706
4351203773380	435120	3773380	0.046789838	0	0.52250521	0.569295
4351403773380	435140	3773380	0.061424368	0	0.570864294	0.6322887
4350403773400	435040	3773400	0.024987335	0	0.368378669	0.393366
4350603773400	435060	3773400	0.028334331	0	0.416647114	0.4449814
4350803773400	435080	3773400	0.032922642	0	0.465542093	0.4984647
4351003773400	435100	3773400	0.039717974	0	0.515655916	0.5553739
4351203773400	435120	3773400	0.050907143	0	0.567650694	0.6185578
4351403773400	435140	3773400	0.07283868	0	0.624616394	0.6974551
4350803773440	435080	3773440	0.033020802	0	0.556095279	0.5891161
4351003773440	435100	3773440	0.039533654	0	0.622987231	0.6625209
4351203773440	435120	3773440	0.049803786	0	0.689808763	0.7396125
4351403773440	435140	3773440	0.067999583	0	0.760312568	0.8283122
4350803773460	435080	3773460	0.032110279	0	0.621093909	0.6532042
4351003773460	435100	3773460	0.037641013	0	0.699175387	0.7368164
4351203773460	435120	3773460	0.045549344	0	0.77399305	0.8195424
4351403773460	435140	3773460	0.057199569	0	0.851883314	0.9090829
4350803773480	435080	3773480	0.030858912	0	0.709245685	0.7401046
4351003773480	435100	3773480	0.035346498	0	0.804162424	0.8395089
4351203773480	435120	3773480	0.041122479	0	0.897844844	0.9389673
4351403773480	435140	3773480	0.048729764	0	0.979725671	1.0284554
4350803773500	435080	3773500	0.02947328	0	0.835344597	0.8648179
4351003773500	435100	3773500	0.033075062	0	0.954305836	0.9873809
4351203773500	435120	3773500	0.037462026	0	1.061502351	1.0989644
4351403773500	435140	3773500	0.042715305	0	1.157123286	1.1998386
4350803773520	435080	3773520	0.028118931	0	1.024197981	1.0523169
4351003773520	435100	3773520	0.031051335	0	1.179430566	1.2104819
4351203773520	435120	3773520	0.034455976	0	10.31302511	10.347481
4351403773520	435140	3773520	0.03834742	0	11.1669792	11.205327
4350803773540	435080	3773540	0.026877514	0	10.52205252	10.54893
4351003773540	435100	3773540	0.029307627	0	12.2284203	12.257728
4351203773540	435120	3773540	0.032044018	0	13.5299046	13.561949
4351403773540	435140	3773540	0.035077044	0	14.49503069	14.530108
4350803773560	435080	3773560	0.025766669	0	15.41384476	15.439611
4351003773560	435100	3773560	0.027826194	0	17.83495218	17.862778
4351203773560	435120	3773560	0.030088091	0	19.54507553	19.575164
4351403773560	435140	3773560	0.032538821	0	20.73130148	20.76384
4350803773580	435080	3773580	0.024788962	0	25.38824174	25.413031
4351003773580	435100	3773580	0.026567647	0	28.94645351	28.973021
4351203773580	435120	3773580	0.028494136	0	31.04273848	31.071233
4351403773580	435140	3773580	0.030447294	0	32.32884747	32.359295

Health Risk Assessment Results Su | School Risk max 0.70
Non-dorm or scho 4.20
Sensitive Receptors

Unique Identifier	X (UTM)	Y (UTM)	Total Risk
		MAX:	4.30
4365403773640	436540	3773640	0.599932345
4365603773640	436560	3773640	0.584454756
4365803773640	436580	3773640	0.570629292
4364003773660	436400	3773660	0.732331647
4364203773660	436420	3773660	0.711792635
4364403773660	436440	3773660	0.692688031
4364603773660	436460	3773660	0.674202982
4364803773660	436480	3773660	0.656653226
4365003773660	436500	3773660	0.640152845
4365203773660	436520	3773660	0.623266605
4365403773660	436540	3773660	0.607584977
4365603773660	436560	3773660	0.5927056
4365803773660	436580	3773660	0.578304654
4364003773680	436400	3773680	0.741139768
4364203773680	436420	3773680	0.720267914
4364403773680	436440	3773680	0.700866955
4364603773680	436460	3773680	0.682110981
4364803773680	436480	3773680	0.664257029
4365003773680	436500	3773680	0.647465882
4365203773680	436520	3773680	0.629998587
4365403773680	436540	3773680	0.614371006
4365603773680	436560	3773680	0.599410215
4365803773680	436580	3773680	0.584469799
4364003773700	436400	3773700	0.749043963
4364203773700	436420	3773700	0.727908463
4364403773700	436440	3773700	0.708053809
4364603773700	436460	3773700	0.689169428
4364803773700	436480	3773700	0.671224364
4365003773700	436500	3773700	0.654015709
4365203773700	436520	3773700	0.636508337
4365403773700	436540	3773700	0.620702982
4365603773700	436560	3773700	0.605514105
4365803773700	436580	3773700	0.590693385
4364003773720	436400	3773720	0.755974606
4364203773720	436420	3773720	0.734614619
4364403773720	436440	3773720	0.714542058
4364603773720	436460	3773720	0.69544463
4364803773720	436480	3773720	0.677123473
4365003773720	436500	3773720	0.659826903
4365203773720	436520	3773720	0.64243826
4365403773720	436540	3773720	0.626289921
4365603773720	436560	3773720	0.611216722
4365803773720	436580	3773720	0.59658677
4364003773740	436400	3773740	0.761870239
4364203773740	436420	3773740	0.740349333
4364403773740	436440	3773740	0.720099089
4364603773740	436460	3773740	0.700812633
4364803773740	436480	3773740	0.682286739
4365003773740	436500	3773740	0.664712917
4365203773740	436520	3773740	0.646838743
4365403773740	436540	3773740	0.630424846
4365603773740	436560	3773740	0.615829329
4365803773740	436580	3773740	0.601458392
4364003773760	436400	3773760	0.766631842
4364203773760	436420	3773760	0.745060956
4364403773760	436440	3773760	0.724720932
4364603773760	436460	3773760	0.705241261
4364803773760	436480	3773760	0.686805115
4365003773760	436500	3773760	0.669020046
4365203773760	436520	3773760	0.650841388
4365403773760	436540	3773760	0.634351693
4365603773760	436560	3773760	0.619584073
4365803773760	436580	3773760	0.604998593
4364003773780	436400	3773780	0.770234232
4364203773780	436420	3773780	0.74868572
4364403773780	436440	3773780	0.728262426
4364603773780	436460	3773780	0.708877609
4364803773780	436480	3773780	0.690329232
4365003773780	436500	3773780	0.67232414
4365203773780	436520	3773780	0.654303586
4365403773780	436540	3773780	0.637658955
4365603773780	436560	3773780	0.622728097
4365803773780	436580	3773780	0.607803175
4364003773800	436400	3773800	0.772756885
4364203773800	436420	3773800	0.751374174
4364403773800	436440	3773800	0.73090224
4364603773800	436460	3773800	0.711373393
4364803773800	436480	3773800	0.692630429
4365003773800	436500	3773800	0.674686978
4365203773800	436520	3773800	0.657343679
4365403773800	436540	3773800	0.640944359
4365603773800	436560	3773800	0.625165036
4365803773800	436580	3773800	0.609979538
4350403773340	435040	3773340	0.332583722
4350603773340	435060	3773340	0.368693472
4350803773340	435080	3773340	0.406289655
4351003773340	435100	3773340	0.445288342
4351203773340	435120	3773340	0.486178788
4350403773360	435040	3773360	0.350899733
4350603773360	435060	3773360	0.391066098
4350803773360	435080	3773360	0.433178287
4351003773360	435100	3773360	0.478314895
4351203773360	435120	3773360	0.526046402
4350403773380	435040	3773380	0.370882864
4350603773380	435060	3773380	0.416859902
4350803773380	435080	3773380	0.464046542
4351003773380	435100	3773380	0.514270582
4351203773380	435120	3773380	0.569295048
4351403773380	435140	3773380	0.632288663
4350403773400	435040	3773400	0.393366004
4350603773400	435060	3773400	0.444981445
4350803773400	435080	3773400	0.498464734
4351003773400	435100	3773400	0.55537389
4351203773400	435120	3773400	0.618557837
4351403773400	435140	3773400	0.697455074
4350803773440	435080	3773440	0.589116081
4351003773440	435100	3773440	0.662520884
4351203773440	435120	3773440	0.739612549
4351403773440	435140	3773440	0.828312152
4350803773460	435080	3773460	0.653204188
4351003773460	435100	3773460	0.7368164
4351203773460	435120	3773460	0.819542393
4351403773460	435140	3773460	0.909082883
4350803773480	435080	3773480	0.740104597
4351003773480	435100	3773480	0.839508922
4351203773480	435120	3773480	0.938967323
4351403773480	435140	3773480	1.028455435
4350803773500	435080	3773500	0.864817877
4351003773500	435100	3773500	0.987380898
4351203773500	435120	3773500	1.098964378
4351403773500	435140	3773500	1.199838592
4350803773520	435080	3773520	1.052316913
4351003773520	435100	3773520	1.210481902
4351203773520	435120	3773520	10.34748108
4351403773520	435140	3773520	11.20532662
4350803773540	435080	3773540	10.54893003
4351003773540	435100	3773540	12.25772792
4351203773540	435120	3773540	13.56194862
4351403773540	435140	3773540	14.53010774
4350803773560	435080	3773560	15.43961143
4351003773560	435100	3773560	17.86277838
4351203773560	435120	3773560	19.57516362
4351403773560	435140	3773560	20.7638403
4350803773580	435080	3773580	25.41303071
4351003773580	435100	3773580	28.97302116
4351203773580	435120	3773580	31.07123262
4351403773580	435140	3773580	32.35929477

FOR CHRONIC CALCS
MAX: 0.08

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0	0.003549131	0.010115522	0	0	0	0
0	0.003455814	0.009854027	0	0	0	0
0	0.003377279	0.009623225	0	0	0	0
0	0.00429614	0.012320462	0	0	0	0
0	0.004179232	0.011977778	0	0	0	0
0	0.004072331	0.011659935	0	0	0	0
0	0.003967592	0.011351728	0	0	0	0
0	0.003868489	0.011059271	0	0	0	0
0	0.003776303	0.010784801	0	0	0	0
0	0.003677081	0.010501159	0	0	0	0
0	0.00358675	0.010238728	0	0	0	0
0	0.003501644	0.009990043	0	0	0	0
0	0.003418542	0.009749014	0	0	0	0
0	0.004334532	0.01245885	0	0	0	0
0	0.004216267	0.012111012	0	0	0	0
0	0.004108094	0.011788649	0	0	0	0
0	0.004002381	0.011476313	0	0	0	0
0	0.003901843	0.011179007	0	0	0	0
0	0.003808381	0.010899859	0	0	0	0
0	0.00370494	0.010606192	0	0	0	0
0	0.003616722	0.010345769	0	0	0	0
0	0.003532251	0.01009642	0	0	0	0
0	0.003444977	0.009845699	0	0	0	0
0	0.004365193	0.012580235	0	0	0	0
0	0.00424629	0.012228626	0	0	0	0
0	0.004135398	0.011898711	0	0	0	0
0	0.004030047	0.011584944	0	0	0	0
0	0.003930226	0.011286923	0	0	0	0
0	0.003834244	0.011000972	0	0	0	0
0	0.003731909	0.010707339	0	0	0	0
0	0.003643274	0.010444352	0	0	0	0
0	0.003557872	0.010191471	0	0	0	0
0	0.003473213	0.009943926	0	0	0	0
0	0.004387791	0.012683523	0	0	0	0
0	0.004268487	0.012328936	0	0	0	0
0	0.004157123	0.011995937	0	0	0	0
0	0.004051302	0.011679025	0	0	0	0
0	0.003949337	0.011374834	0	0	0	0
0	0.003853842	0.011088046	0	0	0	0
0	0.003754045	0.01079765	0	0	0	0
0	0.003663302	0.010528919	0	0	0	0
0	0.003580486	0.01027906	0	0	0	0
0	0.003499024	0.010035961	0	0	0	0
0	0.004402018	0.012767849	0	0	0	0
0	0.004282941	0.012411251	0	0	0	0
0	0.004171423	0.012075911	0	0	0	0
0	0.004065151	0.01175644	0	0	0	0
0	0.003962569	0.011449244	0	0	0	0
0	0.003865619	0.011157994	0	0	0	0
0	0.003762664	0.010859429	0	0	0	0
0	0.003670477	0.01058639	0	0	0	0
0	0.003593259	0.010346034	0	0	0	0
0	0.003514859	0.010107887	0	0	0	0
0	0.004407014	0.012831057	0	0	0	0
0	0.004289129	0.012474676	0	0	0	0
0	0.004178099	0.012138529	0	0	0	0
0	0.004071426	0.011816378	0	0	0	0
0	0.003970742	0.011511532	0	0	0	0
0	0.003873033	0.011217125	0	0	0	0
0	0.003769244	0.010914328	0	0	0	0
0	0.003677666	0.010640783	0	0	0	0
0	0.003599199	0.010397453	0	0	0	0
0	0.003519774	0.010155961	0	0	0	0
0	0.004402939	0.012873262	0	0	0	0
0	0.004286656	0.01251826	0	0	0	0
0	0.004176256	0.012181535	0	0	0	0
0	0.004071438	0.01186164	0	0	0	0
0	0.003970721	0.011555353	0	0	0	0
0	0.003872599	0.011258024	0	0	0	0
0	0.003772193	0.010959739	0	0	0	0
0	0.003680508	0.010684224	0	0	0	0
0	0.003600956	0.010437949	0	0	0	0
0	0.003519408	0.010190996	0	0	0	0
0	0.00439096	0.01289591	0	0	0	0
0	0.004276898	0.012544463	0	0	0	0
0	0.004167452	0.012207845	0	0	0	0
0	0.004062743	0.01188646	0	0	0	0
0	0.003962032	0.011577911	0	0	0	0
0	0.003865365	0.011282328	0	0	0	0
0	0.003771644	0.010996583	0	0	0	0
0	0.003682825	0.01072599	0	0	0	0
0	0.003597118	0.010465472	0	0	0	0
0	0.003514485	0.010214582	0	0	0	0
0	0.027573498	0.051185417	0	0	0	0
0	0.030320487	0.056559867	0	0	0	0
0	0.032884497	0.06188888	0	0	0	0
0	0.03518024	0.067082215	0	0	0	0
0	0.037180251	0.072143077	0	0	0	0
0	0.029909769	0.054639656	0	0	0	0
0	0.033109121	0.060718159	0	0	0	0
0	0.036108039	0.066761932	0	0	0	0
0	0.038875355	0.072812558	0	0	0	0
0	0.041240161	0.078647127	0	0	0	0
0	0.032556972	0.058505046	0	0	0	0
0	0.036423175	0.065620614	0	0	0	0
0	0.039958746	0.072512019	0	0	0	0
0	0.043151042	0.079282647	0	0	0	0
0	0.045914812	0.085917801	0	0	0	0
0	0.048189727	0.092443571	0	0	0	0
0	0.035621023	0.062947604	0	0	0	0
0	0.040211615	0.071139156	0	0	0	0
0	0.044477684	0.079157257	0	0	0	0
0	0.048320897	0.086991065	0	0	0	0
0	0.051619769	0.094623182	0	0	0	0
0	0.054452806	0.102437141	0	0	0	0
0	0.056963913	0.097364035	0	0	0	0
0	0.062870502	0.108385922	0	0	0	0
0	0.067735323	0.118643493	0	0	0	0
0	0.071543148	0.12851061	0	0	0	0
0	0.065982067	0.110470902	0	0	0	0
0	0.073381252	0.123702555	0	0	0	0
0	0.079248476	0.135487016	0	0	0	0
0	0.083785048	0.146606352	0	0	0	0
0	0.078216483	0.128249396	0	0	0	0
0	0.087880221	0.144820948	0	0	0	0
0	0.096120966	0.160224137	0	0	0	0
0	0.101126371	0.172073912	0	0	0	0
0	0.095717724	0.153682432	0	0	0	0
0	0.108664417	0.175061768	0	0	0	0
0	0.118811431	0.193209601	0	0	0	0
0	0.125552938	0.207698144	0	0	0	0
0	0.121980045	0.19181251	0	0	0	0
0	0.139925489	0.220480599	0	0	0	0
0	0.153622467	0.243821175	0	0	0	0
0	0.162139789	0.260913519	0	0	0	0
0	0.165776984	0.255406626	0	0	0	0
0	0.192270944	0.296532644	0	0	0	0
0	0.21047182	0.326422992	0	0	0	0
0	0.220940983	0.346358246	0	0	0	0
0	0.252216273	0.381016733	0	0	0	0
0	0.29133092	0.440488425	0	0	0	0
0	0.316711793	0.480840511	0	0	0	0
0	0.331004919	0.506390383	0	0	0	0
0	0.428318138	0.637030887	0	0	0	0
0	0.487498829	0.725680932	0	0	0	0
0	0.519727138	0.775965638	0	0	0	0
0	0.535733975	0.804041091	0	0	0	0

Phase 2 Health Risk Assessment

Claremont McKenna Health Risk Assessment

Health Risk Assessment Resul School Risk max 0.57 0.34 0.91
Non-dorm or sc 0.67 0.23 0.89
MAX: 1.10 0.80 1.90

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Offroad	Total Risk
4349803774260	434980	3774260	0.103958119	0.019108015	0.123066
4350003774260	435000	3774260	0.107423071	0.020459249	0.127882
4350203774260	435020	3774260	0.111533573	0.022001198	0.133535
4349803774280	434980	3774280	0.103563307	0.018107232	0.121671
4350003774280	435000	3774280	0.10689692	0.019311918	0.126209
4350203774280	435020	3774280	0.110998666	0.020676069	0.131675
4349803774300	434980	3774300	0.103380229	0.017170333	0.120551
4350003774300	435000	3774300	0.106659715	0.018215532	0.124875
4350203774300	435020	3774300	0.110691413	0.019412202	0.130104
4349803774320	434980	3774320	0.103140635	0.016281407	0.119422
4350003774320	435000	3774320	0.106745682	0.017217409	0.123963
4350203774320	435020	3774320	0.110655594	0.01825998	0.128916
4349803774340	434980	3774340	0.102962333	0.01543249	0.118395
4350003774340	435000	3774340	0.105813576	0.016214266	0.122028
4350203774340	435020	3774340	0.110170835	0.017170011	0.127341
4348603774280	434860	3774280	0.08583657	0.013021774	0.098858
4348803774280	434880	3774280	0.088339168	0.01368215	0.102021
4349003774280	434900	3774280	0.091164143	0.014403638	0.105568
4349203774280	434920	3774280	0.094202444	0.015193159	0.109396
4348603774300	434860	3774300	0.085363751	0.012532925	0.097897
4348803774300	434880	3774300	0.088063755	0.01314334	0.101207
4349003774300	434900	3774300	0.090911813	0.013807788	0.10472
4349203774300	434920	3774300	0.093943746	0.014532253	0.108476
4348603774320	434860	3774320	0.085207736	0.012065809	0.097274
4348803774320	434880	3774320	0.087926844	0.012630177	0.100557
4349003774320	434900	3774320	0.090745451	0.013241662	0.103987
4349203774320	434920	3774320	0.093662761	0.013905982	0.107569
4347803774340	434780	3774340	0.075837321	0.009868878	0.085706
4348003774340	434800	3774340	0.077957047	0.010262718	0.08822
4348203774340	434820	3774340	0.080123737	0.010683574	0.090807
4348403774340	434840	3774340	0.08253798	0.011134807	0.093673
4348603774340	434860	3774340	0.085094706	0.011619517	0.096714
4348803774340	434880	3774340	0.087805058	0.012141248	0.099946
4349003774340	434900	3774340	0.090496306	0.012703346	0.1032
4349203774340	434920	3774340	0.093440679	0.013311968	0.106753
4349403774340	434940	3774340	0.096500472	0.013972195	0.110473
4349603774340	434960	3774340	0.099645435	0.01467664	0.114322
4347803774360	434780	3774360	0.0755635	0.009562711	0.085126
4348003774360	434800	3774360	0.07773019	0.0099315	0.087662
4348203774360	434820	3774360	0.079936679	0.010323886	0.090261
4348403774360	434840	3774360	0.082343758	0.010743717	0.093087
4348603774360	434860	3774360	0.084808944	0.011192799	0.096002
4348803774360	434880	3774360	0.087525664	0.011674723	0.0992
4349003774360	434900	3774360	0.090204973	0.012186212	0.102391
4349203774360	434920	3774360	0.093109547	0.012735895	0.105845
4349403774360	434940	3774360	0.096219487	0.01332773	0.109547
4349603774360	434960	3774360	0.099453601	0.013962963	0.113417
4347803774380	434780	3774380	0.075306395	0.009267775	0.084574
4348003774380	434800	3774380	0.077498556	0.009612546	0.087111
4348203774380	434820	3774380	0.079748825	0.009978738	0.089728
4348403774380	434840	3774380	0.082186152	0.010368889	0.092555
4348603774380	434860	3774380	0.084597211	0.010778964	0.095376
4348803774380	434880	3774380	0.087347362	0.011223612	0.098571
4349003774380	434900	3774380	0.090003587	0.011683913	0.101687
4349203774380	434920	3774380	0.092823786	0.012180888	0.105005
4349403774380	434940	3774380	0.095926562	0.012717671	0.108644
4349603774380	434960	3774380	0.099177392	0.01329252	0.11247
4347803774400	434780	3774400	0.075085109	0.008981517	0.084067
4348003774400	434800	3774400	0.077201651	0.009298897	0.086501
4348203774400	434820	3774400	0.079491719	0.009636906	0.089129
4348403774400	434840	3774400	0.081945762	0.00999721	0.091943
4348603774400	434860	3774400	0.084465872	0.010377681	0.094844
4348803774400	434880	3774400	0.087205676	0.010786797	0.097992
4349003774400	434900	3774400	0.089759217	0.011205904	0.100965
4349203774400	434920	3774400	0.092624788	0.011659231	0.104284
4349403774400	434940	3774400	0.095616125	0.012143417	0.10776
4349603774400	434960	3774400	0.098870139	0.012662502	0.111533
4347803774420	434780	3774420	0.074844719	0.008695409	0.08354
4348003774420	434800	3774420	0.077006633	0.008992291	0.085999
4348203774420	434820	3774420	0.079250534	0.009306195	0.088557
4348403774420	434840	3774420	0.081673533	0.009639174	0.091313
4348603774420	434860	3774420	0.084230258	0.009991807	0.094222
4348803774420	434880	3774420	0.087048069	0.010372529	0.097421
4349003774420	434900	3774420	0.089592855	0.010756193	0.100349
4349203774420	434920	3774420	0.092387582	0.011166683	0.103554
4349403774420	434940	3774420	0.095383695	0.011606508	0.10699
4349603774420	434960	3774420	0.09865363	0.01207698	0.110731
4347803774440	434780	3774440	0.074593186	0.008420934	0.083014
4348003774440	434800	3774440	0.076774203	0.008698573	0.085473
4348203774440	434820	3774440	0.078985469	0.008988672	0.087974
4348403774440	434840	3774440	0.081308969	0.009293195	0.090602
4348603774440	434860	3774440	0.083742315	0.009613763	0.093356
4348803774440	434880	3774440	0.086447892	0.009958146	0.096406
4349003774440	434900	3774440	0.089353262	0.010324346	0.099678
4349203774440	434920	3774440	0.092149581	0.010700847	0.10285
4349403774440	434940	3774440	0.095168778	0.011099677	0.106268
4349603774440	434960	3774440	0.098294637	0.011520639	0.109815
4349803774340	434980	3774340	0.102962333	0.01543249	0.118395
4350003774340	435000	3774340	0.105813576	0.016214266	0.122028
4350203774340	435020	3774340	0.110170835	0.017170011	0.127341
4349803774360	434980	3774360	0.102670204	0.014638144	0.117308
4350003774360	435000	3774360	0.105448215	0.015328758	0.120777
4350203774360	435020	3774360	0.11007054	0.016189978	0.126261
4350403774360	435040	3774360	0.114287704	0.017080402	0.131368
4350603774360	435060	3774360	0.118701479	0.01805229	0.136754
4349803774380	434980	3774380	0.102424243	0.013901187	0.116325
4350003774380	435000	3774380	0.105248421	0.014518879	0.119767
4350203774380	435020	3774380	0.109876318	0.015282161	0.125158
4350403774380	435040	3774380	0.114176265	0.01607049	0.130247
4350603774380	435060	3774380	0.118796202	0.016927379	0.135724
4350803774380	435080	3774380	0.123778314	0.017861721	0.14164
4351003774380	435100	3774380	0.128832862	0.01885779	0.147691
4351203774380	435120	3774380	0.134258342	0.019932484	0.154191
4351403774380	435140	3774380	0.139987891	0.020360437	0.160348
4349803774400	434980	3774400	0.102267432	0.013217799	0.115485
4350003774400	435000	3774400	0.105294589	0.013776701	0.119071
4350203774400	435020	3774400	0.109903381	0.014455171	0.124359
4350403774400	435040	3774400	0.113972491	0.015137816	0.12911
4350603774400	435060	3774400	0.1185383	0.015882577	0.134421
4350803774400	435080	3774400	0.123256144	0.016670284	0.139926
4351003774400	435100	3774400	0.128320243	0.016991863	0.145312
4351203774400	435120	3774400	0.134039444	0.017859939	0.151899
4351403774400	435140	3774400	0.139195879	0.018623427	0.157819
4349803774420	434980	3774420	0.102237185	0.012583871	0.114821
4350003774420	435000	3774420	0.105144147	0.013078971	0.118223
4350203774420	435020	3774420	0.109706771	0.01368077	0.123388
4350403774420	435040	3774420	0.114122138	0.014301724	0.128424
4350603774420	435060	3774420	0.118696703	0.014956151	0.133653
4350803774420	435080	3774420	0.122787304	0.015120545	0.137908
4351003774420	435100	3774420	0.128051198	0.015820344	0.143872
4351203774420	435120	3774420	0.133645428	0.016539126	0.150185
4351403774420	435140	3774420	0.139408409	0.017266976	0.156675
4356003773820	435600	3773820	1.294468105	0.772528585	2.066997
4356203773820	435620	3773820	1.637504743	0.663196244	2.300701
4356403773820	435640	3773820	1.10743312	0.581742601	1.689176
4356603773820	435660	3773820	0.844162021	0.517297534	1.36146
4356803773820	435680	3773820	0.685766821	0.465011588	1.150778
4357003773820	435700	3773820	0.581887505	0.421422718	1.00331
4357203773820	435720	3773820	0.504994699	0.384414025	0.889409
4357403773820	435740	3773820	0.446588802	0.352732241	0.799321
4356003773840	435600	3773840	1.794112943	0.768708877	2.562822
4356203773840	435620	3773840	1.576563613	0.678716144	2.25528
4356403773840	435640	3773840	1.081571347	0.590244686	1.671816

Claremont McKenna Health Risk Assessment

Health Risk Assessment Results Sum School Risk max 0.91
Non-dorm or scho 2.56
Sensitive Receptors MAX: 2.56

Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4349803774260	434980	3774260	0.123066134
4350003774260	435000	3774260	0.12788232
4350203774260	435020	3774260	0.133534771
4349803774280	434980	3774280	0.121670538
4350003774280	435000	3774280	0.126208838
4350203774280	435020	3774280	0.131674735
4349803774300	434980	3774300	0.120550562
4350003774300	435000	3774300	0.124875247
4350203774300	435020	3774300	0.130103615
4349803774320	434980	3774320	0.119422042
4350003774320	435000	3774320	0.123963091
4350203774320	435020	3774320	0.128915574
4349803774340	434980	3774340	0.118394823
4350003774340	435000	3774340	0.122027842
4350203774340	435020	3774340	0.127340845
4348603774280	434860	3774280	0.098858344
4348803774280	434880	3774280	0.102021318
4349003774280	434900	3774280	0.105567781
4349203774280	434920	3774280	0.109395603
4348603774300	434860	3774300	0.097896676
4348803774300	434880	3774300	0.101207095
4349003774300	434900	3774300	0.104719602
4349203774300	434920	3774300	0.108476
4348603774320	434860	3774320	0.097273546
4348803774320	434880	3774320	0.100557022
4349003774320	434900	3774320	0.103987113
4349203774320	434920	3774320	0.107568743
4347803774340	434780	3774340	0.085706199
4348003774340	434800	3774340	0.088219765
4348203774340	434820	3774340	0.09080731
4348403774340	434840	3774340	0.093672786
4348603774340	434860	3774340	0.096714223
4348803774340	434880	3774340	0.099946305
4349003774340	434900	3774340	0.103199652
4349203774340	434920	3774340	0.106752648
4349403774340	434940	3774340	0.110472666
4349603774340	434960	3774340	0.114322075
4347803774360	434780	3774360	0.085126211
4348003774360	434800	3774360	0.087661689
4348203774360	434820	3774360	0.090260565
4348403774360	434840	3774360	0.093087475
4348603774360	434860	3774360	0.096001744
4348803774360	434880	3774360	0.099200388
4349003774360	434900	3774360	0.102391185
4349203774360	434920	3774360	0.105845442
4349403774360	434940	3774360	0.109547217
4349603774360	434960	3774360	0.113416564
4347803774380	434780	3774380	0.084574169
4348003774380	434800	3774380	0.087111102
4348203774380	434820	3774380	0.089727562
4348403774380	434840	3774380	0.092555041
4348603774380	434860	3774380	0.095376175
4348803774380	434880	3774380	0.098570974
4349003774380	434900	3774380	0.101687499
4349203774380	434920	3774380	0.105004674
4349403774380	434940	3774380	0.108644233
4349603774380	434960	3774380	0.112469912
4347803774400	434780	3774400	0.084066626
4348003774400	434800	3774400	0.086500548
4348203774400	434820	3774400	0.089128625
4348403774400	434840	3774400	0.091942972
4348603774400	434860	3774400	0.094843553
4348803774400	434880	3774400	0.097992473
4349003774400	434900	3774400	0.100965122
4349203774400	434920	3774400	0.104284019
4349403774400	434940	3774400	0.107759541
4349603774400	434960	3774400	0.111532641
4347803774420	434780	3774420	0.083540128
4348003774420	434800	3774420	0.085998924
4348203774420	434820	3774420	0.088556729
4348403774420	434840	3774420	0.091312707
4348603774420	434860	3774420	0.094222065
4348803774420	434880	3774420	0.097420598
4349003774420	434900	3774420	0.100349048
4349203774420	434920	3774420	0.103554265
4349403774420	434940	3774420	0.106990204
4349603774420	434960	3774420	0.11073061
4347803774440	434780	3774440	0.08301412
4348003774440	434800	3774440	0.085472777
4348203774440	434820	3774440	0.08797414
4348403774440	434840	3774440	0.090602163
4348603774440	434860	3774440	0.093356079
4348803774440	434880	3774440	0.096406038
4349003774440	434900	3774440	0.099677608
4349203774440	434920	3774440	0.102850427
4349403774440	434940	3774440	0.106268455
4349603774440	434960	3774440	0.109815277
4349803774340	434980	3774340	0.118394823
4350003774340	435000	3774340	0.122027842
4350203774340	435020	3774340	0.127340845
4349803774360	434980	3774360	0.117308348
4350003774360	435000	3774360	0.120776973
4350203774360	435020	3774360	0.126260518
4350403774360	435040	3774360	0.131368106
4350603774360	435060	3774360	0.136753768
4349803774380	434980	3774380	0.11632543
4350003774380	435000	3774380	0.1197673
4350203774380	435020	3774380	0.125158479
4350403774380	435040	3774380	0.130246756
4350603774380	435060	3774380	0.135723581
4350803774380	435080	3774380	0.141640036
4351003774380	435100	3774380	0.147690653
4351203774380	435120	3774380	0.154190826
4351403774380	435140	3774380	0.160348328
4349803774400	434980	3774400	0.115485231
4350003774400	435000	3774400	0.11907129
4350203774400	435020	3774400	0.124358553
4350403774400	435040	3774400	0.129110308
4350603774400	435060	3774400	0.134420877
4350803774400	435080	3774400	0.139926428
4351003774400	435100	3774400	0.145312107
4351203774400	435120	3774400	0.151899384
4351403774400	435140	3774400	0.157819306
4349803774420	434980	3774420	0.114821056
4350003774420	435000	3774420	0.118223118
4350203774420	435020	3774420	0.123387541
4350403774420	435040	3774420	0.128423862
4350603774420	435060	3774420	0.133652854
4350803774420	435080	3774420	0.13790785
4351003774420	435100	3774420	0.143871542
4351203774420	435120	3774420	0.150184555
4351403774420	435140	3774420	0.156675385
4356003773820	435600	3773820	2.06699669
4356203773820	435620	3773820	2.300700987
4356403773820	435640	3773820	1.689175721
4356603773820	435660	3773820	1.361459555
4356803773820	435680	3773820	1.150778409
4357003773820	435700	3773820	1.003310223
4357203773820	435720	3773820	0.889408724
4357403773820	435740	3773820	0.799321043
4356003773840	435600	3773840	2.56282182 MAX HERE MAX HERE
4356203773840	435620	3773840	2.255279757
4356403773840	435640	3773840	1.671816033

FOR CHRONIC CALCS

MAX: 0.0800

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0.007822644	0.018957844	0.002567992	0	0	0	0
0.008387809	0.020309148	0.002726907	0	0	0	0
0.009032395	0.021851065	0.002909108	0	0	0	0
0.007413409	0.017988958	0.002456205	0	0	0	0
0.007917575	0.019195513	0.00259887	0	0	0	0
0.008487732	0.020561501	0.002762216	0	0	0	0
0.00702961	0.01708114	0.002352691	0	0	0	0
0.007467046	0.018129756	0.002478218	0	0	0	0
0.007967194	0.019329982	0.002623481	0	0	0	0
0.006665312	0.016219152	0.002254241	0	0	0	0
0.007056392	0.017159696	0.002369962	0	0	0	0
0.007492262	0.018207469	0.002498268	0	0	0	0
0.006317088	0.015395426	0.002160588	0	0	0	0
0.006644965	0.01618319	0.002255995	0	0	0	0
0.007043508	0.017144784	0.002377555	0	0	0	0
0.00529378	0.012899488	0.001833737	0	0	0	0
0.005568501	0.013560053	0.0019157	0	0	0	0
0.005868505	0.01428183	0.002005718	0	0	0	0
0.006196895	0.015071656	0.002103944	0	0	0	0
0.005097492	0.012433479	0.001776342	0	0	0	0
0.005351087	0.013045017	0.001854002	0	0	0	0
0.005627323	0.01371073	0.001938044	0	0	0	0
0.005928663	0.014436602	0.002029279	0	0	0	0
0.004908946	0.011987202	0.001723256	0	0	0	0
0.005143362	0.012553504	0.001796089	0	0	0	0
0.005397627	0.013167162	0.001874308	0	0	0	0
0.005674199	0.013833983	0.001958485	0	0	0	0
0.004001617	0.009800518	0.001443057	0	0	0	0
0.004165143	0.010196575	0.001494917	0	0	0	0
0.004339987	0.010619589	0.001549845	0	0	0	0
0.004527318	0.011073238	0.001609207	0	0	0	0
0.004728601	0.011560502	0.001672785	0	0	0	0
0.004945311	0.012084921	0.001741007	0	0	0	0
0.005179233	0.012649927	0.001813282	0	0	0	0
0.005432529	0.013261866	0.001891672	0	0	0	0
0.005707642	0.013925885	0.001975956	0	0	0	0
0.006001453	0.014634479	0.002065226	0	0	0	0
0.003879287	0.00951019	0.001406956	0	0	0	0
0.004032327	0.009881678	0.001456378	0	0	0	0
0.004195372	0.01027699	0.001508424	0	0	0	0
0.004369588	0.010699611	0.001564418	0	0	0	0
0.004556269	0.011151955	0.001623679	0	0	0	0
0.004756423	0.011637276	0.001687672	0	0	0	0
0.004969359	0.012152636	0.001754453	0	0	0	0
0.00519806	0.01270627	0.001826392	0	0	0	0
0.005444489	0.013302733	0.001903689	0	0	0	0
0.005709294	0.013943184	0.001986054	0	0	0	0
0.003761222	0.009230015	0.001372304	0	0	0	0
0.003904265	0.009577993	0.001419276	0	0	0	0
0.004056331	0.009947559	0.001468754	0	0	0	0
0.004218255	0.010341269	0.001521689	0	0	0	0
0.0043887	0.010754999	0.001576537	0	0	0	0
0.004573284	0.011203676	0.001636723	0	0	0	0
0.004764906	0.011668561	0.001697934	0	0	0	0
0.004971792	0.012170264	0.001763808	0	0	0	0
0.00519527	0.012712454	0.001835206	0	0	0	0
0.00543483	0.013293323	0.001911243	0	0	0	0
0.00364644	0.00895776	0.00133888	0	0	0	0
0.003778163	0.009278644	0.001382548	0	0	0	0
0.00391843	0.009620507	0.001429226	0	0	0	0
0.004067896	0.009984854	0.001479062	0	0	0	0
0.004225895	0.010369665	0.001531295	0	0	0	0
0.004395723	0.010783425	0.001587624	0	0	0	0
0.004570283	0.011207525	0.001643933	0	0	0	0
0.004758978	0.011666443	0.00170536	0	0	0	0
0.004960639	0.012156571	0.001770602	0	0	0	0
0.00517692	0.012682443	0.001840725	0	0	0	0
0.003531328	0.008684639	0.001305551	0	0	0	0
0.003654531	0.008985595	0.00134723	0	0	0	0
0.003784793	0.009303604	0.001391111	0	0	0	0
0.003922944	0.009641071	0.001437863	0	0	0	0
0.004069307	0.009998551	0.001487308	0	0	0	0
0.004227177	0.010384405	0.001541017	0	0	0	0
0.004386982	0.010773595	0.001593502	0	0	0	0
0.004557963	0.011190332	0.001649982	0	0	0	0
0.004741099	0.011636705	0.001710532	0	0	0	0
0.004937054	0.012114614	0.001775573	0	0	0	0
0.003420805	0.008422312	0.00127352	0	0	0	0
0.003535977	0.008704377	0.00131324	0	0	0	0
0.003656399	0.008998984	0.001354401	0	0	0	0
0.003782899	0.009308466	0.00139758	0	0	0	0
0.003916133	0.009634359	0.001442949	0	0	0	0
0.004059071	0.009984419	0.001492184	0	0	0	0
0.004211049	0.010356747	0.001544675	0	0	0	0
0.004367768	0.010739786	0.001597579	0	0	0	0
0.004533857	0.01114598	0.001653848	0	0	0	0
0.004709303	0.011574768	0.001712905	0	0	0	0
0.006317088	0.015395426	0.002160588	0	0	0	0
0.006644965	0.01618319	0.002255995	0	0	0	0
0.007043508	0.017144784	0.002377555	0	0	0	0
0.00599131	0.014624228	0.00207236	0	0	0	0
0.006281144	0.01532176	0.002157738	0	0	0	0
0.006639718	0.016190099	0.002270667	0	0	0	0
0.007012015	0.017089033	0.002384216	0	0	0	0
0.007418762	0.018070269	0.002507132	0	0	0	0
0.00568898	0.013908653	0.001990658	0	0	0	0
0.005948164	0.01453396	0.002068581	0	0	0	0
0.006265753	0.015305472	0.002171165	0	0	0	0
0.006595108	0.016103302	0.002274372	0	0	0	0
0.006953354	0.016970854	0.002386206	0	0	0	0
0.007344264	0.017917244	0.002507777	0	0	0	0
0.007761741	0.018926743	0.002635904	0	0	0	0
0.008212704	0.020017059	0.002773792	0	0	0	0
0.008391073	0.020464565	0.002845403	0	0	0	0
0.005408465	0.013245032	0.001915286	0	0	0	0
0.005642753	0.013812428	0.001988029	0	0	0	0
0.00592493	0.014500167	0.002081513	0	0	0	0
0.006210323	0.015193059	0.002172371	0	0	0	0
0.006521676	0.015949551	0.002272075	0	0	0	0
0.006851571	0.016750552	0.002376775	0	0	0	0
0.006984781	0.01708832	0.002434375	0	0	0	0
0.007348235	0.017973168	0.002552159	0	0	0	0
0.007669492	0.018755745	0.002655654	0	0	0	0
0.005148128	0.012629672	0.001845944	0	0	0	0
0.005355844	0.013133729	0.001911332	0	0	0	0
0.005606048	0.0137457	0.001996442	0	0	0	0
0.005865087	0.014377883	0.002082566	0	0	0	0
0.006138571	0.015044924	0.002172772	0	0	0	0
0.006206913	0.015224983	0.002208929	0	0	0	0
0.006499494	0.015940278	0.002307021	0	0	0	0
0.006800473	0.016676921	0.00240843	0	0	0	0
0.007105734	0.017424447	0.00251136	0	0	0	0
0.320771812	0.763913251	0.088727889	0	0	0	0
0.274889287	0.657040413	0.078762722	0	0	0	0
0.240657114	0.573739358	0.067794703	0	0	0	0
0.213620781	0.508653493	0.059805174	0	0	0	0
0.19171993	0.456179381	0.053559032	0	0	0	0
0.173487737	0.41262224	0.048468817	0	0	0	0
0.158026746	0.375736355	0.044190365	0	0	0	0
0.144808754	0.344234932	0.040553989	0	0	0	0
0.319713355	0.76367814	0.090362963	0	0	0	0
0.282005027	0.673579791	0.079867836	0	0	0	0
0.244756675	0.583310064	0.068349376	0	0	0	0

Health Risk Assessment Resul	School Risk max		0.57	0.34	0.91
	Non-dorm or sc		0.67	0.23	0.89
		MAX:	1.10	0.80	1.90
Unique Identifier	X (UTM)	Y (UTM)	Onroad	Offroad	Total Risk
4356603773840	435660	3773840	0.83035236	0.520255505	1.350608
4356803773840	435680	3773840	0.678988951	0.464620766	1.14361
4357003773840	435700	3773840	0.57596055	0.419253908	0.995214
4357203773840	435720	3773840	0.500971756	0.381509048	0.882481
4357403773840	435740	3773840	0.44407506	0.349456127	0.793531
4356003773860	435600	3773860	1.223567525	0.764138543	1.987706
4356203773860	435620	3773860	1.593108302	0.669287498	2.262396
4356403773860	435640	3773860	1.088242554	0.580330759	1.668573
4356603773860	435660	3773860	0.833530755	0.511359809	1.344891
4356803773860	435680	3773860	0.678992135	0.456923776	1.135916
4357003773860	435700	3773860	0.575066651	0.412413604	0.98748
4357203773860	435720	3773860	0.499546931	0.375573081	0.87512
4357403773860	435740	3773860	0.442183783	0.344388823	0.786573
4356003773880	435600	3773880	1.193055568	0.758967525	1.952023
4356203773880	435620	3773880	1.606011329	0.659670602	2.265682
4356403773880	435640	3773880	1.091853968	0.571240342	1.663094
4356603773880	435660	3773880	0.83322589	0.504262661	1.337489
4356803773880	435680	3773880	0.677769491	0.45073512	1.128505
4357003773880	435700	3773880	0.57190736	0.406502477	0.97841
4357203773880	435720	3773880	0.497222635	0.369813636	0.867036
4357403773880	435740	3773880	0.441485698	0.339423367	0.780909
4356003773900	435600	3773900	1.191325082	0.753064245	1.944389
4356203773900	435620	3773900	1.610349484	0.650838849	2.261188
4356403773900	435640	3773900	1.091251403	0.562709693	1.653961
4356603773900	435660	3773900	0.831247851	0.496322679	1.327571
4356803773900	435680	3773900	0.675106103	0.443513259	1.118619
4357003773900	435700	3773900	0.571446481	0.399866385	0.971313
4357203773900	435720	3773900	0.496735488	0.363776709	0.860512
4357403773900	435740	3773900	0.439241798	0.333903641	0.773145
4356003773920	435600	3773920	1.219424387	0.745993362	1.965418
4356203773920	435620	3773920	1.612078378	0.641229153	2.253308
4356403773920	435640	3773920	1.090339196	0.55353695	1.643876
4356603773920	435660	3773920	0.829980632	0.487707219	1.317688
4356803773920	435680	3773920	0.673555511	0.435513624	1.109069
4357003773920	435700	3773920	0.569485953	0.392643063	0.962129
4357203773920	435720	3773920	0.494532183	0.357369451	0.851902
4357403773920	435740	3773920	0.437109336	0.328109084	0.765218
4356003773940	435600	3773940	1.279169143	0.738337949	2.017507
4356203773940	435620	3773940	1.609463545	0.630816181	2.24028
4356403773940	435640	3773940	1.088112807	0.543520553	1.631633
4356603773940	435660	3773940	0.828796196	0.478537855	1.307334
4356803773940	435680	3773940	0.672909961	0.427058415	1.099968
4357003773940	435700	3773940	0.568980498	0.384977011	0.953958
4357203773940	435720	3773940	0.493019798	0.350405987	0.843426
4357403773940	435740	3773940	0.436767855	0.321844361	0.758612
4356003773960	435600	3773960	1.779204017	0.729714041	2.508918
4356203773960	435620	3773960	1.607269792	0.619181547	2.226451
4356403773960	435640	3773960	1.085831495	0.532639548	1.618471
4356603773960	435660	3773960	0.827508281	0.468493024	1.296001
4356803773960	435680	3773960	0.671731097	0.417807574	1.089539
4357003773960	435700	3773960	0.567525425	0.376704326	0.94423
4357203773960	435720	3773960	0.492288282	0.343180385	0.835469
4357403773960	435740	3773960	0.434893294	0.315332603	0.750226
4356003773980	435600	3773980	1.217294313	0.719220442	1.936515
4356203773980	435620	3773980	1.60255354	0.605570782	2.208124
4356403773980	435640	3773980	1.084373238	0.520754549	1.605128
4356603773980	435660	3773980	0.826483044	0.457119123	1.283602
4356803773980	435680	3773980	0.671131716	0.407379899	1.078512
4357003773980	435700	3773980	0.566808237	0.36762826	0.934436
4357203773980	435720	3773980	0.491382443	0.335186475	0.826569
4357403773980	435740	3773980	0.434648129	0.308220059	0.742868
4356003774000	435600	3774000	1.187074485	0.7077689	1.894843
4356203774000	435620	3774000	1.5940619	0.591358969	2.185421
4356403774000	435640	3774000	1.080904305	0.507710578	1.588615
4356603774000	435660	3774000	0.824907776	0.445385894	1.270294
4356803774000	435680	3774000	0.670502086	0.396858404	1.06736
4357003774000	435700	3774000	0.566233531	0.358178077	0.924412
4357203774000	435720	3774000	0.491165138	0.32669214	0.817857
4357403774000	435740	3774000	0.433215344	0.30079655	0.734012
4357603774000	435760	3774000	0.388381107	0.278416917	0.666798
4356003774020	435600	3774020	1.187365818	0.694511428	1.881877
4356203774020	435620	3774020	1.597113732	0.583656852	2.180771
4356403774020	435640	3774020	1.081495727	0.499204567	1.5807
4356603774020	435660	3774020	0.823101671	0.43647304	1.259575
4356803774020	435680	3774020	0.667350755	0.388411906	1.055763
4357003774020	435700	3774020	0.564475981	0.349798486	0.914274
4357203774020	435720	3774020	0.489607382	0.318452885	0.80806
4357403774020	435740	3774020	0.432723421	0.292864831	0.725588
4357603774020	435760	3774020	0.387850976	0.271554303	0.659405
4357803774020	435780	3774020	0.351354753	0.253031943	0.604387
4358003774020	435800	3774020	0.321181092	0.236915563	0.558097
4358203774020	435820	3774020	0.296511715	0.222670434	0.519182
4356003774040	435600	3774040	1.214989121	0.678192704	1.893182
4356203774040	435620	3774040	1.596724492	0.566226681	2.162951
4356403774040	435640	3774040	1.080322435	0.4837677	1.56409
4356603774040	435660	3774040	0.821805	0.422924262	1.244729
4356803774040	435680	3774040	0.665745239	0.376406924	1.042152
4357003774040	435700	3774040	0.562941309	0.339180339	0.902122
4357203774040	435720	3774040	0.489084415	0.30900681	0.798091
4357403774040	435740	3774040	0.431738779	0.284362394	0.716101
4357603774040	435760	3774040	0.38706374	0.263770774	0.650835
4357803774040	435780	3774040	0.350841338	0.245969453	0.596811
4358003774040	435800	3774040	0.320900903	0.230494689	0.551396
4358203774040	435820	3774040	0.295757911	0.216878644	0.512637
4356003774060	435600	3774060	1.273735703	0.660403068	1.934139
4356203774060	435620	3774060	1.593492766	0.546460895	2.139954
4356403774060	435640	3774060	1.080326415	0.466357383	1.546684
4356603774060	435660	3774060	0.821642618	0.407733557	1.229376
4356803774060	435680	3774060	0.666238754	0.362934843	1.029174
4357003774060	435700	3774060	0.562854545	0.327515698	0.89037
4357203774060	435720	3774060	0.488288423	0.298792602	0.787081
4357403774060	435740	3774060	0.431617788	0.275254395	0.706872
4357603774060	435760	3774060	0.386778775	0.255472768	0.642252
4357803774060	435780	3774060	0.350499062	0.238497729	0.588997
4358003774060	435800	3774060	0.320443208	0.223733222	0.544176
4358203774060	435820	3774060	0.295958501	0.210734413	0.506693
4358403774060	435840	3774060	0.274432495	0.198994467	0.473427
4356003774080	435600	3774080	1.771326882	0.640422753	2.41175
4356203774080	435620	3774080	1.591141406	0.525747659	2.116889
4356403774080	435640	3774080	1.078861791	0.44733181	1.526194
4356603774080	435660	3774080	0.821348101	0.390925707	1.212274
4356803774080	435680	3774080	0.665914786	0.348358849	1.014274
4357003774080	435700	3774080	0.56259346	0.315056397	0.87765
4357203774080	435720	3774080	0.488017786	0.287899333	0.775917
4357403774080	435740	3774080	0.430967463	0.265574744	0.696542
4357603774080	435760	3774080	0.386192925	0.246776796	0.63297
4357803774080	435780	3774080	0.350019875	0.230629778	0.58065
4358003774080	435800	3774080	0.320534747	0.216598412	0.537133
4358203774080	435820	3774080	0.295193553	0.204219664	0.499413
4358403774080	435840	3774080	0.274199269	0.193149082	0.467348
4356003774100	435600	3774100	1.214594309	0.613230802	1.827825
4356203774100	435620	3774100	1.588316431	0.500409789	2.088726
4356403774100	435640	3774100	1.077143244	0.425776956	1.50292
4356603774100	435660	3774100	0.820931001	0.372493893	1.193425
4356803774100	435680	3774100	0.665803347	0.332419196	0.998223
4357003774100	435700	3774100	0.56184284	0.301513748	0.863357
4357203774100	435720	3774100	0.487532231	0.276210638	0.763743
4357403774100	435740	3774100	0.430936419	0.255232789	0.686169
4357603774100	435760	3774100	0.38577503	0.237580676	0.623356
4357803774100	435780	3774100	0.34947064	0.222348874	0.57182
4358003774100	435800	3774100	0.319833478	0.209030571	0.528864
4358203774100	435820	3774100	0.294550391	0.197301653	0.491852
4358403774100	435840	3774100	0.273728838	0.186842719	0.460572
4356003774120	435600	3774120	1.184087128	0.579213291	1.7633
4356203774120	435620	3774120	1.582106103	0.471956882	2.054063

Health Risk Assessment Results Sum	School Risk max		0.91
	Non-dorm or scho		2.56
Sensitive Receptors		MAX:	2.56
Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4356603773840	435660	3773840	1.350607865
4356803773840	435680	3773840	1.143609716
4357003773840	435700	3773840	0.995214458
4357203773840	435720	3773840	0.882480804
4357403773840	435740	3773840	0.793531186
4356003773860	435600	3773860	1.987706067
4356203773860	435620	3773860	2.2623958
4356403773860	435640	3773860	1.668573313
4356603773860	435660	3773860	1.344890564
4356803773860	435680	3773860	1.135915911
4357003773860	435700	3773860	0.987480255
4357203773860	435720	3773860	0.875120012
4357403773860	435740	3773860	0.786572606
4356003773880	435600	3773880	1.952023092
4356203773880	435620	3773880	2.26568193
4356403773880	435640	3773880	1.66309431
4356603773880	435660	3773880	1.337488552
4356803773880	435680	3773880	1.128504611
4357003773880	435700	3773880	0.978409837
4357203773880	435720	3773880	0.867036271
4357403773880	435740	3773880	0.780909065
4356003773900	435600	3773900	1.944389327
4356203773900	435620	3773900	2.261188332
4356403773900	435640	3773900	1.653961095
4356603773900	435660	3773900	1.327570529
4356803773900	435680	3773900	1.118619361
4357003773900	435700	3773900	0.971312865
4357203773900	435720	3773900	0.860512197
4357403773900	435740	3773900	0.773145439
4356003773920	435600	3773920	1.96541775
4356203773920	435620	3773920	2.253307531
4356403773920	435640	3773920	1.643876146
4356603773920	435660	3773920	1.317687851
4356803773920	435680	3773920	1.109069135
4357003773920	435700	3773920	0.962129016
4357203773920	435720	3773920	0.851901634
4357403773920	435740	3773920	0.765218419
4356003773940	435600	3773940	2.017507092
4356203773940	435620	3773940	2.240279725
4356403773940	435640	3773940	1.63163336
4356603773940	435660	3773940	1.307334051
4356803773940	435680	3773940	1.099968376
4357003773940	435700	3773940	0.953957509
4357203773940	435720	3773940	0.843425785
4357403773940	435740	3773940	0.758612216
4356003773960	435600	3773960	2.508918057
4356203773960	435620	3773960	2.226451339
4356403773960	435640	3773960	1.618471043
4356603773960	435660	3773960	1.296001306
4356803773960	435680	3773960	1.089538672
4357003773960	435700	3773960	0.944229751
4357203773960	435720	3773960	0.835468667
4357403773960	435740	3773960	0.750225897
4356003773980	435600	3773980	1.936514756
4356203773980	435620	3773980	2.208124323
4356403773980	435640	3773980	1.605127787
4356603773980	435660	3773980	1.283602167
4356803773980	435680	3773980	1.078511615
4357003773980	435700	3773980	0.934436497
4357203773980	435720	3773980	0.826568918
4357403773980	435740	3773980	0.742868188
4356003774000	435600	3774000	1.894843386
4356203774000	435620	3774000	2.185420869
4356403774000	435640	3774000	1.588614884
4356603774000	435660	3774000	1.27029367
4356803774000	435680	3774000	1.06736049
4357003774000	435700	3774000	0.924411608
4357203774000	435720	3774000	0.817857278
4357403774000	435740	3774000	0.734011894
4357603774000	435760	3774000	0.666798024
4356003774020	435600	3774020	1.881877246
4356203774020	435620	3774020	2.180770585
4356403774020	435640	3774020	1.580700295
4356603774020	435660	3774020	1.259574711
4356803774020	435680	3774020	1.055762661
4357003774020	435700	3774020	0.914274467
4357203774020	435720	3774020	0.808060266
4357403774020	435740	3774020	0.725588252
4357603774020	435760	3774020	0.659405279
4357803774020	435780	3774020	0.604386696
4358003774020	435800	3774020	0.558096655
4358203774020	435820	3774020	0.519182149
4356003774040	435600	3774040	1.893181825
4356203774040	435620	3774040	2.162951173
4356403774040	435640	3774040	1.564090136
4356603774040	435660	3774040	1.244729262
4356803774040	435680	3774040	1.042152164
4357003774040	435700	3774040	0.902121647
4357203774040	435720	3774040	0.798091225
4357403774040	435740	3774040	0.716101173
4357603774040	435760	3774040	0.650834514
4357803774040	435780	3774040	0.596810791
4358003774040	435800	3774040	0.551395592
4358203774040	435820	3774040	0.512636555
4356003774060	435600	3774060	1.93413877
4356203774060	435620	3774060	2.139953661
4356403774060	435640	3774060	1.546683799
4356603774060	435660	3774060	1.229376174
4356803774060	435680	3774060	1.029173597
4357003774060	435700	3774060	0.890370243
4357203774060	435720	3774060	0.787081025
4357403774060	435740	3774060	0.706872183
4357603774060	435760	3774060	0.642251543
4357803774060	435780	3774060	0.58899679
4358003774060	435800	3774060	0.54417643
4358203774060	435820	3774060	0.506692913
4358403774060	435840	3774060	0.473426962
4356003774080	435600	3774080	2.411749635
4356203774080	435620	3774080	2.116889065
4356403774080	435640	3774080	1.5261936
4356603774080	435660	3774080	1.212273808
4356803774080	435680	3774080	1.014273635
4357003774080	435700	3774080	0.877649857
4357203774080	435720	3774080	0.775917119
4357403774080	435740	3774080	0.696542207
4357603774080	435760	3774080	0.632769722
4357803774080	435780	3774080	0.580649653
4358003774080	435800	3774080	0.537133159
4358203774080	435820	3774080	0.499413217
4358403774080	435840	3774080	0.467348352
4356003774100	435600	3774100	1.827825111
4356203774100	435620	3774100	2.08872622
4356403774100	435640	3774100	1.502920201
4356603774100	435660	3774100	1.193424895
4356803774100	435680	3774100	0.998222543
4357003774100	435700	3774100	0.863356588
4357203774100	435720	3774100	0.763742869
4357403774100	435740	3774100	0.686169208
4357603774100	435760	3774100	0.623355706
4357803774100	435780	3774100	0.571819514
4358003774100	435800	3774100	0.528864049
4358203774100	435820	3774100	0.491852044
4358403774100	435840	3774100	0.460571558
4356003774120	435600	3774120	1.763300419
4356203774120	435620	3774120	2.054062985

FOR CHRONIC CALCS

MAX: 0.0800

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0.215316764	0.512598773	0.059862693	0	0	0	0
0.191947021	0.456685298	0.053322322	0	0	0	0
0.172917533	0.411247863	0.048070148	0	0	0	0
0.157108066	0.373547102	0.043739412	0	0	0	0
0.143698605	0.341600047	0.04008582	0	0	0	0
0.31819063	0.75749187	0.087126109	0	0	0	0
0.278431616	0.665210213	0.078787762	0	0	0	0
0.240933759	0.574306078	0.067192682	0	0	0	0
0.211893782	0.50452406	0.058808988	0	0	0	0
0.189005814	0.449734705	0.052389495	0	0	0	0
0.170313278	0.405089481	0.047233036	0	0	0	0
0.154865069	0.368240029	0.043002883	0	0	0	0
0.141805233	0.337117088	0.039445001	0	0	0	0
0.316445435	0.753229267	0.086263738	0	0	0	0
0.274756143	0.656582927	0.077681043	0	0	0	0
0.237451153	0.566092429	0.066111113	0	0	0	0
0.20923943	0.498249961	0.057923178	0	0	0	0
0.186715953	0.444317804	0.051602322	0	0	0	0
0.168114016	0.399877896	0.046477221	0	0	0	0
0.152701314	0.363116141	0.042278701	0	0	0	0
0.139961672	0.332757252	0.038817351	0	0	0	0
0.314358635	0.748289931	0.08546924	0	0	0	0
0.271391656	0.648651711	0.076625999	0	0	0	0
0.234190688	0.558384626	0.065074795	0	0	0	0
0.206207008	0.491074827	0.056951221	0	0	0	0
0.183967557	0.437810764	0.050710239	0	0	0	0
0.165592763	0.393917629	0.045664731	0	0	0	0
0.15041367	0.357707813	0.041536747	0	0	0	0
0.137872845	0.327810799	0.038129611	0	0	0	0
0.31174379	0.742238025	0.084703074	0	0	0	0
0.267668336	0.639860672	0.07549077	0	0	0	0
0.230634116	0.549975664	0.063980633	0	0	0	0
0.202867449	0.483177095	0.055921277	0	0	0	0
0.180869609	0.430482719	0.049750995	0	0	0	0
0.162806742	0.387324863	0.044791276	0	0	0	0
0.147958447	0.351895683	0.040753106	0	0	0	0
0.135660751	0.322573545	0.037416756	0	0	0	0
0.308850457	0.735671537	0.084032871	0	0	0	0
0.263575819	0.630177452	0.074264702	0	0	0	0
0.226694598	0.54065577	0.062803776	0	0	0	0
0.199272648	0.474676556	0.054842939	0	0	0	0
0.177561762	0.422662747	0.048755732	0	0	0	0
0.159818426	0.380260636	0.043884718	0	0	0	0
0.145252315	0.345493743	0.039921354	0	0	0	0
0.133236727	0.316843589	0.036668639	0	0	0	0
0.305564459	0.730174109	0.085252505	0	0	0	0
0.258937602	0.619206552	0.072925714	0	0	0	0
0.22236441	0.530412402	0.061547281	0	0	0	0
0.195284221	0.465245337	0.053682923	0	0	0	0
0.173895813	0.413994097	0.047684402	0	0	0	0
0.156555404	0.372542924	0.042918402	0	0	0	0
0.142424631	0.338808095	0.039070384	0	0	0	0
0.130699573	0.310839332	0.035891518	0	0	0	0
0.301333166	0.717626171	0.081524498	0	0	0	0
0.253434158	0.606179524	0.071382167	0	0	0	0
0.217585455	0.519112249	0.060200274	0	0	0	0
0.190707451	0.454424949	0.052396924	0	0	0	0
0.169706805	0.404091993	0.046503981	0	0	0	0
0.152931968	0.363976834	0.041880575	0	0	0	0
0.139251511	0.331305327	0.038147351	0	0	0	0
0.127890963	0.304200963	0.035066623	0	0	0	0
0.296731389	0.70661427	0.080094663	0	0	0	0
0.247654863	0.592483486	0.0697681	0	0	0	0
0.21229347	0.506590596	0.058733239	0	0	0	0
0.185963073	0.443205979	0.051077645	0	0	0	0
0.165467465	0.394070807	0.045318154	0	0	0	0
0.149137233	0.355006581	0.040809993	0	0	0	0
0.135852072	0.323270849	0.037181578	0	0	0	0
0.124941392	0.297224095	0.034207976	0	0	0	0
0.115506519	0.274724424	0.031664274	0	0	0	0
0.291344754	0.693885996	0.078624318	0	0	0	0
0.244640235	0.585373215	0.06887859	0	0	0	0
0.20894265	0.498674682	0.057747357	0	0	0	0
0.182435415	0.434861291	0.050040582	0	0	0	0
0.162133754	0.38617835	0.044324876	0	0	0	0
0.145812536	0.347141746	0.039838121	0	0	0	0
0.132564447	0.315494531	0.036234595	0	0	0	0
0.121763729	0.289712469	0.033306284	0	0	0	0
0.112786729	0.268294664	0.030871191	0	0	0	0
0.104980884	0.2496825	0.028767475	0	0	0	0
0.098193165	0.233505033	0.02694244	0	0	0	0
0.092188721	0.219203549	0.025340424	0	0	0	0
0.284644032	0.678176263	0.076967772	0	0	0	0
0.237458894	0.568400639	0.066983795	0	0	0	0
0.202602548	0.483686549	0.056057071	0	0	0	0
0.17689384	0.421759663	0.048546107	0	0	0	0
0.157243468	0.374614435	0.042990247	0	0	0	0
0.141500467	0.336944584	0.038651554	0	0	0	0
0.12874021	0.306454792	0.035177835	0	0	0	0
0.118330594	0.281594882	0.032348938	0	0	0	0
0.109645754	0.260868399	0.02999452	0	0	0	0
0.102135192	0.242955286	0.02797111	0	0	0	0
0.095609801	0.227398803	0.026217668	0	0	0	0
0.089871209	0.21372343	0.024679017	0	0	0	0
0.27730869	0.661107972	0.075304736	0	0	0	0
0.229270484	0.549035282	0.064841307	0	0	0	0
0.195406991	0.466682159	0.054175653	0	0	0	0
0.170635496	0.406969323	0.046895426	0	0	0	0
0.151705378	0.361529162	0.041524068	0	0	0	0
0.136724785	0.325658387	0.037371572	0	0	0	0
0.124575114	0.296608305	0.034046686	0	0	0	0
0.114627717	0.272843763	0.031338274	0	0	0	0
0.106273685	0.252898294	0.02907231	0	0	0	0
0.099107713	0.235799252	0.027136627	0	0	0	0
0.092878545	0.220942273	0.025458287	0	0	0	0
0.087397903	0.207879467	0.023988124	0	0	0	0
0.082430072	0.196041947	0.022670569	0	0	0	0
0.269085258	0.643931411	0.075388818	0	0	0	0
0.220681348	0.528726929	0.062604284	0	0	0	0
0.187522561	0.448043178	0.052121992	0	0	0	0
0.163679089	0.390528736	0.045081906	0	0	0	0
0.145687184	0.347305609	0.039944941	0	0	0	0
0.131602682	0.313552744	0.036012506	0	0	0	0
0.120111712	0.286059249	0.032851975	0	0	0	0
0.110672807	0.263494642	0.030270078	0	0	0	0
0.102729118	0.244519183	0.028109108	0	0	0	0
0.095907428	0.228234224	0.026262518	0	0	0	0
0.089984725	0.214104067	0.024664535	0	0	0	0
0.084761859	0.201646547	0.023256856	0	0	0	0
0.080085079	0.190499245	0.022007979	0	0	0	0
0.257673267	0.614437662	0.069997509	0	0	0	0
0.210109985	0.503732067	0.059895222	0	0	0	0
0.17854726	0.426825119	0.049813039	0	0	0	0
0.15602167	0.372430974	0.043104908	0	0	0	0
0.139082609	0.331697294	0.038229017	0	0	0	0
0.126009857	0.30033248	0.034543829	0	0	0	0
0.115298443	0.274682417	0.031579232	0	0	0	0
0.10642583	0.253458126	0.029140846	0	0	0	0
0.098967517	0.235627942	0.02709697	0	0	0	0
0.092530902	0.220252388	0.025345812	0	0	0	0
0.086900646	0.206812649	0.023825147	0	0	0	0
0.081947956	0.194993868	0.022487278	0	0	0	0
0.077532841	0.184465709	0.021301543	0	0	0	0
0.243427324	0.580633543	0.066261685	0	0	0	0
0.198210335	0.475582867	0.056851392	0	0	0	0

Health Risk Assessment Resul	School Risk max	0.57	0.34	0.91
	Non-dorm or sc	0.67	0.23	0.89
	MAX:	1.10	0.80	1.90

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Offroad	Total Risk
4356403774120	435640	3774120	1.075793242	0.401851835	1.477645
4356603774120	435660	3774120	0.820462958	0.352224946	1.172688
4356803774120	435680	3774120	0.665063074	0.315116023	0.980179
4357003774120	435700	3774120	0.561151919	0.286618903	0.847771
4357203774120	435720	3774120	0.487596706	0.263738793	0.751335
4357403774120	435740	3774120	0.430709562	0.244218716	0.674928
4357603774120	435760	3774120	0.385591951	0.227729758	0.613322
4357803774120	435780	3774120	0.349578099	0.213481205	0.563059
4358003774120	435800	3774120	0.319830294	0.200998275	0.520829
4358203774120	435820	3774120	0.294670586	0.189967027	0.484638
4358403774120	435840	3774120	0.272985382	0.180111763	0.453097
4356003774140	435600	3774140	1.183230641	0.537639474	1.72087
4356203774140	435620	3774140	1.58034537	0.438721515	2.019067
4356403774140	435640	3774140	1.074509307	0.374139331	1.448649
4356603774140	435660	3774140	0.817585448	0.329375001	1.14696
4356803774140	435680	3774140	0.663171002	0.296071314	0.959242
4357003774140	435700	3774140	0.560800091	0.270737159	0.831537
4357203774140	435720	3774140	0.487396116	0.250469903	0.737866
4357403774140	435740	3774140	0.430687274	0.232544754	0.663232
4357603774140	435760	3774140	0.385852241	0.217284619	0.603137
4357803774140	435780	3774140	0.349465068	0.204074712	0.55354
4358003774140	435800	3774140	0.319479262	0.192484055	0.511963
4358203774140	435820	3774140	0.294204135	0.182206905	0.476411
4358403774140	435840	3774140	0.272736236	0.172914949	0.445651
4356003774160	435600	3774160	1.210956627	0.488600187	1.699557
4356203774160	435620	3774160	1.579115562	0.401452332	1.980568
4356403774160	435640	3774160	1.071067439	0.344551002	1.415618
4356603774160	435660	3774160	0.816039632	0.30594837	1.121988
4356803774160	435680	3774160	0.66238297	0.276665943	0.939049
4357003774160	435700	3774160	0.560526269	0.254237638	0.814764
4357203774160	435720	3774160	0.487356317	0.236382377	0.723739
4357403774160	435740	3774160	0.430522504	0.220148972	0.650671
4357603774160	435760	3774160	0.385743986	0.206248292	0.591992
4357803774160	435780	3774160	0.349330546	0.194159043	0.54349
4358003774160	435800	3774160	0.319339167	0.183521182	0.50286
4358203774160	435820	3774160	0.293827631	0.174034065	0.467862
4358403774160	435840	3774160	0.272502215	0.165335396	0.437838
4356003774180	435600	3774180	1.270250055	0.431390675	1.701641
4356203774180	435620	3774180	1.577273637	0.361271479	1.938545
4356403774180	435640	3774180	1.071783832	0.314739863	1.386524
4356603774180	435660	3774180	0.816151071	0.281832813	1.097984
4356803774180	435680	3774180	0.662265163	0.256718066	0.918983
4357003774180	435700	3774180	0.559911764	0.237058485	0.79697
4357203774180	435720	3774180	0.486826186	0.221281364	0.708108
4357403774180	435740	3774180	0.429862626	0.206878176	0.636741
4357603774180	435760	3774180	0.384990978	0.19445224	0.579443
4357803774180	435780	3774180	0.348863299	0.183533942	0.532397
4358003774180	435800	3774180	0.318709538	0.173869686	0.492579
4358203774180	435820	3774180	0.2933572	0.165243571	0.458601
4358403774180	435840	3774180	0.271650504	0.157287557	0.428938
4356003774200	435600	3774200	1.763679789	0.368009846	2.13169
4356203774200	435620	3774200	1.574920686	0.31845039	1.893371
4356403774200	435640	3774200	1.071959746	0.283381582	1.355341
4356603774200	435660	3774200	0.817321974	0.25687063	1.074193
4356803774200	435680	3774200	0.66294096	0.235878781	0.89882
4357003774200	435700	3774200	0.559053685	0.218764644	0.777818
4357203774200	435720	3774200	0.484025887	0.204348794	0.688375
4357403774200	435740	3774200	0.428502276	0.191982998	0.620485
4357603774200	435760	3774200	0.383857485	0.183508412	0.567366
4357803774200	435780	3774200	0.347673291	0.174073849	0.521747
4358003774200	435800	3774200	0.317923098	0.16570192	0.483625
4358203774200	435820	3774200	0.292987859	0.158191237	0.451179
4358403774200	435840	3774200	0.272703601	0.151363481	0.424067
4351703773020	435170	3773020	0.099494197	0.157174895	0.256669
4351903773020	435190	3773020	0.102031819	0.16458326	0.266615
4352103773020	435210	3773020	0.104458798	0.17169443	0.276153
4352303773020	435230	3773020	0.106585688	0.177981021	0.284567
4352503773020	435250	3773020	0.108562931	0.183776963	0.29234
4352703773020	435270	3773020	0.110437492	0.189174501	0.299612
4352903773020	435290	3773020	0.112156038	0.194021114	0.306177
4353103773020	435310	3773020	0.113744838	0.198362004	0.312107
4353303773020	435330	3773020	0.115160111	0.202077575	0.317238
4353503773020	435350	3773020	0.116366835	0.205061687	0.321429
4353703773020	435370	3773020	0.117489183	0.207641011	0.32513
4353903773020	435390	3773020	0.118256519	0.20909732	0.327354
4354103773020	435410	3773020	0.118789038	0.209757718	0.328547
4354303773020	435430	3773020	0.119118578	0.209719359	0.328838
4354503773020	435450	3773020	0.119439363	0.209510933	0.32895
4354703773020	435470	3773020	0.119475979	0.208435413	0.327911
4354903773020	435490	3773020	0.119319964	0.206763384	0.326083
4355103773020	435510	3773020	0.118763566	0.20392565	0.322689
4355303773020	435530	3773020	0.117836236	0.200046244	0.317882
4355503773020	435550	3773020	0.116198084	0.194379247	0.310577
4351703773040	435170	3773040	0.104813014	0.162909622	0.267723
4351903773040	435190	3773040	0.107563166	0.170607934	0.278171
4352103773040	435210	3773040	0.110119095	0.177793788	0.287913
4352303773040	435230	3773040	0.112523786	0.184521472	0.297045
4352503773040	435250	3773040	0.114794751	0.19080459	0.305599
4352703773040	435270	3773040	0.116943929	0.196643436	0.313587
4352903773040	435290	3773040	0.118930724	0.201922821	0.320854
4353103773040	435310	3773040	0.120720114	0.206534635	0.327255
4353303773040	435330	3773040	0.122423536	0.210745871	0.333169
4353503773040	435350	3773040	0.123790254	0.213917506	0.337708
4353703773040	435370	3773040	0.124926134	0.216309205	0.341235
4353903773040	435390	3773040	0.125910776	0.218128443	0.344039
4354103773040	435410	3773040	0.126529262	0.218829506	0.345359
4354303773040	435430	3773040	0.126807859	0.218496492	0.345304
4354503773040	435450	3773040	0.127080884	0.218005287	0.345086
4354703773040	435470	3773040	0.127103968	0.216760032	0.343864
4354903773040	435490	3773040	0.126888254	0.214827426	0.341716
4355103773040	435510	3773040	0.126277728	0.211808434	0.338086
4355303773040	435530	3773040	0.125430793	0.208164164	0.333595
4355503773040	435550	3773040	0.124250337	0.203659561	0.32791
4351703773060	435170	3773060	0.110634102	0.168954416	0.279589
4351903773060	435190	3773060	0.113655687	0.177014351	0.29067
4352103773060	435210	3773060	0.116505337	0.184610576	0.301116
4352303773060	435230	3773060	0.119265837	0.191895276	0.311161
4352503773060	435250	3773060	0.121853606	0.198649519	0.320503
4352703773060	435270	3773060	0.124286157	0.204888791	0.329175
4352903773060	435290	3773060	0.126545182	0.210544791	0.33709
4353103773060	435310	3773060	0.128555857	0.215422417	0.343978
4353303773060	435330	3773060	0.130472605	0.21987915	0.350352
4353503773060	435350	3773060	0.132049465	0.22331085	0.35536
4353703773060	435370	3773060	0.13329758	0.225734549	0.359032
4353903773060	435390	3773060	0.134398437	0.227602559	0.362001
4354103773060	435410	3773060	0.135104481	0.228313537	0.363418
4354303773060	435430	3773060	0.135387058	0.227823454	0.363211
4354503773060	435450	3773060	0.135658492	0.227150299	0.362809
4354703773060	435470	3773060	0.135636204	0.225648904	0.361285
4354903773060	435490	3773060	0.135310643	0.223327147	0.358638
4355103773060	435510	3773060	0.134664298	0.22017511	0.354839
4355303773060	435530	3773060	0.133720252	0.216288156	0.350008
4355503773060	435550	3773060	0.132427561	0.21157105	0.343999
4351703773080	435170	3773080	0.117084819	0.175446449	0.292531
4351903773080	435190	3773080	0.120463008	0.183980278	0.304443
4352103773080	435210	3773080	0.123713043	0.192149356	0.315862
4352303773080	435230	3773080	0.12688109	0.200024117	0.326905
4352503773080	435250	3773080	0.129775316	0.2071504	0.336926
4352703773080	435270	3773080	0.132507956	0.213748829	0.346257
4352903773080	435290	3773080	0.135102889	0.219855921	0.354959
4353103773080	435310	3773080	0.137365894	0.225008103	0.362374
4353303773080	435330	3773080	0.1394896	0.229630758	0.36912
4353503773080	435350	3773080	0.141280582	0.233268561	0.374549
4353703773080	435370	3773080	0.142932264	0.236377089	0.379309
4353903773080	435390	3773080	0.144021181	0.237947364	0.381969

Health Risk Assessment Results Sum	School Risk max	0.91
	Non-dorm or scho	2.56
Sensitive Receptors	MAX:	2.56

Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4356403774120	435640	3774120	1.477645077
4356603774120	435660	3774120	1.172687904
4356803774120	435680	3774120	0.980179098
4357003774120	435700	3774120	0.847770822
4357203774120	435720	3774120	0.751335499
4357403774120	435740	3774120	0.674928278
4357603774120	435760	3774120	0.613321709
4357803774120	435780	3774120	0.563059304
4358003774120	435800	3774120	0.520828569
4358203774120	435820	3774120	0.484637613
4358403774120	435840	3774120	0.453097145
4356003774140	435600	3774140	1.720870115
4356203774140	435620	3774140	2.019066884
4356403774140	435640	3774140	1.448648638
4356603774140	435660	3774140	1.146960449
4356803774140	435680	3774140	0.959242315
4357003774140	435700	3774140	0.83153725
4357203774140	435720	3774140	0.73786602
4357403774140	435740	3774140	0.663232028
4357603774140	435760	3774140	0.60313686
4357803774140	435780	3774140	0.553539781
4358003774140	435800	3774140	0.511963317
4358203774140	435820	3774140	0.47641104
4358403774140	435840	3774140	0.445651185
4356003774160	435600	3774160	1.699556814
4356203774160	435620	3774160	1.980567894
4356403774160	435640	3774160	1.415618441
4356603774160	435660	3774160	1.121988002
4356803774160	435680	3774160	0.939048913
4357003774160	435700	3774160	0.814763907
4357203774160	435720	3774160	0.723738694
4357403774160	435740	3774160	0.650671475
4357603774160	435760	3774160	0.591992278
4357803774160	435780	3774160	0.543489589
4358003774160	435800	3774160	0.50286035
4358203774160	435820	3774160	0.467861696
4358403774160	435840	3774160	0.437837611
4356003774180	435600	3774180	1.701640729
4356203774180	435620	3774180	1.938545116
4356403774180	435640	3774180	1.386523694
4356603774180	435660	3774180	1.097983884
4356803774180	435680	3774180	0.918983229
4357003774180	435700	3774180	0.796970249
4357203774180	435720	3774180	0.708107551
4357403774180	435740	3774180	0.636740803
4357603774180	435760	3774180	0.579443217
4357803774180	435780	3774180	0.532397241
4358003774180	435800	3774180	0.492579224
4358203774180	435820	3774180	0.45860077
4358403774180	435840	3774180	0.42893806
4356003774200	435600	3774200	2.131689635
4356203774200	435620	3774200	1.893371075
4356403774200	435640	3774200	1.355341327
4356603774200	435660	3774200	1.074192604
4356803774200	435680	3774200	0.898819741
4357003774200	435700	3774200	0.777818328
4357203774200	435720	3774200	0.688374681
4357403774200	435740	3774200	0.620485274
4357603774200	435760	3774200	0.567365898
4357803774200	435780	3774200	0.52174714
4358003774200	435800	3774200	0.483625018
4358203774200	435820	3774200	0.451179097
4358403774200	435840	3774200	0.424067082
4351703773020	435170	3773020	0.256669092
4351903773020	435190	3773020	0.266615079
4352103773020	435210	3773020	0.276153227
4352303773020	435230	3773020	0.284566709
4352503773020	435250	3773020	0.292339895
4352703773020	435270	3773020	0.299611993
4352903773020	435290	3773020	0.306177152
4353103773020	435310	3773020	0.312106841
4353303773020	435330	3773020	0.317237686
4353503773020	435350	3773020	0.321428522
4353703773020	435370	3773020	0.325130194
4353903773020	435390	3773020	0.327353839
4354103773020	435410	3773020	0.328546756
4354303773020	435430	3773020	0.328837937
4354503773020	435450	3773020	0.328950296
4354703773020	435470	3773020	0.327911392
4354903773020	435490	3773020	0.326083349
4355103773020	435510	3773020	0.322689216
4355303773020	435530	3773020	0.317882479
4355503773020	435550	3773020	0.310577331
4351703773040	435170	3773040	0.267722636
4351903773040	435190	3773040	0.2781711
4352103773040	435210	3773040	0.287912883
4352303773040	435230	3773040	0.297045258
4352503773040	435250	3773040	0.305599341
4352703773040	435270	3773040	0.313587364
4352903773040	435290	3773040	0.320853545
4353103773040	435310	3773040	0.327254749
4353303773040	435330	3773040	0.333169407
4353503773040	435350	3773040	0.33770776
4353703773040	435370	3773040	0.341235339
4353903773040	435390	3773040	0.344039219
4354103773040	435410	3773040	0.345358768
4354303773040	435430	3773040	0.345304351
4354503773040	435450	3773040	0.345086171
4354703773040	435470	3773040	0.343864
4354903773040	435490	3773040	0.34171568
4355103773040	435510	3773040	0.338086163
4355303773040	435530	3773040	0.333594957
4355503773040	435550	3773040	0.327909898
4351703773060	435170	3773060	0.279588517
4351903773060	435190	3773060	0.290670038
4352103773060	435210	3773060	0.301115914
4352303773060	435230	3773060	0.311161112
4352503773060	435250	3773060	0.320503125
4352703773060	435270	3773060	0.329174948
4352903773060	435290	3773060	0.337089972
4353103773060	435310	3773060	0.343978274
4353303773060	435330	3773060	0.350351755
4353503773060	435350	3773060	0.355360315
4353703773060	435370	3773060	0.359032129
4353903773060	435390	3773060	0.362000996
4354103773060	435410	3773060	0.363418018
4354303773060	435430	3773060	0.363210512
4354503773060	435450	3773060	0.362808791
4354703773060	435470	3773060	0.361285108
4354903773060	435490	3773060	0.35863779
4355103773060	435510	3773060	0.354839408
4355303773060	435530	3773060	0.350008407
4355503773060	435550	3773060	0.34399861
4351703773080	435170	3773080	0.292531268
4351903773080	435190	3773080	0.304443286
4352103773080	435210	3773080	0.315862399
4352303773080	435230	3773080	0.326905207
4352503773080	435250	3773080	0.336925716
4352703773080	435270	3773080	0.346256785
4352903773080	435290	3773080	0.35495881
4353103773080	435310	3773080	0.362373997
4353303773080	435330	3773080	0.369120358
4353503773080	435350	3773080	0.374549143
4353703773080	435370	3773080	0.379309354
4353903773080	435390	3773080	0.381968546

FOR CHRONIC CALCS

MAX: 0.0800

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0.168561817	0.403221581	0.047262478	0	0	0	0
0.147582262	0.352484998	0.040938721	0	0	0	0
0.131895982	0.314710633	0.036370693	0	0	0	0
0.119839651	0.285748029	0.032937105	0	0	0	0
0.110142442	0.262498145	0.030232384	0	0	0	0
0.10188358	0.242722934	0.027945465	0	0	0	0
0.094913806	0.226047456	0.026024189	0	0	0	0
0.088891495	0.211652297	0.024377262	0	0	0	0
0.083612546	0.199042255	0.022943818	0	0	0	0
0.078950367	0.187910567	0.021680989	0	0	0	0
0.074789092	0.177978361	0.020554738	0	0	0	0
0.225988506	0.539418566	0.061873278	0	0	0	0
0.184290829	0.442680563	0.053329179	0	0	0	0
0.156981594	0.375849591	0.044315355	0	0	0	0
0.138055341	0.329958103	0.038491452	0	0	0	0
0.123972814	0.295978167	0.034326014	0	0	0	0
0.113244556	0.270161028	0.031232437	0	0	0	0
0.10464083	0.249495928	0.028805025	0	0	0	0
0.097055281	0.231312687	0.026685312	0	0	0	0
0.090599977	0.215854275	0.024895328	0	0	0	0
0.08501337	0.20248707	0.023356235	0	0	0	0
0.080111285	0.19076655	0.022014724	0	0	0	0
0.07576615	0.180383567	0.020830596	0	0	0	0
0.071844412	0.171018419	0.019763371	0	0	0	0
0.205392591	0.490872438	0.056838	0	0	0	0
0.168659382	0.405735038	0.049392334	0	0	0	0
0.144594057	0.346559981	0.041169235	0	0	0	0
0.128263322	0.306810773	0.035999179	0	0	0	0
0.115876163	0.276840737	0.032257659	0	0	0	0
0.106373563	0.253922384	0.029470031	0	0	0	0
0.098784148	0.235655344	0.027296981	0	0	0	0
0.091913189	0.219160243	0.025353028	0	0	0	0
0.086029542	0.205053019	0.023706078	0	0	0	0
0.080914417	0.192799891	0.022284463	0	0	0	0
0.076412669	0.182025412	0.02104313	0	0	0	0
0.072401283	0.172430068	0.019940255	0	0	0	0
0.068731534	0.163661062	0.018934931	0	0	0	0
0.181344837	0.434312165	0.051094698	0	0	0	0
0.151787183	0.365854616	0.045153812	0	0	0	0
0.132090604	0.317015301	0.038027942	0	0	0	0
0.118164766	0.282946559	0.033449165	0	0	0	0
0.107534994	0.257128508	0.030142273	0	0	0	0
0.099203673	0.236975844	0.027640224	0	0	0	0
0.092498875	0.2207997	0.025681286	0	0	0	0
0.086400868	0.206130636	0.02392756	0	0	0	0
0.081139847	0.193494365	0.022434025	0	0	0	0
0.076519027	0.182410667	0.02113588	0	0	0	0
0.072429399	0.172609368	0.01999492	0	0	0	0
0.068779351	0.163868652	0.018983498	0	0	0	0
0.065421368	0.155834675	0.018054662	0	0	0	0
0.154735957	0.373668578	0.046658727	0	0	0	0
0.133792115	0.323318333	0.040641002	0	0	0	0
0.118924779	0.285902867	0.034726675	0	0	0	0
0.107696653	0.258213819	0.030820747	0	0	0	0
0.098808663	0.236509669	0.027941215	0	0	0	0
0.091561285	0.218911604	0.025693826	0	0	0	0
0.08545644	0.204144447	0.023857446	0	0	0	0
0.080219436	0.191516621	0.022322433	0	0	0	0
0.07662618	0.182822611	0.021242309	0	0	0	0
0.072630777	0.173216629	0.020099107	0	0	0	0
0.069084486	0.164701163	0.019095746	0	0	0	0
0.065902528	0.157068521	0.018203767	0	0	0	0
0.063011112	0.15014358	0.017403198	0	0	0	0
0.05910466	0.140126307	0.019902974	0	0	0	0
0.062197147	0.147445926	0.02070215	0	0	0	0
0.065206997	0.154569755	0.021451775	0	0	0	0
0.06792238	0.160996345	0.022091415	0	0	0	0
0.070468727	0.167022791	0.022663137	0	0	0	0
0.072877845	0.172724477	0.023179783	0	0	0	0
0.07508481	0.177947731	0.023625427	0	0	0	0
0.077102739	0.182723671	0.024007415	0	0	0	0
0.078879005	0.186927727	0.024313973	0	0	0	0
0.080366224	0.190447769	0.024534955	0	0	0	0
0.08169179	0.193585414	0.024709432	0	0	0	0
0.082561077	0.195643177	0.024757631	0	0	0	0
0.083101641	0.196923044	0.024718663	0	0	0	0
0.083349717	0.197510787	0.02460482	0	0	0	0
0.083518282	0.197910591	0.024476445	0	0	0	0
0.083320906	0.19744432	0.024256271	0	0	0	0
0.082866124	0.196368881	0.023975342	0	0	0	0
0.081918008	0.194125786	0.023571494	0	0	0	0
0.080525413	0.190830627	0.023059278	0	0	0	0
0.07838059	0.18575459	0.02235632	0	0	0	0
0.061131217	0.144939553	0.02069157	0	0	0	0
0.064355043	0.152570513	0.021518196	0	0	0	0
0.067414745	0.159812736	0.022268478	0	0	0	0
0.070326066	0.166703623	0.022951299	0	0	0	0
0.073089335	0.173244031	0.023570438	0	0	0	0
0.075699473	0.179422008	0.024128171	0	0	0	0
0.078105653	0.18511726	0.024613224	0	0	0	0
0.080259347	0.190214944	0.025015376	0	0	0	0
0.082261879	0.194955018	0.025367784	0	0	0	0
0.083851578	0.198717964	0.025599233	0	0	0	0
0.085126817	0.201736737	0.02574203	0	0	0	0
0.086166952	0.204199231	0.02582165	0	0	0	0
0.086746544	0.205571716	0.025778104	0	0	0	0
0.08689494	0.205923666	0.025622878	0	0	0	0
0.086965956	0.206092729	0.025455587	0	0	0	0
0.086714806	0.205499321	0.02521011	0	0	0	0
0.086166737	0.204203156	0.024894682	0	0	0	0
0.085155662	0.201811034	0.024465965	0	0	0	0
0.0838698	0.198768467	0.023975499	0	0	0	0
0.082211269	0.194843704	0.023397752	0	0	0	0
0.063254555	0.149983788	0.021529166	0	0	0	0
0.066639727	0.157997269	0.022391094	0	0	0	0
0.069883565	0.165675972	0.023180933	0	0	0	0
0.07303985	0.173147367	0.023919346	0	0	0	0
0.076017587	0.180196037	0.024582511	0	0	0	0
0.078816614	0.186821678	0.025174946	0	0	0	0
0.081403649	0.192945558	0.025691315	0	0	0	0
0.083694583	0.198368572	0.026111659	0	0	0	0
0.08582616	0.203414568	0.026479944	0	0	0	0
0.087550312	0.207496203	0.026729088	0	0	0	0
0.088866876	0.210613145	0.026864014	0	0	0	0
0.089953419	0.213185836	0.026938372	0	0	0	0
0.090561218	0.214625377	0.026886138	0	0	0	0
0.090667154	0.214877006	0.026704496	0	0	0	0
0.090683251	0.214916278	0.026508992	0	0	0	0
0.090344226	0.214114997	0.026228052	0	0	0	0
0.089650567	0.21247428	0.02586365	0	0	0	0
0.088596536	0.209980482	0.025415324	0	0	0	0
0.087220498	0.206724371	0.024893927	0	0	0	0
0.085482116	0.202610397	0.024289348	0	0	0	0
0.06552387	0.15537585	0.022434324	0	0	0	0
0.06911712	0.163882675	0.023343931	0	0	0	0
0.072611993	0.172156436	0.024191476	0	0	0	0
0.076030298	0.180248879	0.024987856	0	0	0	0
0.079187746	0.187723629	0.025681683	0	0	0	0
0.082163368	0.194767958	0.026302429	0	0	0	0
0.084965037	0.201400579	0.026857188	0	0	0	0
0.087401086	0.207167669	0.027295016	0	0	0	0
0.089633672	0.212453307	0.027668506	0	0	0	0
0.091473752	0.216809874	0.027927939	0	0	0	0
0.093098566	0.220657096	0.028128079	0	0	0	0
0.094093958	0.223014327	0.028156769	0	0	0	0

Health Risk Assessment Resul	School Risk max	0.57	0.34	0.91
	Non-dorm or sc	0.67	0.23	0.89
	MAX:	1.10	0.80	1.90

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Offroad	Total Risk
4354103773080	435410	3773080	0.144751902	0.238483818	0.383236
4354303773080	435430	3773080	0.145082238	0.237911219	0.382993
4354503773080	435450	3773080	0.145450782	0.237276189	0.382727
4354703773080	435470	3773080	0.145384715	0.235522161	0.380907
4354903773080	435490	3773080	0.144979555	0.232902309	0.377882
4355103773080	435510	3773080	0.144225751	0.22944204	0.373668
4355303773080	435530	3773080	0.143186982	0.225351679	0.368539
4355503773080	435550	3773080	0.14162445	0.220055128	0.36168
4351703773100	435170	3773100	0.124215314	0.18231903	0.306534
4351903773100	435190	3773100	0.128041646	0.191423136	0.319465
4352103773100	435210	3773100	0.131771664	0.200233004	0.332005
4352303773100	435230	3773100	0.135438798	0.208796332	0.344235
4352503773100	435250	3773100	0.138897382	0.216772519	0.35567
4352703773100	435270	3773100	0.142059857	0.223935483	0.365995
4352903773100	435290	3773100	0.144782149	0.229940064	0.374722
4353103773100	435310	3773100	0.147320567	0.235344042	0.382665
4353303773100	435330	3773100	0.149801674	0.240404976	0.390207
4353503773100	435350	3773100	0.151827473	0.244233	0.39606
4353703773100	435370	3773100	0.153524527	0.247100673	0.400625
4353903773100	435390	3773100	0.154768662	0.248736158	0.403505
4354103773100	435410	3773100	0.155600474	0.249251361	0.404852
4354303773100	435430	3773100	0.156228511	0.249123743	0.405352
4354503773100	435450	3773100	0.156762622	0.248655445	0.405418
4354703773100	435470	3773100	0.156483229	0.246242161	0.402725
4354903773100	435490	3773100	0.155915686	0.243138322	0.399054
4355103773100	435510	3773100	0.154978804	0.239205108	0.394184
4355303773100	435530	3773100	0.153726709	0.234636188	0.388363
4355503773100	435550	3773100	0.151996223	0.229081564	0.381078
4351703773120	435170	3773120	0.132121104	0.189563713	0.321685
4351903773120	435190	3773120	0.136539654	0.199411202	0.335951
4352103773120	435210	3773120	0.14103462	0.209335047	0.35037
4352303773120	435230	3773120	0.145117262	0.218274592	0.363392
4352503773120	435250	3773120	0.148975434	0.226603728	0.375579
4352703773120	435270	3773120	0.152566949	0.234209041	0.386776
4352903773120	435290	3773120	0.155774	0.240817212	0.396591
4353103773120	435310	3773120	0.158765337	0.246765268	0.405531
4353303773120	435330	3773120	0.161404846	0.251749843	0.413155
4353503773120	435350	3773120	0.163805557	0.255989357	0.419795
4353703773120	435370	3773120	0.165727081	0.25897611	0.424703
4353903773120	435390	3773120	0.16718693	0.2607515	0.427938
4354103773120	435410	3773120	0.168095157	0.261144148	0.429239
4354303773120	435430	3773120	0.168906272	0.261129075	0.430035
4354503773120	435450	3773120	0.169245365	0.259966439	0.429212
4354703773120	435470	3773120	0.169185665	0.257869015	0.427055
4354903773120	435490	3773120	0.16858708	0.25458829	0.423175
4355103773120	435510	3773120	0.167491795	0.250275711	0.417768
4355303773120	435530	3773120	0.165865584	0.244914416	0.41078
4355503773120	435550	3773120	0.163813517	0.238798437	0.402612
4351703773140	435170	3773140	0.141091135	0.197507899	0.338599
4351903773140	435190	3773140	0.146157623	0.208046171	0.354204
4352103773140	435210	3773140	0.151243215	0.218529654	0.369773
4352303773140	435230	3773140	0.155961854	0.228155945	0.384118
4352503773140	435250	3773140	0.16056985	0.237431548	0.398001
4352703773140	435270	3773140	0.164736867	0.245653443	0.41039
4352903773140	435290	3773140	0.168514644	0.252904952	0.42142
4353103773140	435310	3773140	0.171892037	0.259145488	0.431038
4353303773140	435330	3773140	0.174994017	0.264601753	0.439596
4353503773140	435350	3773140	0.177609646	0.268836428	0.446446
4353903773140	435390	3773140	0.181583237	0.274015696	0.455599
4354103773140	435410	3773140	0.182754141	0.274611004	0.457365
4354303773140	435430	3773140	0.183354319	0.27386222	0.457217
4354503773140	435450	3773140	0.183819178	0.272672073	0.456491
4354703773140	435470	3773140	0.183776991	0.27038423	0.454161
4354903773140	435490	3773140	0.183066966	0.266738372	0.449805
4355103773140	435510	3773140	0.181865019	0.262177724	0.444043
4355303773140	435530	3773140	0.179812952	0.255993531	0.435806
4355503773140	435550	3773140	0.177302394	0.249101617	0.426404
4351703773160	435170	3773160	0.151251971	0.206058309	0.35731
4351903773160	435190	3773160	0.15711843	0.217378219	0.374497
4352103773160	435210	3773160	0.162879819	0.228398446	0.391278
4352303773160	435230	3773160	0.168443801	0.238928559	0.407372
4352503773160	435250	3773160	0.174087383	0.249506882	0.423594
4352703773160	435270	3773160	0.179002632	0.258518205	0.437521
4352903773160	435290	3773160	0.183393323	0.266333362	0.449727
4353103773160	435310	3773160	0.187227615	0.272882063	0.46011
4353303773160	435330	3773160	0.190949673	0.278997059	0.469947
4354103773160	435410	3773160	0.199867965	0.289444369	0.489312
4354303773160	435430	3773160	0.200435507	0.288307185	0.488743
4354503773160	435450	3773160	0.200804051	0.286613741	0.487418
4354703773160	435470	3773160	0.200743556	0.284020517	0.484764
4354903773160	435490	3773160	0.19976369	0.279689564	0.479453
4355103773160	435510	3773160	0.198844319	0.27569487	0.474539
4355303773160	435530	3773160	0.196351273	0.268739311	0.465091
4355503773160	435550	3773160	0.193196758	0.260811922	0.454009
4351703773180	435170	3773180	0.162781116	0.215131624	0.377913
4351903773180	435190	3773180	0.169754004	0.227533974	0.397288
4352103773180	435210	3773180	0.176714952	0.239823025	0.416538
4352303773180	435230	3773180	0.183477698	0.251664434	0.435142
4352503773180	435250	3773180	0.189688026	0.262376691	0.452065
4352703773180	435270	3773180	0.195378571	0.272008741	0.467387
4352903773180	435290	3773180	0.200590725	0.280615718	0.481206
4353103773180	435310	3773180	0.205206682	0.287945852	0.493153
4353303773180	435330	3773180	0.209322755	0.294143672	0.503466
4354103773180	435410	3773180	0.219613337	0.305080087	0.524693
4354303773180	435430	3773180	0.220437188	0.304035975	0.524473
4354503773180	435450	3773180	0.220784241	0.301948042	0.522732
4354703773180	435470	3773180	0.220599571	0.298818415	0.519418
4354903773180	435490	3773180	0.219677016	0.294405707	0.514083
4355103773180	435510	3773180	0.217896383	0.288622415	0.506519
4355303773180	435530	3773180	0.215166927	0.28141517	0.496582
4355503773180	435550	3773180	0.211635907	0.27316409	0.4848
4351703773200	435170	3773200	0.176105222	0.224964257	0.401069
4351903773200	435190	3773200	0.184668502	0.238933033	0.423602
4352103773200	435210	3773200	0.192836969	0.25212542	0.444962
4352303773200	435230	3773200	0.201198863	0.265654121	0.466853
4352503773200	435250	3773200	0.208671634	0.277532521	0.486204
4352703773200	435270	3773200	0.215657258	0.288502062	0.504159
4352903773200	435290	3773200	0.221770475	0.297781186	0.519552
4353103773200	435310	3773200	0.22726043	0.30583195	0.533092
4353303773200	435330	3773200	0.231901858	0.312187338	0.544089
4354103773200	435410	3773200	0.243588609	0.323178825	0.566767
4354303773200	435430	3773200	0.244512756	0.321858833	0.566372
4354503773200	435450	3773200	0.244882892	0.319404299	0.564287
4354703773200	435470	3773200	0.244396541	0.315421439	0.559818
4354903773200	435490	3773200	0.243262253	0.310395118	0.553657
4355103773200	435510	3773200	0.241293765	0.304204459	0.545498
4355303773200	435530	3773200	0.238003931	0.296183065	0.534187
4355503773200	435550	3773200	0.233545581	0.286709364	0.520255
4351703773220	435170	3773220	0.191903271	0.235984817	0.427888
4351903773220	435190	3773220	0.201970975	0.250837297	0.452808
4352103773220	435210	3773220	0.21177441	0.265203413	0.476978
4352303773220	435230	3773220	0.221689283	0.279759483	0.501449
4352503773220	435250	3773220	0.230707074	0.292866416	0.523573
4352703773220	435270	3773220	0.239021208	0.304827817	0.543849
4352903773220	435290	3773220	0.246275082	0.314967675	0.561243
4353103773220	435310	3773220	0.252664508	0.323582046	0.576247
4353303773220	435330	3773220	0.258238838	0.330691262	0.58893
4354103773220	435410	3773220	0.271943429	0.342424124	0.614368
4354303773220	435430	3773220	0.273288655	0.341249912	0.614539
4354503773220	435450	3773220	0.273931816	0.338712272	0.612644
4354703773220	435470	3773220	0.273250447	0.334036996	0.607287
4354903773220	435490	3773220	0.271879749	0.328313377	0.600193
4355103773220	435510	3773220	0.269855542	0.321877802	0.591733
4355303773220	435530	3773220	0.265625642	0.312511296	0.578137
4355503773220	435550	3773220	0.260136483	0.301894088	0.562031

Health Risk Assessment Results Sum	School Risk max	0.91
	Non-dorm or scho	2.56
Sensitive Receptors	MAX:	2.56

Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4354103773080	435410	3773080	0.383235719
4354303773080	435430	3773080	0.382993458
4354503773080	435450	3773080	0.382726972
4354703773080	435470	3773080	0.380906876
4354903773080	435490	3773080	0.377881864
4355103773080	435510	3773080	0.373667791
4355303773080	435530	3773080	0.368538661
4355503773080	435550	3773080	0.361679578
4351703773100	435170	3773100	0.306534344
4351903773100	435190	3773100	0.319464782
4352103773100	435210	3773100	0.332004667
4352303773100	435230	3773100	0.34423513
4352503773100	435250	3773100	0.355669901
4352703773100	435270	3773100	0.36599534
4352903773100	435290	3773100	0.374722213
4353103773100	435310	3773100	0.382664609
4353303773100	435330	3773100	0.39020665
4353503773100	435350	3773100	0.396060472
4353703773100	435370	3773100	0.4006252
4353903773100	435390	3773100	0.40350482
4354103773100	435410	3773100	0.404851834
4354303773100	435430	3773100	0.405352255
4354503773100	435450	3773100	0.405418067
4354703773100	435470	3773100	0.40272539
4354903773100	435490	3773100	0.399054008
4355103773100	435510	3773100	0.394183912
4355303773100	435530	3773100	0.388362897
4355503773100	435550	3773100	0.381077787
4351703773120	435170	3773120	0.321684817
4351903773120	435190	3773120	0.335950857
4352103773120	435210	3773120	0.350369667
4352303773120	435230	3773120	0.363391854
4352503773120	435250	3773120	0.375579162
4352703773120	435270	3773120	0.38677599
4352903773120	435290	3773120	0.396591212
4353103773120	435310	3773120	0.405530605
4353303773120	435330	3773120	0.413154689
4353503773120	435350	3773120	0.419794914
4353703773120	435370	3773120	0.424703191
4353903773120	435390	3773120	0.42793843
4354103773120	435410	3773120	0.429239305
4354303773120	435430	3773120	0.430035347
4354503773120	435450	3773120	0.429211804
4354703773120	435470	3773120	0.42705468
4354903773120	435490	3773120	0.423175369
4355103773120	435510	3773120	0.417767506
4355303773120	435530	3773120	0.410779999
4355503773120	435550	3773120	0.402611954
4351703773140	435170	3773140	0.338599035
4351903773140	435190	3773140	0.354203794
4352103773140	435210	3773140	0.369772869
4352303773140	435230	3773140	0.384117799
4352503773140	435250	3773140	0.398001398
4352703773140	435270	3773140	0.41039031
4352903773140	435290	3773140	0.421419596
4353103773140	435310	3773140	0.431037525
4353303773140	435330	3773140	0.439595771
4353503773140	435350	3773140	0.446446075
4353903773140	435390	3773140	0.455598934
4354103773140	435410	3773140	0.457365145
4354303773140	435430	3773140	0.457216539
4354503773140	435450	3773140	0.456491251
4354703773140	435470	3773140	0.454161221
4354903773140	435490	3773140	0.449805339
4355103773140	435510	3773140	0.444042743
4355303773140	435530	3773140	0.435806482
4355503773140	435550	3773140	0.426404011
4351703773160	435170	3773160	0.35731028
4351903773160	435190	3773160	0.374496649
4352103773160	435210	3773160	0.391278265
4352303773160	435230	3773160	0.40737236
4352503773160	435250	3773160	0.423594265
4352703773160	435270	3773160	0.437520837
4352903773160	435290	3773160	0.449726685
4353103773160	435310	3773160	0.460109678
4353303773160	435330	3773160	0.469946731
4354103773160	435410	3773160	0.489312334
4354303773160	435430	3773160	0.488742691
4354503773160	435450	3773160	0.487417792
4354703773160	435470	3773160	0.484764072
4354903773160	435490	3773160	0.479453254
4355103773160	435510	3773160	0.474539189
4355303773160	435530	3773160	0.465090584
4355503773160	435550	3773160	0.454008679
4351703773180	435170	3773180	0.37791274
4351903773180	435190	3773180	0.397287978
4352103773180	435210	3773180	0.416537977
4352303773180	435230	3773180	0.435142131
4352503773180	435250	3773180	0.452064716
4352703773180	435270	3773180	0.467387312
4352903773180	435290	3773180	0.481206444
4353103773180	435310	3773180	0.493152534
4353303773180	435330	3773180	0.503466427
4354103773180	435410	3773180	0.524693424
4354303773180	435430	3773180	0.524473164
4354503773180	435450	3773180	0.522732283
4354703773180	435470	3773180	0.519417986
4354903773180	435490	3773180	0.514082723
4355103773180	435510	3773180	0.506518798
4355303773180	435530	3773180	0.496582097
4355503773180	435550	3773180	0.484799997
4351703773200	435170	3773200	0.401069479
4351903773200	435190	3773200	0.423601534
4352103773200	435210	3773200	0.444962389
4352303773200	435230	3773200	0.466852984
4352503773200	435250	3773200	0.486204155
4352703773200	435270	3773200	0.50415932
4352903773200	435290	3773200	0.51955166
4353103773200	435310	3773200	0.53309238
4353303773200	435330	3773200	0.544089196
4354103773200	435410	3773200	0.566767435
4354303773200	435430	3773200	0.566371589
4354503773200	435450	3773200	0.564287191
4354703773200	435470	3773200	0.55981798
4354903773200	435490	3773200	0.553657371
4355103773200	435510	3773200	0.545498224
4355303773200	435530	3773200	0.534186996
4355503773200	435550	3773200	0.520254945
4351703773220	435170	3773220	0.427888088
4351903773220	435190	3773220	0.452808272
4352103773220	435210	3773220	0.476977823
4352303773220	435230	3773220	0.501448766
4352503773220	435250	3773220	0.52357349
4352703773220	435270	3773220	0.543849025
4352903773220	435290	3773220	0.561242757
4353103773220	435310	3773220	0.576246553
4353303773220	435330	3773220	0.5889301
4354103773220	435410	3773220	0.614367553
4354303773220	435430	3773220	0.614538567
4354503773220	435450	3773220	0.612644088
4354703773220	435470	3773220	0.607287443
4354903773220	435490	3773220	0.600193126
4355103773220	435510	3773220	0.591733345
4355303773220	435530	3773220	0.578136937
4355503773220	435550	3773220	0.562030571

FOR CHRONIC CALCS

MAX: 0.0800

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0.094657497	0.224349385	0.028074046	0	0	0	0
0.094753766	0.224578386	0.027873408	0	0	0	0
0.094806433	0.224704518	0.027673697	0	0	0	0
0.094381663	0.223700409	0.027357393	0	0	0	0
0.09358078	0.22180594	0.026953685	0	0	0	0
0.092412964	0.21904276	0.026465832	0	0	0	0
0.090963306	0.215612244	0.025917622	0	0	0	0
0.088993249	0.210949555	0.025245913	0	0	0	0
0.06790966	0.161046245	0.02340088	0	0	0	0
0.071751328	0.170142159	0.024368786	0	0	0	0
0.075527409	0.179082643	0.025280857	0	0	0	0
0.079250532	0.18789769	0.026145384	0	0	0	0
0.082780839	0.196256135	0.026924516	0	0	0	0
0.086020287	0.203925882	0.027595365	0	0	0	0
0.088822134	0.210559502	0.0281217	0	0	0	0
0.09139871	0.21665993	0.028572627	0	0	0	0
0.093846095	0.2224548	0.028980919	0	0	0	0
0.095800632	0.227082912	0.029246875	0	0	0	0
0.097363155	0.230783135	0.029405498	0	0	0	0
0.098416762	0.233278644	0.029428768	0	0	0	0
0.099000477	0.234661841	0.029332006	0	0	0	0
0.099303834	0.235381578	0.02917104	0	0	0	0
0.099447669	0.235723909	0.02898072	0	0	0	0
0.098772213	0.234126416	0.028583031	0	0	0	0
0.097788685	0.231799586	0.028118961	0	0	0	0
0.096438549	0.228604721	0.02757363	0	0	0	0
0.094801322	0.224729977	0.026968434	0	0	0	0
0.092732391	0.219832869	0.026264793	0	0	0	0
0.070403901	0.166976449	0.024430264	0	0	0	0
0.074564497	0.176828732	0.025476264	0	0	0	0
0.078810348	0.186882838	0.026508239	0	0	0	0
0.082722211	0.196145797	0.027401298	0	0	0	0
0.086435028	0.204937356	0.028204949	0	0	0	0
0.08989453	0.213129076	0.02890986	0	0	0	0
0.092982176	0.220440291	0.029488311	0	0	0	0
0.095821596	0.227163923	0.029984087	0	0	0	0
0.098282607	0.23299171	0.030365811	0	0	0	0
0.10044424	0.23811093	0.030662334	0	0	0	0
0.102094004	0.242018336	0.030818824	0	0	0	0
0.103240097	0.244733385	0.030843587	0	0	0	0
0.103806115	0.246075108	0.030720044	0	0	0	0
0.10418343	0.246970449	0.030560509	0	0	0	0
0.104067073	0.246697015	0.030282992	0	0	0	0
0.103541318	0.245454289	0.029912361	0	0	0	0
0.102501883	0.242995201	0.029421789	0	0	0	0
0.101008939	0.239462136	0.028828854	0	0	0	0
0.099054941	0.234837107	0.02813182	0	0	0	0
0.096761214	0.229407308	0.027363021	0	0	0	0
0.073126468	0.173451052	0.025565673	0	0	0	0
0.077590914	0.18402433	0.026681528	0	0	0	0
0.082096348	0.194694553	0.027764743	0	0	0	0
0.086323208	0.204704794	0.028721768	0	0	0	0
0.090457923	0.214496776	0.029618154	0	0	0	0
0.094213399	0.223390547	0.030374972	0	0	0	0
0.097609479	0.231433234	0.03100761	0	0	0	0
0.100618127	0.238558534	0.031516375	0	0	0	0
0.103318704	0.244954558	0.031932372	0	0	0	0
0.105526101	0.250182899	0.032209225	0	0	0	0
0.108574655	0.257405208	0.03240441	0	0	0	0
0.109258246	0.25902597	0.032289713	0	0	0	0
0.109366842	0.259285325	0.03203539	0	0	0	0
0.109265091	0.259046975	0.031744527	0	0	0	0
0.108682615	0.257670288	0.031344139	0	0	0	0
0.10751005	0.254896083	0.030806115	0	0	0	0
0.105928567	0.251153301	0.030179995	0	0	0	0
0.103644349	0.245745972	0.029387941	0	0	0	0
0.101036465	0.239571681	0.02853046	0	0	0	0
0.076034749	0.180369934	0.02679931	0	0	0	0
0.080843557	0.191760629	0.027994282	0	0	0	0
0.085606942	0.203043505	0.029123348	0	0	0	0
0.09024063	0.214018987	0.030167857	0	0	0	0
0.094944985	0.225161827	0.031196561	0	0	0	0
0.099073506	0.234940565	0.032022375	0	0	0	0
0.102755071	0.243660687	0.032696571	0	0	0	0
0.105946891	0.251220927	0.033217199	0	0	0	0
0.108969513	0.258380815	0.033686215	0	0	0	0
0.115274606	0.273321343	0.034018419	0	0	0	0
0.11525795	0.273284556	0.033707116	0	0	0	0
0.114977987	0.272624624	0.033348873	0	0	0	0
0.114292884	0.271005326	0.032905465	0	0	0	0
0.112855692	0.267604537	0.03228438	0	0	0	0
0.111522116	0.264448885	0.031714804	0	0	0	0
0.108929152	0.258309933	0.030833156	0	0	0	0
0.10589889	0.251134566	0.029858506	0	0	0	0
0.079088928	0.187639807	0.028125244	0	0	0	0
0.084364431	0.200138404	0.029434065	0	0	0	0
0.089677311	0.212725275	0.030695115	0	0	0	0
0.094887542	0.225068671	0.031872194	0	0	0	0
0.099714095	0.23650286	0.03288978	0	0	0	0
0.104157794	0.247029937	0.033761487	0	0	0	0
0.108223889	0.256662497	0.034500849	0	0	0	0
0.111796298	0.265125684	0.035085189	0	0	0	0
0.114917493	0.272520303	0.035537836	0	0	0	0
0.121626687	0.28842202	0.035844037	0	0	0	0
0.121683996	0.288561189	0.035528999	0	0	0	0
0.12127206	0.287589284	0.03511494	0	0	0	0
0.12038989	0.285503718	0.034602629	0	0	0	0
0.118937458	0.282067174	0.033965154	0	0	0	0
0.11687803	0.277192296	0.033192756	0	0	0	0
0.114189791	0.270827119	0.032279153	0	0	0	0
0.111031286	0.263346983	0.031265483	0	0	0	0
0.082369713	0.19545333	0.029578121	0	0	0	0
0.088305413	0.209519306	0.031058039	0	0	0	0
0.094037621	0.223102602	0.032402812	0	0	0	0
0.099981986	0.237188143	0.033753984	0	0	0	0
0.105348532	0.249904159	0.034878867	0	0	0	0
0.110405508	0.261886394	0.035875496	0	0	0	0
0.114822861	0.272353129	0.03666063	0	0	0	0
0.118764723	0.281693365	0.037296637	0	0	0	0
0.122026145	0.289421749	0.037737053	0	0	0	0
0.128994686	0.305942682	0.037955867	0	0	0	0
0.128978726	0.305909159	0.037594303	0	0	0	0
0.12844843	0.304657652	0.037126765	0	0	0	0
0.127240644	0.301801229	0.036509497	0	0	0	0
0.125553922	0.297810052	0.035796617	0	0	0	0
0.123339387	0.292567775	0.034973761	0	0	0	0
0.120322879	0.2854243	0.033966174	0	0	0	0
0.11666229	0.276753441	0.032814819	0	0	0	0
0.086027184	0.204168252	0.031218739	0	0	0	0
0.09237405	0.219212711	0.032781627	0	0	0	0
0.098641047	0.234067228	0.03423972	0	0	0	0
0.105072323	0.249310471	0.035682711	0	0	0	0
0.111013322	0.26339103	0.036919261	0	0	0	0
0.116556526	0.276528337	0.037996957	0	0	0	0
0.121410085	0.28803108	0.038846379	0	0	0	0
0.125667303	0.298120639	0.039512648	0	0	0	0
0.129316546	0.306769745	0.040006628	0	0	0	0
0.136843692	0.324619915	0.040208462	0	0	0	0
0.13692975	0.324829388	0.039846965	0	0	0	0
0.136399649	0.323579581	0.039357133	0	0	0	0
0.134932491	0.32010933	0.038652864	0	0	0	0
0.132976883	0.315481656	0.037855426	0	0	0	0
0.130675127	0.310033007	0.036999952	0	0	0	0
0.127108992	0.301586398	0.035840088	0	0	0	0
0.122977618	0.291798315	0.034559717	0	0	0	0

Health Risk Assessment Resul	School Risk max	0.57	0.34	0.91
	Non-dorm or sc	0.67	0.23	0.89
	MAX:	1.10	0.80	1.90

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Offroad	Total Risk
4351703773240	435170	3773240	0.21095613	0.248410677	0.459367
4351903773240	435190	3773240	0.223051225	0.264321402	0.487373
4352103773240	435210	3773240	0.234979162	0.280007834	0.514987
4352303773240	435230	3773240	0.246639646	0.295375848	0.542015
4352503773240	435250	3773240	0.257680052	0.309944729	0.567625
4352703773240	435270	3773240	0.267718304	0.323119512	0.590838
4352903773240	435290	3773240	0.276336507	0.334166427	0.610503
4353103773240	435310	3773240	0.283835546	0.343470957	0.627307
4353303773240	435330	3773240	0.290537001	0.351399763	0.641937
4351703773260	435170	3773260	0.23405024	0.261952657	0.496003
4351903773260	435190	3773260	0.24912314	0.279380388	0.528504
4352103773260	435210	3773260	0.263997839	0.296713038	0.560711
4352303773260	435230	3773260	0.278162512	0.313350443	0.591513
4352503773260	435250	3773260	0.291578954	0.32925259	0.620832
4352703773260	435270	3773260	0.303854739	0.343866544	0.647721
4352903773260	435290	3773260	0.314192284	0.3559958	0.670188
4353103773260	435310	3773260	0.323262611	0.36637761	0.68964
4353303773260	435330	3773260	0.331454958	0.3753574	0.706812
4351703773280	435170	3773280	0.262442471	0.276291352	0.538734
4351903773280	435190	3773280	0.282347837	0.296324813	0.578673
4352103773280	435210	3773280	0.301469948	0.315756523	0.617226
4352303773280	435230	3773280	0.319495182	0.334429838	0.653925
4352503773280	435250	3773280	0.336145738	0.352033493	0.688179
4352703773280	435270	3773280	0.350940837	0.367893739	0.718835
4352903773280	435290	3773280	0.363445868	0.381286535	0.744732
4353103773280	435310	3773280	0.374059622	0.392432963	0.766493
4353303773280	435330	3773280	0.383843157	0.40227306	0.786116
4351703773300	435170	3773300	0.299179879	0.292355318	0.591535
4351903773300	435190	3773300	0.326285788	0.315446843	0.641733
4352103773300	435210	3773300	0.351742401	0.337540689	0.689283
4352303773300	435230	3773300	0.375210627	0.358652383	0.733863
4352503773300	435250	3773300	0.396215258	0.378264535	0.77448
4352703773300	435270	3773300	0.414084477	0.3954673	0.809552
4352903773300	435290	3773300	0.429157378	0.410185695	0.839343
4353103773300	435310	3773300	0.441997521	0.422586908	0.864584
4353303773300	435330	3773300	0.453470151	0.433140985	0.886611
4353503773300	435350	3773300	0.463053096	0.441193954	0.904247
4351703773320	435170	3773320	0.348850563	0.310462743	0.659313
4351903773320	435190	3773320	0.388607168	0.338097401	0.726705
4352103773320	435210	3773320	0.423735878	0.363358167	0.787094
4352303773320	435230	3773320	0.455384511	0.387609529	0.842994
4352503773320	435250	3773320	0.482671109	0.409884079	0.892555
4352703773320	435270	3773320	0.505364835	0.429396058	0.934761
4352903773320	435290	3773320	0.523554043	0.445581112	0.969135
4353103773320	435310	3773320	0.537885079	0.458498469	0.996384
4353303773320	435330	3773320	0.551965378	0.470254654	1.02222
4353503773320	435350	3773320	0.563722972	0.47925241	1.042975
4351703773340	435170	3773340	0.422905658	0.332576634	0.755482
4351903773340	435190	3773340	0.48334213	0.364700029	0.848042
4352103773340	435210	3773340	0.53548994	0.394632885	0.930123
4352303773340	435230	3773340	0.57889378	0.422479212	1.001373
4352503773340	435250	3773340	0.614831217	0.447866194	1.062697
4352703773340	435270	3773340	0.643435978	0.469772735	1.113209
4352903773340	435290	3773340	0.665075014	0.487547527	1.152623
4353103773340	435310	3773340	0.683107412	0.502368245	1.185476
4353303773340	435330	3773340	0.699475391	0.514846244	1.214322
4353503773340	435350	3773340	0.713675884	0.524613942	1.23829
4351703773360	435170	3773360	0.544450419	0.359195177	0.903646
4351903773360	435190	3773360	0.650563288	0.398531381	1.049095
4352103773360	435210	3773360	0.73372055	0.434739006	1.16846
4352303773360	435230	3773360	0.795137684	0.467421198	1.262559
4352503773360	435250	3773360	0.842515114	0.496510672	1.339026
4352703773360	435270	3773360	0.878997806	0.521319511	1.400317
4352903773360	435290	3773360	0.906042423	0.541484978	1.447527
4353103773360	435310	3773360	0.92724446	0.557745466	1.48499
4353303773360	435330	3773360	0.947859851	0.571479471	1.519339
4353503773360	435350	3773360	0.96620587	0.582275949	1.548482
4351703773380	435170	3773380	0.783903851	0.392138119	1.176042
4351903773380	435190	3773380	1.01363902	0.442232984	1.455872
4352103773380	435210	3773380	1.159562621	0.4881836	1.647746
4352303773380	435230	3773380	1.247951937	0.528273186	1.776225
4352503773380	435250	3773380	1.309467774	0.56247741	1.871945
4352703773380	435270	3773380	1.357123006	0.590848759	1.947972
4352903773380	435290	3773380	1.391254338	0.613582455	2.004837
4353103773380	435310	3773380	1.412402247	0.631118336	2.043521
4353303773380	435330	3773380	1.439422984	0.645910331	2.085333
4353503773380	435350	3773380	1.468215599	0.657898744	2.126114
4351703773400	435170	3773400	0.65097004	0.434898061	1.085868
4351903773400	435190	3773400	0.59610551	0.506697932	1.102803
4352103773400	435210	3773400	0.879871009	0.57012153	1.449993
4352303773400	435230	3773400	1.501085284	0.622093213	2.123178
4352503773400	435250	3773400	1.591029171	0.663378144	2.254407
4352703773400	435270	3773400	1.101488653	0.696005327	1.797494
4352903773400	435290	3773400	1.11769425	0.721368741	1.839063
4353103773400	435310	3773400	1.153430301	0.741805041	1.895235
4353303773400	435330	3773400	1.211964352	0.758048302	1.970013
4353503773400	435350	3773400	1.758809911	0.771162405	2.529972
4347803774060	434780	3774060	0.08000991	0.01569472	0.095705
4348003774060	434800	3774060	0.081886859	0.016661626	0.098548
4348203774060	434820	3774060	0.084305878	0.017722812	0.102029
4348403774060	434840	3774060	0.08697643	0.01890226	0.105879
4348603774060	434860	3774060	0.088707712	0.020259523	0.108967
4348803774060	434880	3774060	0.090832214	0.021785138	0.112617
4349003774060	434900	3774060	0.093648433	0.023508415	0.117157
4349203774060	434920	3774060	0.096773497	0.025487537	0.122261
4349403774060	434940	3774060	0.09936445	0.027820456	0.127185
4347803774080	434780	3774080	0.079506843	0.015164625	0.094671
4348003774080	434800	3774080	0.081768256	0.016065053	0.097833
4348203774080	434820	3774080	0.084250158	0.017058405	0.101309
4348403774080	434840	3774080	0.086746388	0.018167022	0.104913
4348603774080	434860	3774080	0.088486427	0.0194331	0.10792
4348803774080	434880	3774080	0.090808335	0.020845579	0.111654
4349003774080	434900	3774080	0.093708133	0.022439482	0.116148
4349203774080	434920	3774080	0.096823644	0.024264916	0.121089
4349403774080	434940	3774080	0.099151124	0.026418664	0.12557
4347803774100	434780	3774100	0.079436796	0.014646349	0.094083
4348003774100	434800	3774100	0.081761092	0.015490266	0.097251
4348203774100	434820	3774100	0.084237422	0.016421937	0.100659
4348403774100	434840	3774100	0.08662301	0.017461081	0.104084
4348603774100	434860	3774100	0.0887101	0.018632371	0.107342
4348803774100	434880	3774100	0.090818682	0.019950031	0.110769
4349003774100	434900	3774100	0.093749524	0.021424298	0.115174
4349203774100	434920	3774100	0.096713002	0.02311125	0.119824
4349403774100	434940	3774100	0.099343754	0.025075822	0.12442
4347803774120	434780	3774120	0.079157403	0.014152548	0.09331
4348003774120	434800	3774120	0.081502395	0.014945052	0.096447
4348203774120	434820	3774120	0.083861714	0.015821229	0.099683
4348403774120	434840	3774120	0.086108003	0.016796087	0.102904
4348603774120	434860	3774120	0.088566822	0.017878718	0.106446
4348803774120	434880	3774120	0.091066236	0.019092424	0.110159
4349003774120	434900	3774120	0.093334016	0.020472434	0.113806
4349203774120	434920	3774120	0.096120784	0.022032141	0.118153
4349403774120	434940	3774120	0.099357286	0.023814298	0.123172
4347803774140	434780	3774140	0.078656724	0.013682782	0.09234
4348003774140	434800	3774140	0.081043107	0.014427658	0.095471
4348203774140	434820	3774140	0.083383323	0.015249203	0.098633
4348403774140	434840	3774140	0.085422654	0.016163037	0.101586
4348603774140	434860	3774140	0.087893413	0.01717169	0.105065
4348803774140	434880	3774140	0.090663464	0.018293487	0.108957
4349003774140	434900	3774140	0.093186758	0.019562853	0.11275
4349203774140	434920	3774140	0.09608178	0.020995976	0.117078
4349403774140	434940	3774140	0.099479073	0.022623464	0.122103
4347803774160	434780	3774160	0.078253952	0.013229343	0.091483
4348003774160	434800	3774160	0.08022244	0.013935457	0.094158
4348203774160	434820	3774160	0.082636683	0.014704762	0.097341

Health Risk Assessment Results Sum	School Risk max	0.91
	Non-dorm or scho	2.56
Sensitive Receptors	MAX:	2.56

Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4351703773240	435170	3773240	0.459366807
4351903773240	435190	3773240	0.487372627
4352103773240	435210	3773240	0.514986996
4352303773240	435230	3773240	0.542015494
4352503773240	435250	3773240	0.567624781
4352703773240	435270	3773240	0.590837816
4352903773240	435290	3773240	0.610502934
4353103773240	435310	3773240	0.627306503
4353303773240	435330	3773240	0.641936764
4351703773260	435170	3773260	0.496002896
4351903773260	435190	3773260	0.528503528
4352103773260	435210	3773260	0.560710877
4352303773260	435230	3773260	0.591512955
4352503773260	435250	3773260	0.620831544
4352703773260	435270	3773260	0.647721284
4352903773260	435290	3773260	0.670188084
4353103773260	435310	3773260	0.689640221
4353303773260	435330	3773260	0.706812359
4351703773280	435170	3773280	0.538733823
4351903773280	435190	3773280	0.578672651
4352103773280	435210	3773280	0.617226471
4352303773280	435230	3773280	0.653925019
4352503773280	435250	3773280	0.688179231
4352703773280	435270	3773280	0.718834577
4352903773280	435290	3773280	0.744732403
4353103773280	435310	3773280	0.766492585
4353303773280	435330	3773280	0.786116218
4351703773300	435170	3773300	0.591535198
4351903773300	435190	3773300	0.64173263
4352103773300	435210	3773300	0.68928309
4352303773300	435230	3773300	0.733863009
4352503773300	435250	3773300	0.774479793
4352703773300	435270	3773300	0.809551778
4352903773300	435290	3773300	0.839343072
4353103773300	435310	3773300	0.864584429
4353303773300	435330	3773300	0.886611135
4353503773300	435350	3773300	0.90424705
4351703773320	435170	3773320	0.659313306
4351903773320	435190	3773320	0.726704569
4352103773320	435210	3773320	0.787094045
4352303773320	435230	3773320	0.84299404
4352503773320	435250	3773320	0.892555188
4352703773320	435270	3773320	0.934760893
4352903773320	435290	3773320	0.969135155
4353103773320	435310	3773320	0.996383548
4353303773320	435330	3773320	1.022220032
4353503773320	435350	3773320	1.042975383
4351703773340	435170	3773340	0.755482292
4351903773340	435190	3773340	0.848042159
4352103773340	435210	3773340	0.930122825
4352303773340	435230	3773340	1.001372992
4352503773340	435250	3773340	1.06269741
4352703773340	435270	3773340	1.113208712
4352903773340	435290	3773340	1.152622541
4353103773340	435310	3773340	1.185475657
4353303773340	435330	3773340	1.214321635
4353503773340	435350	3773340	1.238289826
4351703773360	435170	3773360	0.903645597
4351903773360	435190	3773360	1.049094669
4352103773360	435210	3773360	1.168459555
4352303773360	435230	3773360	1.262558881
4352503773360	435250	3773360	1.339025786
4352703773360	435270	3773360	1.400317317
4352903773360	435290	3773360	1.447527401
4353103773360	435310	3773360	1.484989925
4353303773360	435330	3773360	1.519339322
4353503773360	435350	3773360	1.548481819
4351703773380	435170	3773380	1.176041971
4351903773380	435190	3773380	1.455872004
4352103773380	435210	3773380	1.647746222
4352303773380	435230	3773380	1.776225123
4352503773380	435250	3773380	1.871945184
4352703773380	435270	3773380	1.947971765
4352903773380	435290	3773380	2.004836793
4353103773380	435310	3773380	2.043520583
4353303773380	435330	3773380	2.085333315
4353503773380	435350	3773380	2.126114343
4351703773400	435170	3773400	1.085868101
4351903773400	435190	3773400	1.102803443
4352103773400	435210	3773400	1.449992539
4352303773400	435230	3773400	2.123178496
4352503773400	435250	3773400	2.254407315
4352703773400	435270	3773400	1.79749398
4352903773400	435290	3773400	1.839062991
4353103773400	435310	3773400	1.895235342
4353303773400	435330	3773400	1.970012655
4353503773400	435350	3773400	2.529972316
4347803774060	434780	3774060	0.09570463
4348003774060	434800	3774060	0.098548484
4348203774060	434820	3774060	0.102028689
4348403774060	434840	3774060	0.105878691
4348603774060	434860	3774060	0.108967236
4348803774060	434880	3774060	0.112617352
4349003774060	434900	3774060	0.117156848
4349203774060	434920	3774060	0.122261034
4349403774060	434940	3774060	0.127184906
4347803774080	434780	3774080	0.094671469
4348003774080	434800	3774080	0.097833309
4348203774080	434820	3774080	0.101308563
4348403774080	434840	3774080	0.10491341
4348603774080	434860	3774080	0.107919527
4348803774080	434880	3774080	0.111653914
4349003774080	434900	3774080	0.116147615
4349203774080	434920	3774080	0.12108856
4349403774080	434940	3774080	0.125569788
4347803774100	434780	3774100	0.094083144
4348003774100	434800	3774100	0.097251358
4348203774100	434820	3774100	0.100659359
4348403774100	434840	3774100	0.104084091
4348603774100	434860	3774100	0.107342471
4348803774100	434880	3774100	0.110768714
4349003774100	434900	3774100	0.115173822
4349203774100	434920	3774100	0.119824252
4349403774100	434940	3774100	0.124419577
4347803774120	434780	3774120	0.093309951
4348003774120	434800	3774120	0.096447447
4348203774120	434820	3774120	0.099682944
4348403774120	434840	3774120	0.10290409
4348603774120	434860	3774120	0.106445539
4348803774120	434880	3774120	0.11015866
4349003774120	434900	3774120	0.11380645
4349203774120	434920	3774120	0.118152925
4349403774120	434940	3774120	0.123171584
4347803774140	434780	3774140	0.092339506
4348003774140	434800	3774140	0.095470766
4348203774140	434820	3774140	0.098632526
4348403774140	434840	3774140	0.101585691
4348603774140	434860	3774140	0.105065103
4348803774140	434880	3774140	0.108956952
4349003774140	434900	3774140	0.112749611
4349203774140	434920	3774140	0.117077756
4349403774140	434940	3774140	0.122102537
4347803774160	434780	3774160	0.091483296
4348003774160	434800	3774160	0.094157896
4348203774160	434820	3774160	0.097341445

FOR CHRONIC CALCS

MAX: 0.0800

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0.090128155	0.213946007	0.033083833	0	0	0	0
0.096969199	0.230167494	0.034746343	0	0	0	0
0.103844978	0.24647031	0.036330169	0	0	0	0
0.110698432	0.262719152	0.037832335	0	0	0	0
0.117321481	0.278420694	0.039203253	0	0	0	0
0.12345506	0.292960985	0.040382445	0	0	0	0
0.128778786	0.305581006	0.041295934	0	0	0	0
0.133416796	0.316575477	0.042001563	0	0	0	0
0.137492571	0.326237668	0.042552235	0	0	0	0
0.094545663	0.224490128	0.035148857	0	0	0	0
0.102074278	0.242349977	0.036963281	0	0	0	0
0.109705331	0.260451006	0.038706818	0	0	0	0
0.117182037	0.278184065	0.040315972	0	0	0	0
0.124459308	0.295442429	0.041798275	0	0	0	0
0.131292668	0.311646577	0.043098914	0	0	0	0
0.137175949	0.325596724	0.044089884	0	0	0	0
0.142366938	0.337905113	0.044873664	0	0	0	0
0.146978305	0.348839769	0.045502027	0	0	0	0
0.099139525	0.235475033	0.037388444	0	0	0	0
0.107790687	0.256009584	0.039487161	0	0	0	0
0.116377987	0.276389664	0.041439425	0	0	0	0
0.124803191	0.296381705	0.043240996	0	0	0	0
0.132909049	0.315612839	0.04486903	0	0	0	0
0.140394844	0.333370236	0.046257914	0	0	0	0
0.146934126	0.348880464	0.047338896	0	0	0	0
0.152574974	0.362258953	0.048155917	0	0	0	0
0.157662601	0.374326313	0.048833617	0	0	0	0
0.104236162	0.24768594	0.039940919	0	0	0	0
0.114211789	0.2713831	0.042377249	0	0	0	0
0.124006894	0.294646173	0.04460062	0	0	0	0
0.133572748	0.317358466	0.046634405	0	0	0	0
0.142661916	0.338933087	0.048434693	0	0	0	0
0.150870867	0.358413378	0.049911698	0	0	0	0
0.158119312	0.375611134	0.051079625	0	0	0	0
0.164430103	0.390582917	0.051978582	0	0	0	0
0.169956295	0.403694346	0.052680653	0	0	0	0
0.174407983	0.414257959	0.053121064	0	0	0	0
0.109929549	0.261365736	0.042877297	0	0	0	0
0.121826839	0.289661512	0.045843433	0	0	0	0
0.133077516	0.316408235	0.048391113	0	0	0	0
0.144105164	0.342612115	0.050732127	0	0	0	0
0.154480656	0.367255048	0.052770278	0	0	0	0
0.163837564	0.389470051	0.054437163	0	0	0	0
0.171892123	0.408586935	0.055693483	0	0	0	0
0.178612931	0.424534424	0.056572113	0	0	0	0
0.1847996	0.43921851	0.057346973	0	0	0	0
0.189787124	0.451058263	0.057838108	0	0	0	0
0.116901841	0.278178415	0.046516074	0	0	0	0
0.130786475	0.311264443	0.050005424	0	0	0	0
0.144137683	0.343052293	0.053063762	0	0	0	0
0.156875574	0.373351107	0.055752032	0	0	0	0
0.168773407	0.401630844	0.058066352	0	0	0	0
0.179363481	0.426786853	0.059916234	0	0	0	0
0.188317145	0.448044133	0.061258014	0	0	0	0
0.196036269	0.466367612	0.062269947	0	0	0	0
0.202722229	0.482241988	0.063048521	0	0	0	0
0.208197422	0.495245272	0.06356255	0	0	0	0
0.12530423	0.298586069	0.051038965	0	0	0	0
0.142318295	0.339274683	0.055452475	0	0	0	0
0.158506744	0.377908099	0.059226825	0	0	0	0
0.173541023	0.413715394	0.062393965	0	0	0	0
0.187280377	0.446398868	0.065029146	0	0	0	0
0.199374998	0.475146125	0.067099891	0	0	0	0
0.209603738	0.499441158	0.06860362	0	0	0	0
0.218186688	0.519820391	0.069672286	0	0	0	0
0.225623645	0.537488774	0.070508162	0	0	0	0
0.231720968	0.551981067	0.071069204	0	0	0	0
0.135791737	0.324456029	0.057003024	0	0	0	0
0.15748819	0.376770683	0.063040677	0	0	0	0
0.178031346	0.425979746	0.068014499	0	0	0	0
0.196512085	0.470053989	0.071942278	0	0	0	0
0.212768368	0.508749549	0.075024531	0	0	0	0
0.226718086	0.541931412	0.077369702	0	0	0	0
0.238365869	0.569612045	0.079032459	0	0	0	0
0.247808831	0.592023396	0.080098453	0	0	0	0
0.255961132	0.611411318	0.080960567	0	0	0	0
0.262777052	0.627649168	0.081602609	0	0	0	0
0.149569147	0.356411607	0.062661642	0	0	0	0
0.180579195	0.42944513	0.069609003	0	0	0	0
0.208804309	0.497433258	0.076902446	0	0	0	0
0.232759734	0.556861883	0.084294241	0	0	0	0
0.252448054	0.603796912	0.088057629	0	0	0	0
0.268588807	0.639720054	0.088243264	0	0	0	0
0.281784226	0.670976728	0.089914735	0	0	0	0
0.292813493	0.697202973	0.091197064	0	0	0	0
0.301916006	0.718979352	0.092211363	0	0	0	0
0.309539237	0.739474732	0.095181467	0	0	0	0
0.00629362	0.015235864	0.002140331	0	0	0	0
0.006691222	0.016183982	0.002254184	0	0	0	0
0.007127248	0.017225362	0.002380912	0	0	0	0
0.00761232	0.018383788	0.002521491	0	0	0	0
0.008175154	0.01972172	0.002675223	0	0	0	0
0.008807871	0.021226581	0.002848803	0	0	0	0
0.009521817	0.022926539	0.003047078	0	0	0	0
0.010342523	0.024880188	0.003273972	0	0	0	0
0.011314317	0.027188466	0.003534625	0	0	0	0
0.006088312	0.014748402	0.00207496	0	0	0	0
0.006458253	0.015632896	0.002183452	0	0	0	0
0.006866744	0.016609492	0.002302924	0	0	0	0
0.007323763	0.017700832	0.002434543	0	0	0	0
0.007849384	0.018950863	0.002578262	0	0	0	0
0.008435074	0.020345485	0.002740625	0	0	0	0
0.009095586	0.021919547	0.002925284	0	0	0	0
0.00985301	0.023723609	0.003135426	0	0	0	0
0.010751658	0.025857833	0.003375141	0	0	0	0
0.005885841	0.014269608	0.002013694	0	0	0	0
0.006232838	0.015100166	0.002116191	0	0	0	0
0.00661641	0.016017848	0.002228731	0	0	0	0
0.007045546	0.017042796	0.00235199	0	0	0	0
0.007531207	0.018199966	0.002487371	0	0	0	0
0.008078674	0.019503295	0.002638114	0	0	0	0
0.008689845	0.020960895	0.002809941	0	0	0	0
0.009390693	0.022630567	0.003004152	0	0	0	0
0.010209702	0.024577966	0.003225412	0	0	0	0
0.005693018	0.013812665	0.00195432	0	0	0	0
0.006019197	0.01459412	0.002051173	0	0	0	0
0.006380624	0.015458939	0.002156852	0	0	0	0
0.006784006	0.016422393	0.002272189	0	0	0	0
0.007232332	0.01749302	0.002399968	0	0	0	0
0.007735745	0.018694014	0.002541709	0	0	0	0
0.008310117	0.020061644	0.002699434	0	0	0	0
0.008958976	0.021607657	0.002878839	0	0	0	0
0.009700348	0.023374333	0.003084081	0	0	0	0
0.005509842	0.013377515	0.001896659	0	0	0	0
0.005816681	0.014113455	0.001988408	0	0	0	0
0.006155974	0.014925881	0.00208791	0	0	0	0
0.006534905	0.015830615	0.002195389	0	0	0	0
0.006952904	0.016829627	0.002315123	0	0	0	0
0.007417823	0.01794088	0.002448375	0	0	0	0
0.007945666	0.019199713	0.002595639	0	0	0	0
0.00854175	0.020621498	0.002762049	0	0	0	0
0.009218385	0.022235919	0.00295165	0	0	0	0
0.005332251	0.012956008	0.001841698	0	0	0	0
0.005624451	0.013655459	0.001926779	0	0	0	0
0.005942277	0.014417489	0.00202092	0	0	0	0

Health Risk Assessment Resul	School Risk max		0.57	0.34	0.91
	Non-dorm or sc		0.67	0.23	0.89
		MAX:	1.10	0.80	1.90
Unique Identifier	X (UTM)	Y (UTM)	Onroad	Offroad	Total Risk
4348403774160	434840	3774160	0.085050926	0.015551909	0.100603
4348603774160	434860	3774160	0.08773103	0.016487141	0.104218
4348803774160	434880	3774160	0.090522574	0.017527519	0.10805
4349003774160	434900	3774160	0.093179594	0.01869816	0.111878
4349203774160	434920	3774160	0.096169339	0.020013838	0.116183
4349403774160	434940	3774160	0.099460765	0.021505812	0.120967
4347803774180	434780	3774180	0.077861528	0.01279407	0.090656
4348003774180	434800	3774180	0.079776684	0.013457219	0.093234
4348203774180	434820	3774180	0.082209235	0.014177306	0.096387
4348403774180	434840	3774180	0.084991227	0.014964396	0.099956
4348603774180	434860	3774180	0.087760482	0.015832973	0.103593
4348803774180	434880	3774180	0.090558393	0.016798004	0.107356
4349003774180	434900	3774180	0.092921693	0.017884117	0.110806
4349203774180	434920	3774180	0.095391655	0.019103682	0.114495
4349403774180	434940	3774180	0.098391748	0.020476493	0.118868
4347803774200	434780	3774200	0.077582931	0.012375238	0.089958
4348003774200	434800	3774200	0.079645346	0.012996037	0.092641
4348203774200	434820	3774200	0.081877307	0.013671896	0.095549
4348403774200	434840	3774200	0.08448418	0.014408731	0.098893
4348603774200	434860	3774200	0.087180204	0.01521942	0.1024
4348803774200	434880	3774200	0.089800609	0.016117284	0.105918
4349003774200	434900	3774200	0.092299227	0.017117707	0.109417
4349203774200	434920	3774200	0.094793069	0.018237183	0.11303
4349403774200	434940	3774200	0.097809082	0.019492685	0.117302
4364003773420	436400	3773420	0.067674425	0.056952729	0.124627
4364203773420	436420	3773420	0.066045826	0.055480554	0.121526
4364403773420	436440	3773420	0.064361508	0.05407779	0.118439
4364603773420	436460	3773420	0.062740868	0.052738019	0.115479
4364803773420	436480	3773420	0.061127393	0.051448071	0.112575
4365003773420	436500	3773420	0.059822762	0.050235767	0.110059
4365203773420	436520	3773420	0.058545992	0.049070711	0.107617
4365403773420	436540	3773420	0.057175294	0.047949705	0.105125
4365603773420	436560	3773420	0.05583962	0.046872162	0.102712
4365803773420	436580	3773420	0.054583545	0.045841815	0.100425
4364003773440	436400	3773440	0.069523514	0.058283397	0.127807
4364203773440	436420	3773440	0.068881149	0.057014026	0.125895
4364403773440	436440	3773440	0.067297921	0.055566942	0.122865
4364603773440	436460	3773440	0.065551515	0.054174292	0.119726
4364803773440	436480	3773440	0.062567342	0.052598301	0.115166
4365003773440	436500	3773440	0.061226892	0.051344764	0.112572
4365203773440	436520	3773440	0.059751919	0.050137375	0.109889
4365403773440	436540	3773440	0.058679718	0.048990916	0.107671
4365603773440	436560	3773440	0.057110022	0.047871995	0.104982
4365803773440	436580	3773440	0.055794248	0.046806488	0.102601
4364003773460	436400	3773460	0.071570009	0.05961823	0.131188
4364203773460	436420	3773460	0.071090026	0.058350196	0.12944
4364403773460	436440	3773460	0.068473601	0.056788488	0.125262
4364603773460	436460	3773460	0.066481234	0.055330289	0.121812
4364803773460	436480	3773460	0.064269173	0.053746888	0.118016
4365003773460	436500	3773460	0.062883351	0.052637831	0.115521
4365203773460	436520	3773460	0.061488773	0.051392482	0.112881
4365403773460	436540	3773460	0.06010534	0.05020703	0.110312
4365603773460	436560	3773460	0.058847672	0.04906619	0.107914
4365803773460	436580	3773460	0.057562146	0.047973441	0.105536
4364003773480	436400	3773480	0.073483573	0.061167622	0.134651
4364203773480	436420	3773480	0.072373165	0.059617311	0.13199
4364403773480	436440	3773480	0.069872955	0.058017749	0.127891
4364603773480	436460	3773480	0.067944267	0.056530754	0.124475
4364803773480	436480	3773480	0.066156469	0.055117392	0.121274
4365003773480	436500	3773480	0.064766667	0.053790053	0.118557
4365203773480	436520	3773480	0.063306818	0.052517317	0.115824
4365403773480	436540	3773480	0.061921793	0.051288477	0.11321
4365603773480	436560	3773480	0.060453984	0.050105605	0.11056
4365803773480	436580	3773480	0.058014269	0.048892215	0.106906
4364003773500	436400	3773500	0.075319926	0.06250261	0.137823
4364203773500	436420	3773500	0.073615708	0.06085917	0.134475
4364403773500	436440	3773500	0.071281064	0.059239494	0.130521
4364603773500	436460	3773500	0.06995335	0.057769023	0.127722
4364803773500	436480	3773500	0.068270623	0.056320341	0.124591
4365003773500	436500	3773500	0.066722419	0.05495143	0.121674
4365203773500	436520	3773500	0.065309534	0.053638632	0.118948
4365403773500	436540	3773500	0.063608499	0.05235546	0.115964
4365603773500	436560	3773500	0.06143783	0.051089375	0.112527
4365803773500	436580	3773500	0.058596935	0.049804479	0.108401
4364003773520	436400	3773520	0.077075884	0.063830842	0.140907
4364203773520	436420	3773520	0.075205304	0.062127302	0.137333
4364403773520	436440	3773520	0.072806184	0.060461226	0.133267
4364603773520	436460	3773520	0.071870894	0.058982998	0.130854
4364803773520	436480	3773520	0.070083097	0.057496355	0.127579
4365003773520	436500	3773520	0.068230028	0.056060977	0.124291
4365203773520	436520	3773520	0.066431086	0.054685063	0.121116
4365403773520	436540	3773520	0.064565281	0.053353152	0.117918
4365603773520	436560	3773520	0.062692313	0.052077348	0.11477
4365803773520	436580	3773520	0.060469108	0.050809564	0.111279
4364003773540	436400	3773540	0.07868936	0.065124828	0.143814
4364203773540	436420	3773540	0.076541774	0.063362642	0.139904
4364403773540	436440	3773540	0.074366328	0.061669439	0.136036
4364603773540	436460	3773540	0.073325171	0.060139635	0.133465
4364803773540	436480	3773540	0.071271512	0.058590151	0.129862
4365003773540	436500	3773540	0.0693675	0.057115231	0.126483
4365203773540	436520	3773540	0.067289961	0.055688068	0.122978
4365403773540	436540	3773540	0.065463956	0.054328174	0.119792
4365603773540	436560	3773540	0.06392212	0.053044887	0.116967
4365803773540	436580	3773540	0.061718815	0.051751959	0.113471
4364003773560	436400	3773560	0.080469993	0.066412663	0.146883
4364203773560	436420	3773560	0.07842509	0.064607367	0.143032
4364403773560	436440	3773560	0.075766478	0.062835626	0.138602
4364603773560	436460	3773560	0.074206334	0.061225743	0.135432
4364803773560	436480	3773560	0.072167799	0.059642039	0.13181
4365003773560	436500	3773560	0.070315526	0.058137868	0.128453
4365203773560	436520	3773560	0.068341466	0.056678951	0.12502
4365403773560	436540	3773560	0.066513073	0.055287601	0.121801
4365603773560	436560	3773560	0.065110536	0.053987531	0.119098
4365803773560	436580	3773560	0.062834795	0.052659292	0.115494
4364003773580	436400	3773580	0.081990338	0.067641428	0.149632
4364203773580	436420	3773580	0.079473412	0.065757846	0.145231
4364403773580	436440	3773580	0.076709728	0.063937467	0.140647
4364603773580	436460	3773580	0.074952178	0.062270673	0.137223
4364803773580	436480	3773580	0.073005182	0.060661653	0.133667
4365003773580	436500	3773580	0.071207037	0.059129728	0.130337
4365203773580	436520	3773580	0.06938342	0.057653147	0.127037
4365403773580	436540	3773580	0.067386276	0.056214254	0.123601
4365603773580	436560	3773580	0.066226516	0.054898566	0.121125
4365803773580	436580	3773580	0.063914956	0.053539548	0.117455
4364003773600	436400	3773600	0.083394467	0.068821684	0.152216
4364203773600	436420	3773600	0.080332287	0.066853594	0.147186
4364403773600	436440	3773600	0.077785909	0.065005786	0.142792
4364603773600	436460	3773600	0.075765682	0.06328906	0.139055
4364803773600	436480	3773600	0.07379003	0.061643758	0.135434
4365003773600	436500	3773600	0.071858158	0.060065994	0.131924
4365203773600	436520	3773600	0.069946186	0.05854932	0.128496
4365403773600	436540	3773600	0.068082769	0.057093643	0.125176
4365603773600	436560	3773600	0.067130763	0.055769324	0.1229
4365803773600	436580	3773600	0.065111332	0.054402015	0.119513
4364003773620	436400	3773620	0.084937895	0.069975463	0.154913
4364203773620	436420	3773620	0.08234933	0.068008201	0.150358
4364403773620	436440	3773620	0.080236768	0.066170416	0.146407
4364603773620	436460	3773620	0.078150473	0.064410063	0.142561
4364803773620	436480	3773620	0.076307752	0.062732003	0.13904
4365003773620	436500	3773620	0.074176086	0.061101564	0.135278
4365203773620	436520	3773620	0.071902734	0.059528236	0.131431
4365403773620	436540	3773620	0.070356918	0.058064224	0.128421
4365603773620	436560	3773620	0.068569916	0.056640478	0.12521
4365803773620	436580	3773620	0.066381735	0.05523993	0.121622
4364003773640	436400	3773640	0.086198746	0.071052269	0.157251

Health Risk Assessment Results Sum	School Risk max	0.91
	Non-dorm or scho	2.56
Sensitive Receptors	MAX:	2.56
Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4348403774160	434840	3774160	0.100602835
4348603774160	434860	3774160	0.104218172
4348803774160	434880	3774160	0.108050093
4349003774160	434900	3774160	0.111877754
4349203774160	434920	3774160	0.116183177
4349403774160	434940	3774160	0.120966577
4347803774180	434780	3774180	0.090655598
4348003774180	434800	3774180	0.093233903
4348203774180	434820	3774180	0.096386541
4348403774180	434840	3774180	0.099955623
4348603774180	434860	3774180	0.103593455
4348803774180	434880	3774180	0.107356397
4349003774180	434900	3774180	0.11080581
4349203774180	434920	3774180	0.114495337
4349403774180	434940	3774180	0.118868241
4347803774200	434780	3774200	0.089958169
4348003774200	434800	3774200	0.092641382
4348203774200	434820	3774200	0.095549203
4348403774200	434840	3774200	0.098892911
4348603774200	434860	3774200	0.102399624
4348803774200	434880	3774200	0.105917893
4349003774200	434900	3774200	0.109416934
4349203774200	434920	3774200	0.113030252
4349403774200	434940	3774200	0.117301768
4364003773420	436400	3773420	0.124627154
4364203773420	436420	3773420	0.12152638
4364403773420	436440	3773420	0.118439298
4364603773420	436460	3773420	0.115478888
4364803773420	436480	3773420	0.112575464
4365003773420	436500	3773420	0.110058529
4365203773420	436520	3773420	0.107616702
4365403773420	436540	3773420	0.105124998
4365603773420	436560	3773420	0.102711782
4365803773420	436580	3773420	0.100425359
4364003773440	436400	3773440	0.127806911
4364203773440	436420	3773440	0.125895175
4364403773440	436440	3773440	0.122864863
4364603773440	436460	3773440	0.119725807
4364803773440	436480	3773440	0.115165643
4365003773440	436500	3773440	0.112571656
4365203773440	436520	3773440	0.109889294
4365403773440	436540	3773440	0.107670635
4365603773440	436560	3773440	0.104982017
4365803773440	436580	3773440	0.102600736
4364003773460	436400	3773460	0.131188239
4364203773460	436420	3773460	0.129440222
4364403773460	436440	3773460	0.125262089
4364603773460	436460	3773460	0.121811523
4364803773460	436480	3773460	0.118016061
4365003773460	436500	3773460	0.115521182
4365203773460	436520	3773460	0.112881256
4365403773460	436540	3773460	0.11031237
4365603773460	436560	3773460	0.107913863
4365803773460	436580	3773460	0.105535587
4364003773480	436400	3773480	0.134651195
4364203773480	436420	3773480	0.131990476
4364403773480	436440	3773480	0.127890704
4364603773480	436460	3773480	0.124475021
4364803773480	436480	3773480	0.121273861
4365003773480	436500	3773480	0.118556721
4365203773480	436520	3773480	0.115824135
4365403773480	436540	3773480	0.11321027
4365603773480	436560	3773480	0.110559589
4365803773480	436580	3773480	0.106906484
4364003773500	436400	3773500	0.137822537
4364203773500	436420	3773500	0.134474878
4364403773500	436440	3773500	0.130520559
4364603773500	436460	3773500	0.127722373
4364803773500	436480	3773500	0.124590965
4365003773500	436500	3773500	0.121673849
4365203773500	436520	3773500	0.118948165
4365403773500	436540	3773500	0.11596396
4365603773500	436560	3773500	0.112527204
4365803773500	436580	3773500	0.108401414
4364003773520	436400	3773520	0.140906726
4364203773520	436420	3773520	0.137332606
4364403773520	436440	3773520	0.133267411
4364603773520	436460	3773520	0.130853892
4364803773520	436480	3773520	0.127579452
4365003773520	436500	3773520	0.124291004
4365203773520	436520	3773520	0.121116149
4365403773520	436540	3773520	0.117918433
4365603773520	436560	3773520	0.114769661
4365803773520	436580	3773520	0.111278671
4364003773540	436400	3773540	0.143814188
4364203773540	436420	3773540	0.139904416
4364403773540	436440	3773540	0.136035768
4364603773540	436460	3773540	0.133464806
4364803773540	436480	3773540	0.129861663
4365003773540	436500	3773540	0.126482731
4365203773540	436520	3773540	0.12297803
4365403773540	436540	3773540	0.11979213
4365603773540	436560	3773540	0.116967007
4365803773540	436580	3773540	0.113470773
4364003773560	436400	3773560	0.146882656
4364203773560	436420	3773560	0.143032457
4364403773560	436440	3773560	0.138602104
4364603773560	436460	3773560	0.135432077
4364803773560	436480	3773560	0.131809838
4365003773560	436500	3773560	0.128453395
4365203773560	436520	3773560	0.125020417
4365403773560	436540	3773560	0.121800674
4365603773560	436560	3773560	0.119098066
4365803773560	436580	3773560	0.115494087
4364003773580	436400	3773580	0.149631766
4364203773580	436420	3773580	0.145231258
4364403773580	436440	3773580	0.140647195
4364603773580	436460	3773580	0.137222851
4364803773580	436480	3773580	0.133666835
4365003773580	436500	3773580	0.130336765
4365203773580	436520	3773580	0.127036567
4365403773580	436540	3773580	0.123600531
4365603773580	436560	3773580	0.121125082
4365803773580	436580	3773580	0.117454504
4364003773600	436400	3773600	0.152216151
4364203773600	436420	3773600	0.14718588
4364403773600	436440	3773600	0.142791695
4364603773600	436460	3773600	0.139054742
4364803773600	436480	3773600	0.135433788
4365003773600	436500	3773600	0.131924152
4365203773600	436520	3773600	0.128495506
4365403773600	436540	3773600	0.125176413
4365603773600	436560	3773600	0.122900087
4365803773600	436580	3773600	0.119513347
4364003773620	436400	3773620	0.154913359
4364203773620	436420	3773620	0.150357531
4364403773620	436440	3773620	0.146407184
4364603773620	436460	3773620	0.142560537
4364803773620	436480	3773620	0.139039756
4365003773620	436500	3773620	0.13527765
4365203773620	436520	3773620	0.13143097
4365403773620	436540	3773620	0.128421141
4365603773620	436560	3773620	0.125210394
4365803773620	436580	3773620	0.121621665
4364003773640	436400	3773640	0.157251015

FOR CHRONIC CALCS

MAX: 0.0800

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0.00629289	0.015257003	0.002123212	0	0	0	0
0.006680093	0.016184188	0.002236152	0	0	0	0
0.007111407	0.017216124	0.002360684	0	0	0	0
0.007598117	0.018378359	0.002498026	0	0	0	0
0.008145195	0.019684763	0.002652371	0	0	0	0
0.008765915	0.021166567	0.002826808	0	0	0	0
0.005161382	0.012550435	0.001789076	0	0	0	0
0.005436199	0.013208563	0.001869116	0	0	0	0
0.005733863	0.01392303	0.001957945	0	0	0	0
0.006058944	0.014703875	0.002055716	0	0	0	0
0.006418451	0.015566016	0.002161919	0	0	0	0
0.006818618	0.016524374	0.00227834	0	0	0	0
0.007271195	0.017604614	0.002404877	0	0	0	0
0.007779851	0.018817864	0.00254593	0	0	0	0
0.008351849	0.020183204	0.002705946	0	0	0	0
0.004996429	0.012159356	0.00173912	0	0	0	0
0.005253557	0.012776352	0.001815329	0	0	0	0
0.005533492	0.013448013	0.001898236	0	0	0	0
0.005838389	0.014180364	0.001989535	0	0	0	0
0.006174281	0.014986365	0.00208902	0	0	0	0
0.006547214	0.015879559	0.002197156	0	0	0	0
0.006963904	0.016875606	0.002315245	0	0	0	0
0.007430923	0.017990567	0.002445705	0	0	0	0
0.007954232	0.019240922	0.002593202	0	0	0	0
0.022802373	0.054193094	0.006771602	0	0	0	0
0.022209714	0.052785146	0.006598475	0	0	0	0
0.021645246	0.051443566	0.006432804	0	0	0	0
0.02110636	0.050162728	0.006274421	0	0	0	0
0.020587474	0.04892919	0.006121703	0	0	0	0
0.020100593	0.047772683	0.005978814	0	0	0	0
0.019632731	0.046661249	0.00584137	0	0	0	0
0.019182563	0.045591205	0.005708475	0	0	0	0
0.018749941	0.044562783	0.005580613	0	0	0	0
0.018336509	0.043580071	0.005458344	0	0	0	0
0.02334309	0.055479291	0.006927682	0	0	0	0
0.02276202	0.054103204	0.006811375	0	0	0	0
0.02217953	0.052719495	0.006641249	0	0	0	0
0.021619973	0.051389238	0.006476083	0	0	0	0
0.021055191	0.050041021	0.006255765	0	0	0	0
0.020551583	0.048844825	0.006108124	0	0	0	0
0.020066485	0.04769176	0.005965097	0	0	0	0
0.019606352	0.046599519	0.005830573	0	0	0	0
0.019156818	0.045530067	0.005697097	0	0	0	0
0.018729116	0.044513363	0.005570648	0	0	0	0
0.023886452	0.056772636	0.007084718	0	0	0	0
0.023290646	0.055362463	0.006975733	0	0	0	0
0.022666561	0.053875769	0.006786099	0	0	0	0
0.022082549	0.052486606	0.006611622	0	0	0	0
0.021523102	0.051154498	0.006390469	0	0	0	0
0.021003095	0.049919342	0.006290301	0	0	0	0
0.020503252	0.048731797	0.00614314	0	0	0	0
0.020027017	0.047600092	0.006002984	0	0	0	0
0.019569158	0.046512383	0.005868246	0	0	0	0
0.01913064	0.045470255	0.005738804	0	0	0	0
0.02442406	0.058051783	0.007304121	0	0	0	0
0.023795887	0.056562258	0.007126258	0	0	0	0
0.023156733	0.055040481	0.006932818	0	0	0	0
0.022560432	0.053622567	0.006755681	0	0	0	0
0.021993493	0.052274678	0.006587592	0	0	0	0
0.021459551	0.051006573	0.006431681	0	0	0	0
0.020947897	0.04979082	0.006281471	0	0	0	0
0.020454776	0.048619204	0.006136178	0	0	0	0
0.019980663	0.04749213	0.005995474	0	0	0	0
0.019501191	0.046347986	0.005844006	0	0	0	0
0.024955759	0.059316611	0.007465161	0	0	0	0
0.024293253	0.057743261	0.007272789	0	0	0	0
0.02364461	0.05619981	0.007078422	0	0	0	0
0.023050674	0.05479021	0.006907678	0	0	0	0
0.022469157	0.053408346	0.006736241	0	0	0	0
0.021918639	0.052100351	0.006574864	0	0	0	0
0.021391088	0.050847244	0.006420259	0	0	0	0
0.020877603	0.049626069	0.006266781	0	0	0	0
0.020374063	0.048426269	0.006111803	0	0	0	0
0.019869627	0.047221309	0.005948855	0	0	0	0
0.025484988	0.060575241	0.007624971	0	0	0	0
0.024799349	0.058946466	0.007424631	0	0	0	0
0.024132337	0.057359315	0.007224616	0	0	0	0
0.023532381	0.055937267	0.007056001	0	0	0	0
0.022935277	0.054518094	0.006879941	0	0	0	0
0.022360133	0.05315052	0.0067088	0	0	0	0
0.021809259	0.051840544	0.006544459	0	0	0	0
0.021277393	0.050575187	0.006384223	0	0	0	0
0.02076815	0.049363258	0.006230257	0	0	0	0
0.020266244	0.048167079	0.006073874	0	0	0	0
0.026002234	0.061804906	0.007779519	0	0	0	0
0.025293939	0.060121335	0.007570918	0	0	0	0
0.024614822	0.05850659	0.007369363	0	0	0	0
0.023995017	0.057037157	0.007194076	0	0	0	0
0.023374439	0.055561305	0.007008967	0	0	0	0
0.022783552	0.054156294	0.006833069	0	0	0	0
0.022213301	0.052799264	0.006661166	0	0	0	0
0.021669636	0.051506204	0.006498185	0	0	0	0
0.021155022	0.050283083	0.006345873	0	0	0	0
0.020642298	0.04906143	0.006187042	0	0	0	0
0.026516877	0.063029175	0.007934186	0	0	0	0
0.025791052	0.061304645	0.007721271	0	0	0	0
0.025083026	0.059619392	0.007507542	0	0	0	0
0.024433816	0.058078115	0.007319691	0	0	0	0
0.023799142	0.056569018	0.007130933	0	0	0	0
0.023195801	0.055134813	0.006952262	0	0	0	0
0.022612446	0.053747287	0.006777388	0	0	0	0
0.022055831	0.05242361	0.006610977	0	0	0	0
0.021533035	0.051181788	0.006458007	0	0	0	0
0.021006368	0.049926857	0.006294758	0	0	0	0
0.027010997	0.064203766	0.008079651	0	0	0	0
0.026256101	0.062408394	0.00785475	0	0	0	0
0.025529046	0.060677695	0.007634836	0	0	0	0
0.024858173	0.059084331	0.007439156	0	0	0	0
0.024212198	0.057548943	0.007248431	0	0	0	0
0.023596896	0.056086716	0.007067214	0	0	0	0
0.02300487	0.054679381	0.006891691	0	0	0	0
0.022430201	0.053312277	0.006718704	0	0	0	0
0.021899729	0.052053413	0.006565663	0	0	0	0
0.021360271	0.050768092	0.006398955	0	0	0	0
0.027488218	0.065337894	0.008218018	0	0	0	0
0.02670211	0.063466291	0.007979947	0	0	0	0
0.025962785	0.061707582	0.007758448	0	0	0	0
0.025272702	0.060067627	0.00755558	0	0	0	0
0.024611969	0.058497233	0.007360704	0	0	0	0
0.023978946	0.056992524	0.00717341	0	0	0	0
0.023371172	0.055547571	0.006992808	0	0	0	0
0.022788322	0.054161739	0.006819138	0	0	0	0
0.022252463	0.05289109	0.006666873	0	0	0	0
0.021707465	0.051594001	0.006501485	0	0	0	0
0.027955618	0.066449447	0.008353684	0	0	0	0
0.027166451	0.064572761	0.008119284	0	0	0	0
0.026427176	0.062816138	0.007902561	0	0	0	0
0.025719707	0.061134799	0.007694407	0	0	0	0
0.025045219	0.059532502	0.007496685	0	0	0	0
0.024391845	0.057978792	0.007302195	0	0	0	0
0.023762553	0.05648135	0.007113031	0	0	0	0
0.023174166	0.055083874	0.006940783	0	0	0	0
0.02260362	0.053727465	0.006771287	0	0	0	0
0.02204516	0.052397797	0.006601425	0	0	0	0
0.028395445	0.067494556	0.008477964	0	0	0	0

Health Risk Assessment Resul School Risk max 0.57 0.34 0.91

Non-dorm or sc 0.67 0.23 0.89

MAX: 1.10 0.80 1.90

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Offroad	Total Risk
4364203773640	436420	3773640	0.083612569	0.069049895	0.152662
4364403773640	436440	3773640	0.081379016	0.067165189	0.148544
4364603773640	436460	3773640	0.079146259	0.065356608	0.144503
4364803773640	436480	3773640	0.077216775	0.063649111	0.140866
4365003773640	436500	3773640	0.075223611	0.062001491	0.137225
4365203773640	436520	3773640	0.073475613	0.060430378	0.133906
4365403773640	436540	3773640	0.070980179	0.058866873	0.129847
4365603773640	436560	3773640	0.068535688	0.057363804	0.125899
4365803773640	436580	3773640	0.066972361	0.05598762	0.12296
4364003773660	436400	3773660	0.087222392	0.072064246	0.159287
4364203773660	436420	3773660	0.084604375	0.070023788	0.154628
4364403773660	436440	3773660	0.082529224	0.068111915	0.150641
4364603773660	436460	3773660	0.080289303	0.066271698	0.146561
4364803773660	436480	3773660	0.07823644	0.064521975	0.142758
4365003773660	436500	3773660	0.07649083	0.062869478	0.13936
4365203773660	436520	3773660	0.074028828	0.061212725	0.135242
4365403773660	436540	3773660	0.072030888	0.059661055	0.131692
4365603773660	436560	3773660	0.070234335	0.058184376	0.128419
4365803773660	436580	3773660	0.068335099	0.05676086	0.125096
4364003773680	436400	3773680	0.088273101	0.073008325	0.161281
4364203773680	436420	3773680	0.085610508	0.07093169	0.156542
4364403773680	436440	3773680	0.083402427	0.068988805	0.152391
4364603773680	436460	3773680	0.081150566	0.067118161	0.148269
4364803773680	436480	3773680	0.079052332	0.065336551	0.144389
4365003773680	436500	3773680	0.077354481	0.06365221	0.141007
4365203773680	436520	3773680	0.074546222	0.061945445	0.136492
4365403773680	436540	3773680	0.072733749	0.060387056	0.133121
4365603773680	436560	3773680	0.071019979	0.058895065	0.129915
4365803773680	436580	3773680	0.068955972	0.057425215	0.126381
4364003773700	436400	3773700	0.089220331	0.073877563	0.163098
4364203773700	436420	3773700	0.086530675	0.071769654	0.1583
4364403773700	436440	3773700	0.084170559	0.069783319	0.153954
4364603773700	436460	3773700	0.081977602	0.067892888	0.14987
4364803773700	436480	3773700	0.079952599	0.066094287	0.146047
4365003773700	436500	3773700	0.077987295	0.06437119	0.142358
4365203773700	436520	3773700	0.075397934	0.062650698	0.138049
4365403773700	436540	3773700	0.073592624	0.061070919	0.134664
4365603773700	436560	3773700	0.071847014	0.059554156	0.131401
4365803773700	436580	3773700	0.069995537	0.058083192	0.128079
4364003773720	436400	3773720	0.09003861	0.07466481	0.164703
4364203773720	436420	3773720	0.087223984	0.072530343	0.159754
4364403773720	436440	3773720	0.084847948	0.070517786	0.155366
4364603773720	436460	3773720	0.082737774	0.068600892	0.151339
4364803773720	436480	3773720	0.080579044	0.066765699	0.147345
4365003773720	436500	3773720	0.078680604	0.065027436	0.143708
4365203773720	436520	3773720	0.076200293	0.063307062	0.139507
4365403773720	436540	3773720	0.074277177	0.061694768	0.135972
4365603773720	436560	3773720	0.072810164	0.060175936	0.132986
4365803773720	436580	3773720	0.071218181	0.058709551	0.129928
4364003773740	436400	3773740	0.090615705	0.075364646	0.16598
4364203773740	436420	3773740	0.087916496	0.073206329	0.161123
4364403773740	436440	3773740	0.085525337	0.071171058	0.156696
4364603773740	436460	3773740	0.083283824	0.069232694	0.152517
4364803773740	436480	3773740	0.081094051	0.067374013	0.148468
4365003773740	436500	3773740	0.079101683	0.065608005	0.14471
4365203773740	436520	3773740	0.076381779	0.063843263	0.140225
4365403773740	436540	3773740	0.074366328	0.062204713	0.136571
4365603773740	436560	3773740	0.073431038	0.060712409	0.134143
4365803773740	436580	3773740	0.072303914	0.059258695	0.131563
4364003773760	436400	3773760	0.091169715	0.075966909	0.167137
4364203773760	436420	3773760	0.08849359	0.073794773	0.162288
4364403773760	436440	3773760	0.086127107	0.071744444	0.157872
4364603773760	436460	3773760	0.083838631	0.069783012	0.153622
4364803773760	436480	3773760	0.081796116	0.067923969	0.14972
4365003773760	436500	3773760	0.079745641	0.066134663	0.14588
4365203773760	436520	3773760	0.076837883	0.064335758	0.141174
4365403773760	436540	3773760	0.07482084	0.062683538	0.137504
4365603773760	436560	3773760	0.07378605	0.061176395	0.134962
4365803773760	436580	3773760	0.072559427	0.059700863	0.13226
4364003773780	436400	3773780	0.091445128	0.076469573	0.167915
4364203773780	436420	3773780	0.088837459	0.074290488	0.163128
4364403773780	436440	3773780	0.086463015	0.072225434	0.158688
4364603773780	436460	3773780	0.084423684	0.070263674	0.154687
4364803773780	436480	3773780	0.082379578	0.068389835	0.150769
4365003773780	436500	3773780	0.080196968	0.066574705	0.146772
4365203773780	436520	3773780	0.077275678	0.06477734	0.142053
4365403773780	436540	3773780	0.075202916	0.063105537	0.138308
4365603773780	436560	3773780	0.074233398	0.061582322	0.135816
4365803773780	436580	3773780	0.07268997	0.060076593	0.132767
4364003773800	436400	3773800	0.091780241	0.076873462	0.168654
4364203773800	436420	3773800	0.08931585	0.07470233	0.164018
4364403773800	436440	3773800	0.086927079	0.072625346	0.159552
4364603773800	436460	3773800	0.084686362	0.070645487	0.155332
4364803773800	436480	3773800	0.082487036	0.068746985	0.151234
4365003773800	436500	3773800	0.080388802	0.066930874	0.14732
4365203773800	436520	3773800	0.078231664	0.065178313	0.14341
4365403773800	436540	3773800	0.076393719	0.063520522	0.139914
4365603773800	436560	3773800	0.074603534	0.061927036	0.136531
4365803773800	436580	3773800	0.072933543	0.060393925	0.133327
4350403773340	435040	3773340	0.176807287	0.166148482	0.342956
4350603773340	435060	3773340	0.196079044	0.185615402	0.381694
4350803773340	435080	3773340	0.220032825	0.207114422	0.427147
4351003773340	435100	3773340	0.250197729	0.2308601	0.481058
4351203773340	435120	3773340	0.288597965	0.257269167	0.545867
4350403773360	435040	3773360	0.183948925	0.170865332	0.354814
4350603773360	435060	3773360	0.205848251	0.191623205	0.397471
4350803773360	435080	3773360	0.234205458	0.214771773	0.448977
4351003773360	435100	3773360	0.272448883	0.241189897	0.513639
4351203773360	435120	3773360	0.32493897	0.270868636	0.595808
4350403773380	435040	3773380	0.189788321	0.17568685	0.365475
4350603773380	435060	3773380	0.214272232	0.198333495	0.412606
4350803773380	435080	3773380	0.246844216	0.223149286	0.469994
4351003773380	435100	3773380	0.293049151	0.251423173	0.544472
4351203773380	435120	3773380	0.363107572	0.28420558	0.647313
4351403773380	435140	3773380	0.476677291	0.322679961	0.799357
4350403773400	435040	3773400	0.193911558	0.18092314	0.374835
4350603773400	435060	3773400	0.219885566	0.205081488	0.424967
4350803773400	435080	3773400	0.255492666	0.23186842	0.487361
4351003773400	435100	3773400	0.308227122	0.262541308	0.570768
4351203773400	435120	3773400	0.395059478	0.29864507	0.693705
4351403773400	435140	3773400	0.565256849	0.343379513	0.908636
4350803773440	435080	3773440	0.256254431	0.254224943	0.510479
4351003773440	435100	3773440	0.306796725	0.290477403	0.597274
4351203773440	435120	3773440	0.386496994	0.332967658	0.719465
4351403773440	435140	3773440	0.527703548	0.385995443	0.913699
4350803773460	435080	3773460	0.249188412	0.269884724	0.519073
4351003773460	435100	3773460	0.292109084	0.309128088	0.601237
4351203773460	435120	3773460	0.353480847	0.354021723	0.707503
4351403773460	435140	3773460	0.443891186	0.410134497	0.854026
4350803773480	435080	3773480	0.239477312	0.291098838	0.530576
4351003773480	435100	3773480	0.274302748	0.334760604	0.609063
4351203773480	435120	3773480	0.319126638	0.385497916	0.704625
4351403773480	435140	3773480	0.378162164	0.442806875	0.820969
4350803773500	435080	3773500	0.228724259	0.321470151	0.550194
4351003773500	435100	3773500	0.25667551	0.371198208	0.627874
4351203773500	435120	3773500	0.290720079	0.424931237	0.715651
4351403773500	435140	3773500	0.331487594	0.486401511	0.817889
4350803773520	435080	3773520	0.218213983	0.366703599	0.584918
4351003773520	435100	3773520	0.240970592	0.425355936	0.666327
4351203773520	435120	3773520	0.267391948	0.485583703	0.752976
4351403773520	435140	3773520	0.29759108	0.550338825	0.84793
4350803773540	435080	3773540	0.208580095	0.442232473	0.650813
4351003773540	435100	3773540	0.227438732	0.516096692	0.743535
4351203773540	435120	3773540	0.248674201	0.58417893	0.832853
4351403773540	435140	3773540	0.272211678	0.652365616	0.924577

Health Risk Assessment Results Sum School Risk max 0.91

Non-dorm or scho 2.56

Sensitive Receptors MAX: 2.56

FOR CHRONIC CALCS

MAX: 0.0800

Unique Identifier	X (UTM)	Y (UTM)	Total Risk	Overlapping Phases - Maximum GLC						
				2023	2024	2025	2026	2027	2028	2029
4364203773640	436420	3773640	0.152662464	0.027591523	0.065583014	0.008239883	0	0	0	0
4364403773640	436440	3773640	0.148544205	0.026833709	0.063782031	0.008017181	0	0	0	0
4364603773640	436460	3773640	0.144502867	0.026107371	0.062055435	0.007802702	0	0	0	0
4364803773640	436480	3773640	0.140865886	0.025420577	0.060423665	0.007601465	0	0	0	0
4365003773640	436500	3773640	0.137225102	0.024759022	0.05885125	0.007406201	0	0	0	0
4365203773640	436520	3773640	0.133905991	0.024127988	0.057352073	0.007220781	0	0	0	0
4365403773640	436540	3773640	0.129847052	0.023504081	0.055866349	0.007031114	0	0	0	0
4365603773640	436560	3773640	0.125899493	0.022905262	0.054440144	0.006848162	0	0	0	0
4365803773640	436580	3773640	0.12295998	0.022352447	0.053126652	0.006685631	0	0	0	0
4364003773660	436400	3773660	0.159286638	0.028811801	0.068483124	0.008592762	0	0	0	0
4364203773660	436420	3773660	0.154628162	0.027992138	0.066534237	0.008350422	0	0	0	0
4364403773660	436440	3773660	0.150641139	0.027222538	0.064706122	0.008125737	0	0	0	0
4364603773660	436460	3773660	0.146561001	0.026482921	0.062948111	0.007907894	0	0	0	0
4364803773660	436480	3773660	0.142758416	0.025779391	0.061276231	0.007701232	0	0	0	0
4365003773660	436500	3773660	0.139360308	0.025114094	0.059696096	0.007507292	0	0	0	0
4365203773660	436520	3773660	0.135241553	0.024451501	0.058119103	0.007307761	0	0	0	0
4365403773660	436540	3773660	0.131691943	0.023829291	0.056639644	0.007122976	0	0	0	0
4365603773660	436560	3773660	0.128418711	0.023236612	0.055230889	0.006947824	0	0	0	0
4365803773660	436580	3773660	0.125095959	0.022665889	0.053873554	0.006777958	0	0	0	0
4364003773680	436400	3773680	0.161281426	0.029203078	0.069412548	0.008699089	0	0	0	0
4364203773680	436420	3773680	0.156542198	0.028368327	0.067427804	0.008452694	0	0	0	0
4364403773680	436440	3773680	0.152391232	0.027585761	0.065568444	0.008224118	0	0	0	0
4364603773680	436460	3773680	0.148268728	0.026833355	0.063780158	0.008003023	0	0	0	0
4364803773680	436480	3773680	0.144388883	0.026116705	0.062077066	0.007792684	0	0	0	0
4365003773680	436500	3773680	0.141006691	0.025438298	0.060466168	0.007595498	0	0	0	0
4365203773680	436520	3773680	0.136491668	0.024756321	0.058841794	0.007388451	0	0	0	0
4365403773680	436540	3773680	0.133120805	0.024129706	0.057352768	0.007204466	0	0	0	0
4365603773680	436560	3773680	0.129915043	0.023529823	0.055927364	0.007028404	0	0	0	0
4365803773680	436580	3773680	0.126381188	0.022941541	0.054527783	0.006852114	0	0	0	0
4364003773700	436400	3773700	0.163097894	0.029566965	0.070276776	0.008795367	0	0	0	0
4364203773700	436420	3773700	0.158300329	0.028718769	0.068260134	0.008545689	0	0	0	0
4364403773700	436440	3773700	0.153953878	0.027918808	0.066358977	0.008311491	0	0	0	0
4364603773700	436460	3773700	0.14987049	0.027157392	0.064549666	0.008088875	0	0	0	0
4364803773700	436480	3773700	0.146046885	0.026432717	0.062827943	0.007877455	0	0	0	0
4365003773700	436500	3773700	0.142358485	0.025738705	0.061178954	0.007674693	0	0	0	0
4365203773700	436520	3773700	0.138048632	0.025050032	0.059539749	0.007467586	0	0	0	0
4365403773700	436540	3773700	0.134663544	0.024414237	0.058029062	0.007281466	0	0	0	0
4365603773700	436560	3773700	0.13140117	0.023804023	0.056579098	0.007102622	0	0	0	0
4365803773700	436580	3773700	0.12807873	0.023213469	0.055175115	0.006927938	0	0	0	0
4364003773720	436400	3773720	0.16470342	0.029900509	0.071068712	0.008880707	0	0	0	0
4364203773720	436420	3773720	0.159754327	0.029040658	0.069023963	0.008627877	0	0	0	0
4364403773720	436440	3773720	0.155365734	0.028229384	0.067095997	0.008390974	0	0	0	0
4364603773720	436460	3773720	0.151338666	0.027456666	0.065260353	0.008166028	0	0	0	0
4364803773720	436480	3773720	0.147344743	0.026717221	0.06350312	0.007949898	0	0	0	0
4365003773720	436500	3773720	0.143708039	0.026016168	0.061837794	0.007746126	0	0	0	0
4365203773720	436520	3773720	0.139507355	0.025325704	0.060194852	0.007540302	0	0	0	0
4365403773720	436540	3773720	0.135971945	0.024676944	0.058652992	0.007349934	0	0	0	0
4365603773720	436560	3773720	0.132986101	0.024064139	0.057198169	0.007172862	0	0	0	0
4365803773720	436580	3773720	0.129927732	0.023473452	0.055795047	0.007000704	0	0	0	0
4364003773740	436400	3773740	0.16598035	0.030201401	0.071782393	0.008954042	0	0	0	0
4364203773740	436420	3773740	0.161122826	0.029330908	0.069713017	0.00869949	0	0	0	0
4364403773740	436440	3773740	0.156696395	0.028509632	0.067761346	0.008460322	0	0	0	0
4364603773740	436460	3773740	0.152516518	0.027727554	0.065902988	0.008232665	0	0	0	0
4364803773740	436480	3773740	0.148468064	0.026978106	0.064121973	0.008013981	0	0	0	0
4365003773740	436500	3773740	0.144709689	0.02626573	0.062429464	0.007806724	0	0	0	0
4365203773740	436520	3773740	0.140225043	0.025557697	0.060743916	0.007594695	0	0	0	0
4365403773740	436540	3773740	0.136571041	0.02489827	0.059176431	0.007400993	0	0	0	0
4365603773740	436560	3773740	0.134143447	0.02429356	0.057743148	0.007230408	0	0	0	0
4365803773740	436580	3773740	0.131562608	0.023706697	0.056351171	0.007062324	0	0	0	0
4364003773760	436400	3773760	0.167136624	0.030466061	0.072410344	0.009015004	0	0	0	0
4364203773760	436420	3773760	0.162288363	0.029588521	0.07032442	0.008759626	0	0	0	0
4364403773760	436440	3773760	0.157871551	0.028760198	0.06835621	0.00851929	0	0	0	0
4364603773760	436460	3773760	0.153621643	0.027968115	0.066473993	0.008289125	0	0	0	0
4364803773760	436480	3773760	0.149720084	0.027217208	0.0646902	0.008071621	0	0	0	0
4365003773760	436500	3773760	0.145880304	0.026494989	0.062974166	0.007861674	0	0	0	0
4365203773760	436520	3773760	0.141173641	0.02577218	0.061252848	0.007645377	0	0	0	0
4365403773760	436540	3773760	0.137504378	0.025106196	0.059669858	0.007450573	0	0	0	0
4365603773760	436560	3773760	0.134962446	0.024495736	0.058222537	0.007277772	0	0	0	0
4365803773760	436580	3773760	0.13226029	0.023899845	0.056808774	0.007106883	0	0	0	0
4364003773780	436400	3773780	0.167914701	0.030693147	0.072948238	0.009062427	0	0	0	0
4364203773780	436420	3773780	0.163127947	0.029811352	0.07085257	0.008807191	0	0	0	0
4364403773780	436440	3773780	0.158688449	0.028975979	0.068867663	0.008565633	0	0	0	0
4364603773780	436460	3773780	0.154687359	0.028182613	0.066983544	0.008337047	0	0	0	0
4364803773780	436480	3773780	0.150769413	0.027425148	0.065184247	0.008118124	0	0	0	0
4365003773780	436500	3773780	0.146771673	0.026691603	0.063440846	0.007905062	0	0	0	0
4365203773780	436520	3773780	0.142053018	0.025966825	0.061714814	0.007689967	0	0	0	0
4365403773780	436540	3773780	0.138308452	0.025292146	0.060111023	0.007493047	0	0	0	0
4365603773780	436560	3773780	0.13581572	0.024675464	0.058649295	0.007318629	0	0	0	0
4365803773780	436580	3773780	0.132766563	0.024067404	0.05720534	0.007142908	0	0	0	0
4364003773800	436400	3773800	0.168653702	0.030882533	0.073397313	0.00909813	0	0	0	0
4364203773800	436420	3773800	0.16401818	0.030002723	0.071306984	0.008844953	0	0	0	0
4364403773800	436440	3773800	0.159552425	0.029161282	0.069307673	0.00860252	0	0	0	0
4364603773800	436460	3773800	0.155331849	0.028359532	0.067402828	0.008371445	0	0	0	0
4364803773800	436480	3773800	0.151234021	0.027590902	0.06557644	0.008149562	0	0	0	0
4365003773800	436500	3773800	0.147319676	0.026855891	0.063829958	0.007937223	0	0	0	0
4365203773800	436520	3773800	0.143409977	0.026146775	0.062144405	0.00773164	0	0	0	0
4365403773800	436540	3773800	0.139914241	0.025476385	0.060551816	0.007537933	0	0	0	0
4365603773800	436560	3773800	0.13653057	0.024832231	0.059021443	0.007351535	0	0	0	0
4365803773800	436580	3773800	0.133327468	0.024212681	0.05754976	0.007172354	0	0	0	0
4350403773340	435040	3773340	0.342955769	0.052628198	0.125171918	0.025514485	0	0	0	0
4350603773340	435060	3773340	0.381694446	0.059169572	0.140717781	0.028339308	0	0	0	0
4350803773340	435080	3773340	0.427147246	0.066763147	0.158771422	0.031315511	0	0	0	0
4351003773340	435100	3773340	0.481057829	0.075572709	0.179726834	0.034441573	0	0	0	0
4351203773340	435120	3773340	0.545867132	0.085807513	0.204087703	0.037756114	0	0	0	0
4350403773360	435040	3773360	0.354814257	0.052914274	0.125880358	0.026757384	0	0	0	0
4350603773360	435060	3773360	0.397471456	0.059680545	0.141969614	0.029863667	0	0	0	0
4350803773360	435080	3773360	0.448977231	0.067674308	0.160988945	0.033156726	0	0	0	0
4351003773360	435100	3773360	0.513638781	0.077314984	0.183945068	0.036723417	0	0	0	0
4351203773360	435120	3773360	0.595807605	0.088737175	0.211175855	0.040524292	0	0	0	0
4350403773380	435040	3773380	0.365475171	0.053002982	0.126116477	0.028107061	0	0	0	0
4350603773380	435060	3773380	0.412605727	0.060092837	0.142982142	0.031621726	0	0	0	0
4350803773380	435080	3773380	0.469993502	0.068415126	0.162796956	0.035265966	0	0	0	0
4351003773380	435100	3773380	0.544472323	0.078559844	0.186980336	0.039180093	0	0	0	0
4351203773380	435120	3773380	0.647313151	0.091073265	0.216869579	0.043476753	0	0	0	0
4351403773380	435140	3773380	0.799357252	0.106553076	0.253966295	0.048327282	0	0	0	0
4350403773400	435040	3773400	0.374834699	0.052949194	0.126008068	0.029626026	0	0	0	0
4350603773400	435060	3773400	0.424967055	0.060148731	0.143139691	0.033527822	0	0	0	0
4350803773400	435080	3773400	0.487361086	0.068782196	0.163703637	0.037610959	0	0	0	0
4351003773400	435100	3773400	0.57076843	0.079494729	0.18925848	0.041992453	0	0	0	0
4351203773400	435120	3773400	0.693704548	0.093089123	0.22177834	0.046847041	0	0	0	0
4351403773400	435140	3773400	0.908636362	0.110988302	0.264849305	0.052701716	0	0	0	0
4350803773440	435080	3773440	0.510479374	0.068996059	0.164212488	0.043832966	0	0	0	0
4351003773440	435100	3773440	0.597274128	0.080579504	0.191815513	0.049412066	0	0	0	0
4351203773440	435120	3773440	0.719464652	0.09578524	0.228110917	0.055357603	0	0	0	0
4351403773440	435140	3773440	0.913698991	0.116577529	0.277887332	0.062202127	0	0	0	0
4350803773460	435080	3773460	0.519073136	0.068924423	0.16401115	0.048250024	0	0	0	0
4351003773460	435100	3773460	0.601237172	0.080665517	0.191952158	0.05457211	0	0	0	0
4351203773460	435120	3773460	0.70750257	0.096136357	0.228790921	0.061000995	0	0	0	0
4351403773460	435140	3773460	0.854025683	0.117670015	0.280088933	0.06817324	0	0	0	0
4350803773480	435080	3773480	0.53057615	0.068813465	0.163704889	0.054238991	0	0	0	0
4351003773480	435100	3773480	0.609063352	0.08074494	0.192059087	0.061690941	0	0	0	0
4351203773480	435120	3773480	0.704624554	0.096944706	0.230545378	0.06938664	0	0	0	0
4351403773480	435140	3773480	0.820969039	0.118606223	0.282003239	0.076700208	0	0	0	0
4350803773500	435080	3773500	0.55019441	0.068669598	0.163316135	0.062821107	0	0	0	0
4351003773500	435100	3773500	0.627873718	0.080732251	0.191949149	0.071898414	0	0	0	0
4351203773500	435120	3773500	0.715651316	0.096765524	0.229993097	0.08046069	0	0	0	0
4351403773500	435140	3773500	0.817889105	0.118902321	0.282491273	0.088665394	0	0	0	0
4350803773520	435080	3773520	0.584917583	0.068308707	0.162415611	0.075689614	0	0	0	0
4351003773520	435100	3773520	0.666326528	0.08043863	0.191184038	0.087233297	0	0	0	0
4351203773520	435120	3773520	0.75297565	0.096584633	0.22945981	0.097546204	0	0	0	0
4351403773520	435140	3773520	0.847929905	0.118785458	0.282061362	0.106602912	0	0	0	0
4350803773540	435080	3773540	0.650812568	0.067758568	0.161071837	0.097190707	0	0	0	0
4351003773540	435100	3773540	0.743535424	0.079987552	0.190056682	0.112967519	0	0	0	0
4351203773540	435120	3773540	0.832853131	0.096110661	0.228254831	0.125482946	0	0	0	0
4351403773540	435140	3773540	0.924577294	0.118308423	0.280818928	0.135479052	0	0	0	0

Health Risk Assessment Resul	School Risk max	0.57	0.34	0.91
	Non-dorm or sc	0.67	0.23	0.89
	MAX:	1.10	0.80	1.90

Unique Identifier	X (UTM)	Y (UTM)	Onroad	Offroad	Total Risk
4350803773560	435080	3773560	0.199959504	0.592384095	0.792344
4351003773560	435100	3773560	0.215942223	0.688225574	0.904168
4351203773560	435120	3773560	0.233495434	0.769063424	1.002559
4351403773560	435140	3773560	0.252514065	0.844485076	1.096999
4350803773580	435080	3773580	0.19237211	0.899492399	1.091865
4351003773580	435100	3773580	0.206175404	1.030392024	1.236567
4351203773580	435120	3773580	0.221125721	1.122927901	1.344054
4351403773580	435140	3773580	0.236282997	1.201683018	1.437966

Health Risk Assessment Results Sum	School Risk max	0.91
	Non-dorm or scho	2.56
Sensitive Receptors	MAX:	2.56

Unique Identifier	X (UTM)	Y (UTM)	Total Risk
4350803773560	435080	3773560	0.792343599
4351003773560	435100	3773560	0.904167797
4351203773560	435120	3773560	1.002558858
4351403773560	435140	3773560	1.096999141
4350803773580	435080	3773580	1.091864509
4351003773580	435100	3773580	1.236567427
4351203773580	435120	3773580	1.344053622
4351403773580	435140	3773580	1.437966015

FOR CHRONIC CALCS

MAX: 0.0800

Overlapping Phases - Maximum GLC						
2023	2024	2025	2026	2027	2028	2029
0.067168217	0.159637631	0.139770678	0	0	0	0
0.079333098	0.188457944	0.161763077	0	0	0	0
0.095529554	0.226812724	0.177830324	0	0	0	0
0.117959586	0.279905223	0.189749662	0	0	0	0
0.066514214	0.158057689	0.226672802	0	0	0	0
0.078631629	0.186755947	0.258568154	0	0	0	0
0.094691553	0.22477627	0.277982107	0	0	0	0
0.117263929	0.278187641	0.290764606	0	0	0	0

CalEEMod Assumptions and Output

Claremont McKenna Phase 1 Construction Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Claremont McKenna Phase 1 Construction
Construction Start Date	8/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	2.40
Location	34.10354503733571, -117.7007727686169
County	San Bernardino-South Coast
City	Upland
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5227
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.24

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Arena	50.0	1000sqft	16.1	50,000	0.00	0.00	—	—

Unenclosed Parking Structure	470	Space	4.23	10,500	0.00	0.00	—	—
Parking Lot	240	Space	2.16	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	29.5	29.4	22.3	69.9	0.13	0.25	2.83	3.07	0.25	0.72	0.97	—	16,535	16,535	1.01	1.02	17.9	16,883
Mit.	2.37	1.77	22.3	69.9	0.13	0.25	2.83	3.07	0.25	0.72	0.97	—	16,535	16,535	1.01	1.02	17.9	16,883
% Reduced	92%	94%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.4	15.3	19.8	62.5	0.11	0.22	2.08	2.30	0.22	0.53	0.75	—	14,037	14,037	0.82	0.76	0.34	14,284
Mit.	1.94	1.50	19.8	62.5	0.11	0.22	2.08	2.30	0.22	0.53	0.75	—	14,037	14,037	0.82	0.76	0.34	14,284
% Reduced	87%	90%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	2.24	2.10	6.20	18.6	0.03	0.06	0.77	0.83	0.06	0.19	0.26	—	4,387	4,387	0.25	0.24	2.02	4,467
Mit.	0.24	0.20	6.20	18.6	0.03	0.06	0.77	0.83	0.06	0.19	0.26	—	4,387	4,387	0.25	0.24	2.02	4,467
% Reduced	89%	91%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.41	0.38	1.13	3.40	0.01	0.01	0.14	0.15	0.01	0.04	0.05	—	726	726	0.04	0.04	0.34	740
Mit.	0.04	0.04	1.13	3.40	0.01	0.01	0.14	0.15	0.01	0.04	0.05	—	726	726	0.04	0.04	0.34	740
% Reduced	89%	91%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.50	0.43	3.33	14.6	0.03	0.04	0.60	0.64	0.04	0.15	0.18	—	3,813	3,813	0.19	0.12	3.11	3,856
2025	29.5	29.4	22.3	69.9	0.13	0.25	2.83	3.07	0.25	0.72	0.97	—	16,535	16,535	1.01	1.02	17.9	16,883
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.61	1.37	14.1	53.9	0.10	0.18	1.72	1.88	0.18	0.43	0.57	—	12,063	12,063	0.60	0.57	0.28	12,178
2025	15.4	15.3	19.8	62.5	0.11	0.22	2.08	2.30	0.22	0.53	0.75	—	14,037	14,037	0.82	0.76	0.34	14,284
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.24	0.20	1.97	7.14	0.02	0.02	0.29	0.31	0.02	0.07	0.09	—	1,831	1,831	0.10	0.08	0.71	1,857
2025	2.24	2.10	6.20	18.6	0.03	0.06	0.77	0.83	0.06	0.19	0.26	—	4,387	4,387	0.25	0.24	2.02	4,467
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.04	0.04	0.36	1.30	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	303	303	0.02	0.01	0.12	307

2025	0.41	0.38	1.13	3.40	0.01	0.01	0.14	0.15	0.01	0.04	0.05	—	726	726	0.04	0.04	0.34	740

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.50	0.43	3.33	14.6	0.03	0.04	0.60	0.64	0.04	0.15	0.18	—	3,813	3,813	0.19	0.12	3.11	3,856
2025	2.37	1.77	22.3	69.9	0.13	0.25	2.83	3.07	0.25	0.72	0.97	—	16,535	16,535	1.01	1.02	17.9	16,883
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.61	1.37	14.1	53.9	0.10	0.18	1.72	1.88	0.18	0.43	0.57	—	12,063	12,063	0.60	0.57	0.28	12,178
2025	1.94	1.50	19.8	62.5	0.11	0.22	2.08	2.30	0.22	0.53	0.75	—	14,037	14,037	0.82	0.76	0.34	14,284
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.24	0.20	1.97	7.14	0.02	0.02	0.29	0.31	0.02	0.07	0.09	—	1,831	1,831	0.10	0.08	0.71	1,857
2025	NaN	NaN	6.20	18.6	0.03	0.06	0.77	0.83	0.06	0.19	0.26	—	4,387	4,387	0.25	0.24	2.02	4,467
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.04	0.04	0.36	1.30	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	303	303	0.02	0.01	0.12	307
2025	NaN	NaN	1.13	3.40	0.01	0.01	0.14	0.15	0.01	0.04	0.05	—	726	726	0.04	0.04	0.34	740

3. Construction Emissions Details

3.1. Site Prep: Roberts Sports Bowl Site (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.29	4.06	0.01	0.01	—	0.01	0.01	—	0.01	—	581	581	0.02	< 0.005	—	583
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.9	15.9	< 0.005	< 0.005	—	16.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.64	2.64	< 0.005	< 0.005	—	2.64
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.64	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	105	105	< 0.005	< 0.005	0.42	106
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	0.14	54.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.71
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.48
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.45
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.25
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Prep: Roberts Sports Bowl Site (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.29	4.06	0.01	0.01	—	0.01	0.01	—	0.01	—	581	581	0.02	< 0.005	—	583
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.9	15.9	< 0.005	< 0.005	—	16.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.64	2.64	< 0.005	< 0.005	—	2.64

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.64	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	105	105	< 0.005	< 0.005	0.42	106
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	0.14	54.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.71
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.48
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.45
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.25
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Site Prep: Street Improvement (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	1.55	5.77	0.01	0.02	—	0.02	0.02	—	0.02	—	826	826	0.03	0.01	—	829
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.4	19.4	< 0.005	< 0.005	—	19.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.21	3.21	< 0.005	< 0.005	—	3.22
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.39	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	76.8	76.8	< 0.005	< 0.005	0.01	77.8
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	< 0.005	54.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.83	1.83	< 0.005	< 0.005	< 0.005	1.86
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.27
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Prep: Street Improvement (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	1.55	5.77	0.01	0.02	—	0.02	0.02	—	0.02	—	826	826	0.03	0.01	—	829
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.4	19.4	< 0.005	< 0.005	—	19.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.21	3.21	< 0.005	< 0.005	—	3.22
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.39	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	76.8	76.8	< 0.005	< 0.005	0.01	77.8
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	< 0.005	54.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.83	1.83	< 0.005	< 0.005	< 0.005	1.86
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.27
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Site Prep: Street Improvement (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	1.55	5.77	0.01	0.02	—	0.02	0.02	—	0.02	—	826	826	0.03	0.01	—	829

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.23	3.23	< 0.005	< 0.005	—	3.24
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.54	0.54	< 0.005	< 0.005	—	0.54
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.36	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	75.1	75.1	< 0.005	< 0.005	0.01	76.2
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	< 0.005	53.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.30
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Site Prep: Street Improvement (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	1.55	5.77	0.01	0.02	—	0.02	0.02	—	0.02	—	826	826	0.03	0.01	—	829
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.23	3.23	< 0.005	< 0.005	—	3.24
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.54	0.54	< 0.005	< 0.005	—	0.54
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.04	0.03	0.03	0.36	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	75.1	75.1	< 0.005	< 0.005	0.01	76.2
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	< 0.005	53.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.30
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Site Prep: Tunnel (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.07	0.78	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	145	145	0.01	< 0.005	—	146
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	173	173	0.01	0.01	0.02	175
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	< 0.005	54.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.80	4.80	< 0.005	< 0.005	0.01	4.87
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.48
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.79	0.79	< 0.005	< 0.005	< 0.005	0.81
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.25
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Site Prep: Tunnel (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.78	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	145	145	0.01	< 0.005	—	146
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	173	173	0.01	0.01	0.02	175
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	< 0.005	54.0

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.80	4.80	< 0.005	< 0.005	0.01	4.87
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.48
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.79	0.79	< 0.005	< 0.005	< 0.005	0.81
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.25
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Grading: Roberts Sports Bowl Site (Rough) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,816	2,816	0.11	0.02	—	2,826
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,816	2,816	0.11	0.02	—	2,826

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.70	3.01	0.01	0.01	—	0.01	0.01	—	0.01	—	766	766	0.03	0.01	—	769
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.55	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	127	127	0.01	< 0.005	—	127
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.24	0.19	3.18	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	523	523	0.02	0.02	2.08	532
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	0.14	54.2
Hauling	0.06	0.01	0.52	0.29	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	422	422	0.05	0.07	0.89	445
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.25	0.23	0.22	2.46	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	480	480	0.03	0.02	0.05	486
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	< 0.005	54.0
Hauling	0.06	0.01	0.54	0.29	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	423	423	0.05	0.07	0.02	444
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.70	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	132	132	0.01	0.01	0.24	134
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.0	14.0	< 0.005	< 0.005	0.02	14.7
Hauling	0.02	< 0.005	0.15	0.08	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	0.01	0.02	0.10	121
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.9	21.9	< 0.005	< 0.005	0.04	22.2
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.32	2.32	< 0.005	< 0.005	< 0.005	2.44
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	20.0

3.10. Grading: Roberts Sports Bowl Site (Rough) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,816	2,816	0.11	0.02	—	2,826
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,816	2,816	0.11	0.02	—	2,826
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.70	3.01	0.01	0.01	—	0.01	0.01	—	0.01	—	766	766	0.03	0.01	—	769
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.55	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	127	127	0.01	< 0.005	—	127
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.24	0.19	3.18	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	523	523	0.02	0.02	2.08	532
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	0.14	54.2
Hauling	0.06	0.01	0.52	0.29	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	422	422	0.05	0.07	0.89	445

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.23	0.22	2.46	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	480	480	0.03	0.02	0.05	486
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	< 0.005	54.0
Hauling	0.06	0.01	0.54	0.29	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	423	423	0.05	0.07	0.02	444
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.70	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	132	132	0.01	0.01	0.24	134
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.0	14.0	< 0.005	< 0.005	0.02	14.7
Hauling	0.02	< 0.005	0.15	0.08	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	0.01	0.02	0.10	121
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.9	21.9	< 0.005	< 0.005	0.04	22.2
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.32	2.32	< 0.005	< 0.005	< 0.005	2.44
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	20.0

3.11. Grading: Roberts Sports Bowl Site (Rough) (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,815	2,815	0.11	0.02	—	2,825

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.1	44.1	< 0.005	< 0.005	—	44.2
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.30	7.30	< 0.005	< 0.005	—	7.32
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.20	0.19	2.26	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	470	470	0.02	0.02	0.05	476
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	< 0.005	53.2
Hauling	0.05	0.01	0.52	0.28	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	415	415	0.04	0.07	0.02	436

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.46	7.46	< 0.005	< 0.005	0.01	7.57
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.80	0.80	< 0.005	< 0.005	< 0.005	0.83
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.50	6.50	< 0.005	< 0.005	0.01	6.84
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.23	1.23	< 0.005	< 0.005	< 0.005	1.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.08	1.08	< 0.005	< 0.005	< 0.005	1.13

3.12. Grading: Roberts Sports Bowl Site (Rough) (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,815	2,815	0.11	0.02	—	2,825
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.1	44.1	< 0.005	< 0.005	—	44.2

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.30	7.30	< 0.005	< 0.005	—	7.32
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.20	0.19	2.26	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	470	470	0.02	0.02	0.05	476
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	< 0.005	53.2
Hauling	0.05	0.01	0.52	0.28	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	415	415	0.04	0.07	0.02	436
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.46	7.46	< 0.005	< 0.005	0.01	7.57
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.80	0.80	< 0.005	< 0.005	< 0.005	0.83
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.50	6.50	< 0.005	< 0.005	0.01	6.84
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.23	1.23	< 0.005	< 0.005	< 0.005	1.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14

Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.08	1.08	< 0.005	< 0.005	< 0.005	1.13

3.13. Grading: Roberts Sports Bowl Site (Fine) (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.40	5.27	22.5	0.03	0.07	—	0.07	0.07	—	0.07	—	3,633	3,633	0.15	0.03	—	3,646
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.40	5.27	22.5	0.03	0.07	—	0.07	0.07	—	0.07	—	3,633	3,633	0.15	0.03	—	3,646
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.65	2.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	448	448	0.02	< 0.005	—	449
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.12	0.51	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.2	74.2	< 0.005	< 0.005	—	74.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.09	1.52	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	266	266	0.01	0.01	0.98	270
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	0.14	53.3
Hauling	0.25	0.04	2.32	1.30	0.01	0.02	0.52	0.54	0.02	0.14	0.17	—	1,936	1,936	0.20	0.32	4.11	2,040
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.10	1.17	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	244	244	0.01	0.01	0.03	248
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	< 0.005	53.2
Hauling	0.25	0.04	2.42	1.31	0.01	0.02	0.52	0.54	0.02	0.14	0.17	—	1,937	1,937	0.20	0.32	0.11	2,037
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.5	30.5	< 0.005	< 0.005	0.05	31.0
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.26	6.26	< 0.005	< 0.005	0.01	6.57
Hauling	0.03	0.01	0.30	0.16	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	239	239	0.03	0.04	0.22	251
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.06	5.06	< 0.005	< 0.005	0.01	5.13
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.09
Hauling	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	39.5	39.5	< 0.005	0.01	0.04	41.6

3.14. Grading: Roberts Sports Bowl Site (Fine) (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.40	0.40	5.27	22.5	0.03	0.07	—	0.07	0.07	—	0.07	—	3,633	3,633	0.15	0.03	—	3,646
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.40	5.27	22.5	0.03	0.07	—	0.07	0.07	—	0.07	—	3,633	3,633	0.15	0.03	—	3,646
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.65	2.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	448	448	0.02	< 0.005	—	449
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.12	0.51	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.2	74.2	< 0.005	< 0.005	—	74.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.09	1.52	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	266	266	0.01	0.01	0.98	270
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	0.14	53.3
Hauling	0.25	0.04	2.32	1.30	0.01	0.02	0.52	0.54	0.02	0.14	0.17	—	1,936	1,936	0.20	0.32	4.11	2,040
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.10	1.17	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	244	244	0.01	0.01	0.03	248

Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	< 0.005	53.2
Hauling	0.25	0.04	2.42	1.31	0.01	0.02	0.52	0.54	0.02	0.14	0.17	—	1,937	1,937	0.20	0.32	0.11	2,037
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.5	30.5	< 0.005	< 0.005	0.05	31.0
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.26	6.26	< 0.005	< 0.005	0.01	6.57
Hauling	0.03	0.01	0.30	0.16	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	239	239	0.03	0.04	0.22	251
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.06	5.06	< 0.005	< 0.005	0.01	5.13
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.09
Hauling	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	39.5	39.5	< 0.005	0.01	0.04	41.6

3.15. Grading: Street Improvements (Fine) (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	2.22	6.76	0.01	0.02	—	0.02	0.02	—	0.02	—	967	967	0.04	0.01	—	971
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.12	0.12	2.22	6.76	0.01	0.02	—	0.02	0.02	—	0.02	—	967	967	0.04	0.01	—	971
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.27	0.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	119	119	< 0.005	< 0.005	—	120
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.59	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	102	102	< 0.005	< 0.005	0.38	104
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	0.14	53.3
Hauling	0.07	0.01	0.66	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	1.18	583

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.45	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.9	93.9	< 0.005	< 0.005	0.01	95.2
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	< 0.005	53.2
Hauling	0.07	0.01	0.69	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	0.03	582
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.02	11.9
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.26	6.26	< 0.005	< 0.005	0.01	6.57
Hauling	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	68.2	68.2	0.01	0.01	0.06	71.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.94	1.94	< 0.005	< 0.005	< 0.005	1.97
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.09
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	0.01	11.9

3.16. Grading: Street Improvements (Fine) (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	2.22	6.76	0.01	0.02	—	0.02	0.02	—	0.02	—	967	967	0.04	0.01	—	971
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	2.22	6.76	0.01	0.02	—	0.02	0.02	—	0.02	—	967	967	0.04	0.01	—	971
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.27	0.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	119	119	< 0.005	< 0.005	—	120
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.59	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	102	102	< 0.005	< 0.005	0.38	104

Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	0.14	53.3
Hauling	0.07	0.01	0.66	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	1.18	583
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.45	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.9	93.9	< 0.005	< 0.005	0.01	95.2
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	< 0.005	53.2
Hauling	0.07	0.01	0.69	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	0.03	582
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.02	11.9
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.26	6.26	< 0.005	< 0.005	0.01	6.57
Hauling	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	68.2	68.2	0.01	0.01	0.06	71.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.94	1.94	< 0.005	< 0.005	< 0.005	1.97
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.09
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	0.01	11.9

3.17. Grading: Tunnel (Rough) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	2.28	7.02	0.01	0.02	—	0.02	0.02	—	0.02	—	1,129	1,129	0.05	0.01	—	1,133

Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	77.3	77.3	< 0.005	< 0.005	—	77.6
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.8	12.8	< 0.005	< 0.005	—	12.8
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	173	173	0.01	0.01	0.02	175
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	< 0.005	54.0
Hauling	0.22	0.03	2.16	1.17	0.01	0.03	0.44	0.48	0.02	0.12	0.14	—	1,690	1,690	0.19	0.27	0.09	1,776

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.0	12.0	< 0.005	< 0.005	0.02	12.2
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.54	3.54	< 0.005	< 0.005	< 0.005	3.70
Hauling	0.02	< 0.005	0.15	0.08	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	116	116	0.01	0.02	0.10	122
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.99	1.99	< 0.005	< 0.005	< 0.005	2.02
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.61
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.2	19.2	< 0.005	< 0.005	0.02	20.2

3.18. Grading: Tunnel (Rough) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	2.28	7.02	0.01	0.02	—	0.02	0.02	—	0.02	—	1,129	1,129	0.05	0.01	—	1,133
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	77.3	77.3	< 0.005	< 0.005	—	77.6

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.8	12.8	< 0.005	< 0.005	—	12.8
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	173	173	0.01	0.01	0.02	175
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.6	51.6	< 0.005	0.01	< 0.005	54.0
Hauling	0.22	0.03	2.16	1.17	0.01	0.03	0.44	0.48	0.02	0.12	0.14	—	1,690	1,690	0.19	0.27	0.09	1,776
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.0	12.0	< 0.005	< 0.005	0.02	12.2
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.54	3.54	< 0.005	< 0.005	< 0.005	3.70
Hauling	0.02	< 0.005	0.15	0.08	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	116	116	0.01	0.02	0.10	122
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.99	1.99	< 0.005	< 0.005	< 0.005	2.02
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.61

Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.2	19.2	< 0.005	< 0.005	0.02	20.2

3.19. Grading: Tunnel (Fine) (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.95	5.05	0.01	0.01	—	0.01	0.01	—	0.01	—	723	723	0.03	0.01	—	725
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.59	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	102	102	< 0.005	< 0.005	0.38	104
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	0.14	53.3
Hauling	0.09	0.01	0.83	0.47	< 0.005	0.01	0.19	0.19	0.01	0.05	0.06	—	691	691	0.07	0.11	1.47	728
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.91	3.91	< 0.005	< 0.005	0.01	3.97
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.09	2.09	< 0.005	< 0.005	< 0.005	2.19
Hauling	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.4	28.4	< 0.005	< 0.005	0.03	29.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.65	0.65	< 0.005	< 0.005	< 0.005	0.66
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.36
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.71	4.71	< 0.005	< 0.005	< 0.005	4.95

3.20. Grading: Tunnel (Fine) (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.95	5.05	0.01	0.01	—	0.01	0.01	—	0.01	—	723	723	0.03	0.01	—	725
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.59	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	102	102	< 0.005	< 0.005	0.38	104
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	0.14	53.3
Hauling	0.09	0.01	0.83	0.47	< 0.005	0.01	0.19	0.19	0.01	0.05	0.06	—	691	691	0.07	0.11	1.47	728
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.91	3.91	< 0.005	< 0.005	0.01	3.97
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.09	2.09	< 0.005	< 0.005	< 0.005	2.19
Hauling	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.4	28.4	< 0.005	< 0.005	0.03	29.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.65	0.65	< 0.005	< 0.005	< 0.005	0.66
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.36
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.71	4.71	< 0.005	< 0.005	< 0.005	4.95

3.21. BC: Structures + Parking (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	3.20	8.92	0.02	0.03	—	0.03	0.03	—	0.03	—	1,650	1,650	0.07	0.01	—	1,656

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.39	1.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	200	200	0.01	< 0.005	—	201
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.2	33.2	< 0.005	< 0.005	—	33.3
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	1.28	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	249	249	0.01	0.01	0.03	253
Vendor	0.03	0.01	0.39	0.21	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	310	310	0.03	0.05	0.02	324
Hauling	0.07	0.01	0.72	0.39	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	563	563	0.06	0.09	0.03	592

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.7	30.7	< 0.005	< 0.005	0.06	31.2
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	37.6	37.6	< 0.005	0.01	0.04	39.4
Hauling	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	68.3	68.3	0.01	0.01	0.06	71.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.08	5.08	< 0.005	< 0.005	0.01	5.16
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.22	6.22	< 0.005	< 0.005	0.01	6.52
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	0.01	11.9

3.22. BC: Structures + Parking (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	3.20	8.92	0.02	0.03	—	0.03	0.03	—	0.03	—	1,650	1,650	0.07	0.01	—	1,656
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.39	1.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	200	200	0.01	< 0.005	—	201

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.2	33.2	< 0.005	< 0.005	—	33.3
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	1.28	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	249	249	0.01	0.01	0.03	253
Vendor	0.03	0.01	0.39	0.21	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	310	310	0.03	0.05	0.02	324
Hauling	0.07	0.01	0.72	0.39	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	563	563	0.06	0.09	0.03	592
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.7	30.7	< 0.005	< 0.005	0.06	31.2
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	37.6	37.6	< 0.005	0.01	0.04	39.4
Hauling	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	68.3	68.3	0.01	0.01	0.06	71.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.08	5.08	< 0.005	< 0.005	0.01	5.16
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.22	6.22	< 0.005	< 0.005	0.01	6.52

Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	0.01	11.9

3.23. BC: Structures + Parking (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	3.20	8.92	0.02	0.03	—	0.03	0.03	—	0.03	—	1,650	1,650	0.07	0.01	—	1,656
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	3.20	8.92	0.02	0.03	—	0.03	0.03	—	0.03	—	1,650	1,650	0.07	0.01	—	1,656
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.11	1.90	5.31	0.01	0.02	—	0.02	0.02	—	0.02	—	982	982	0.04	0.01	—	985

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.35	0.97	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	163	163	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.09	1.52	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	266	266	0.01	0.01	0.98	270
Vendor	0.03	0.01	0.36	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.05	0.85	320
Hauling	0.07	0.01	0.66	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	1.18	583
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.10	1.17	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	244	244	0.01	0.01	0.03	248
Vendor	0.03	0.01	0.37	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.05	0.02	319
Hauling	0.07	0.01	0.69	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	0.03	582
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.73	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	147	147	0.01	0.01	0.25	150
Vendor	0.02	0.01	0.22	0.12	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	181	181	0.01	0.03	0.22	190
Hauling	0.04	0.01	0.42	0.22	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	329	329	0.03	0.05	0.30	346

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24.4	24.4	< 0.005	< 0.005	0.04	24.8
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.0	30.0	< 0.005	< 0.005	0.04	31.5
Hauling	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	54.5	54.5	0.01	0.01	0.05	57.3

3.24. BC: Structures + Parking (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	3.20	8.92	0.02	0.03	—	0.03	0.03	—	0.03	—	1,650	1,650	0.07	0.01	—	1,656
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	3.20	8.92	0.02	0.03	—	0.03	0.03	—	0.03	—	1,650	1,650	0.07	0.01	—	1,656
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.11	0.11	1.90	5.31	0.01	0.02	—	0.02	0.02	—	0.02	—	982	982	0.04	0.01	—	985
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.35	0.97	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	163	163	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.09	1.52	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	266	266	0.01	0.01	0.98	270
Vendor	0.03	0.01	0.36	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.05	0.85	320
Hauling	0.07	0.01	0.66	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	1.18	583
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.10	1.17	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	244	244	0.01	0.01	0.03	248
Vendor	0.03	0.01	0.37	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.05	0.02	319
Hauling	0.07	0.01	0.69	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	0.03	582
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.73	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	147	147	0.01	0.01	0.25	150

Vendor	0.02	0.01	0.22	0.12	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	181	181	0.01	0.03	0.22	190
Hauling	0.04	0.01	0.42	0.22	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	329	329	0.03	0.05	0.30	346
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24.4	24.4	< 0.005	< 0.005	0.04	24.8
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.0	30.0	< 0.005	< 0.005	0.04	31.5
Hauling	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	54.5	54.5	0.01	0.01	0.05	57.3

3.25. BC: Street Improvements (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	1.61	6.03	0.01	0.02	—	0.02	0.02	—	0.02	—	864	864	0.04	0.01	—	867
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.35	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	189	189	0.01	< 0.005	—	190
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.4	31.4	< 0.005	< 0.005	—	31.5

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.94	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	164	164	0.01	0.01	0.60	166
Vendor	0.03	0.01	0.36	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.05	0.85	320
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.4	33.4	< 0.005	< 0.005	0.06	33.9
Vendor	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	66.8	66.8	0.01	0.01	0.08	70.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.53	5.53	< 0.005	< 0.005	0.01	5.61
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.26. BC: Street Improvements (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.10	0.10	1.61	6.03	0.01	0.02	—	0.02	0.02	—	0.02	—	864	864	0.04	0.01	—	867
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.35	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	189	189	0.01	< 0.005	—	190
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.4	31.4	< 0.005	< 0.005	—	31.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.94	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	164	164	0.01	0.01	0.60	166
Vendor	0.03	0.01	0.36	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.05	0.85	320
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.4	33.4	< 0.005	< 0.005	0.06	33.9
Vendor	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	66.8	66.8	0.01	0.01	0.08	70.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.53	5.53	< 0.005	< 0.005	0.01	5.61
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.27. BC: Roberts Sports Bowl Utilities (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,587	1,587	0.06	0.01	—	1,592
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.08	3.08	< 0.005	< 0.005	—	3.10
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.79	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	154	154	0.01	0.01	0.02	156
Vendor	0.03	0.01	0.39	0.21	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	310	310	0.03	0.05	0.02	324
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.83	1.83	< 0.005	< 0.005	< 0.005	1.86
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.64	3.64	< 0.005	< 0.005	< 0.005	3.81
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.60	0.60	< 0.005	< 0.005	< 0.005	0.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.28. BC: Roberts Sports Bowl Utilities (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,587	1,587	0.06	0.01	—	1,592

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.08	3.08	< 0.005	< 0.005	—	3.10
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.79	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	154	154	0.01	0.01	0.02	156
Vendor	0.03	0.01	0.39	0.21	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	310	310	0.03	0.05	0.02	324
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.83	1.83	< 0.005	< 0.005	< 0.005	1.86
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.64	3.64	< 0.005	< 0.005	< 0.005	3.81
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.60	0.60	< 0.005	< 0.005	< 0.005	0.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.29. BC: Roberts Sports Bowl Utilities (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,587	1,587	0.06	0.01	—	1,592
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.43	1.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	264	264	0.01	< 0.005	—	265
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.7	43.7	< 0.005	< 0.005	—	43.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.07	0.06	0.72	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	150	150	0.01	0.01	0.02	152
Vendor	0.03	0.01	0.37	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.05	0.02	319
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.4	25.4	< 0.005	< 0.005	0.04	25.7
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.7	50.7	< 0.005	0.01	0.06	53.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.20	4.20	< 0.005	< 0.005	0.01	4.26
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.39	8.39	< 0.005	< 0.005	0.01	8.80
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.30. BC: Roberts Sports Bowl Utilities (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,587	1,587	0.06	0.01	—	1,592
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03	0.03	0.43	1.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	264	264	0.01	< 0.005	—	265
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.7	43.7	< 0.005	< 0.005	—	43.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.72	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	150	150	0.01	0.01	0.02	152
Vendor	0.03	0.01	0.37	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.05	0.02	319
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.4	25.4	< 0.005	< 0.005	0.04	25.7
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.7	50.7	< 0.005	0.01	0.06	53.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.20	4.20	< 0.005	< 0.005	0.01	4.26
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.39	8.39	< 0.005	< 0.005	0.01	8.80
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.31. BC: Pathways + Parking (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.81	3.02	0.01	0.01	—	0.01	0.01	—	0.01	—	514	514	0.02	< 0.005	—	515
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.18	0.66	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	113	113	< 0.005	< 0.005	—	113
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.08	1.41	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	246	246	0.01	0.01	0.91	250
Vendor	0.03	0.01	0.30	0.16	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	254	254	0.02	0.04	0.71	267
Hauling	0.07	0.01	0.66	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	1.18	583
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	50.1	50.1	< 0.005	< 0.005	0.09	50.9
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	55.7	55.7	< 0.005	0.01	0.07	58.4
Hauling	0.02	< 0.005	0.15	0.08	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	121	121	0.01	0.02	0.11	128
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.30	8.30	< 0.005	< 0.005	0.01	8.42
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.22	9.22	< 0.005	< 0.005	0.01	9.66
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	20.1	20.1	< 0.005	< 0.005	0.02	21.1

3.32. BC: Pathways + Parking (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.05	0.05	0.81	3.02	0.01	0.01	—	0.01	0.01	—	0.01	—	514	514	0.02	< 0.005	—	515
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.18	0.66	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	113	113	< 0.005	< 0.005	—	113
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.7
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.08	1.41	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	246	246	0.01	0.01	0.91	250

Vendor	0.03	0.01	0.30	0.16	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	254	254	0.02	0.04	0.71	267
Hauling	0.07	0.01	0.66	0.37	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	553	553	0.06	0.09	1.18	583
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	50.1	50.1	< 0.005	< 0.005	0.09	50.9
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	55.7	55.7	< 0.005	0.01	0.07	58.4
Hauling	0.02	< 0.005	0.15	0.08	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	121	121	0.01	0.02	0.11	128
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.30	8.30	< 0.005	< 0.005	0.01	8.42
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.22	9.22	< 0.005	< 0.005	0.01	9.66
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	20.1	20.1	< 0.005	< 0.005	0.02	21.1

3.33. BC: Tunnel (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	1.15	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	1,214	1,214	0.05	0.01	—	1,218
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.03	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28.5	28.5	< 0.005	< 0.005	—	28.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.72	4.72	< 0.005	< 0.005	—	4.73
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	1.28	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	249	249	0.01	0.01	0.03	253
Vendor	0.03	0.01	0.32	0.17	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	258	258	0.02	0.04	0.02	270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.94	5.94	< 0.005	< 0.005	0.01	6.03
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	0.01	6.35
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.00	1.00	< 0.005	< 0.005	< 0.005	1.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.34. BC: Tunnel (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	1.15	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	1,214	1,214	0.05	0.01	—	1,218
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28.5	28.5	< 0.005	< 0.005	—	28.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.72	4.72	< 0.005	< 0.005	—	4.73
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	1.28	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	249	249	0.01	0.01	0.03	253
Vendor	0.03	0.01	0.32	0.17	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	258	258	0.02	0.04	0.02	270

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.94	5.94	< 0.005	< 0.005	0.01	6.03
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	0.01	6.35
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.00	1.00	< 0.005	< 0.005	< 0.005	1.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.35. BC: Tunnel (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	1.15	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	1,214	1,214	0.05	0.01	—	1,218
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	1.15	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	1,214	1,214	0.05	0.01	—	1,218
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.04	0.45	2.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	470	470	0.02	< 0.005	—	472
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	77.9	77.9	< 0.005	< 0.005	—	78.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.09	1.52	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	266	266	0.01	0.01	0.98	270
Vendor	0.03	0.01	0.30	0.16	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	254	254	0.02	0.04	0.71	267
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.10	1.17	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	244	244	0.01	0.01	0.03	248
Vendor	0.03	0.01	0.31	0.17	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	254	254	0.02	0.04	0.02	266
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.48	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.0	96.0	< 0.005	< 0.005	0.16	97.4
Vendor	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	98.4	98.4	0.01	0.01	0.12	103
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.9	15.9	< 0.005	< 0.005	0.03	16.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.3	16.3	< 0.005	< 0.005	0.02	17.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.36. BC: Tunnel (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	1.15	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	1,214	1,214	0.05	0.01	—	1,218
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	1.15	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	1,214	1,214	0.05	0.01	—	1,218
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.45	2.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	470	470	0.02	< 0.005	—	472
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	77.9	77.9	< 0.005	< 0.005	—	78.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.09	1.52	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	266	266	0.01	0.01	0.98	270
Vendor	0.03	0.01	0.30	0.16	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	254	254	0.02	0.04	0.71	267
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.10	1.17	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	244	244	0.01	0.01	0.03	248
Vendor	0.03	0.01	0.31	0.17	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	254	254	0.02	0.04	0.02	266
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.48	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.0	96.0	< 0.005	< 0.005	0.16	97.4
Vendor	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	98.4	98.4	0.01	0.01	0.12	103
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.9	15.9	< 0.005	< 0.005	0.03	16.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.3	16.3	< 0.005	< 0.005	0.02	17.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.37. Arch Coating: Structures (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.05	0.05	1.38	2.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	295	295	0.01	< 0.005	—	296
Architectural Coatings	14.8	14.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.38	2.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	295	295	0.01	< 0.005	—	296
Architectural Coatings	14.8	14.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.11	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.6	22.6	< 0.005	< 0.005	—	22.7
Architectural Coatings	1.14	1.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.75	3.75	< 0.005	< 0.005	—	3.76
Architectural Coatings	0.21	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.07	1.17	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	205	205	0.01	0.01	0.76	208
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.90	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	188	188	0.01	0.01	0.02	190
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.03	14.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	< 0.005	2.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.38. Arch Coating: Structures (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.05	0.05	1.38	2.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	295	295	0.01	< 0.005	—	296
Architectural Coatings	NaN	NaN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.38	2.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	295	295	0.01	< 0.005	—	296
Architectural Coatings	NaN	NaN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.11	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.6	22.6	< 0.005	< 0.005	—	22.7
Architectural Coatings	NaN	NaN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.75	3.75	< 0.005	< 0.005	—	3.76
Architectural Coatings	NaN	NaN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.07	1.17	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	205	205	0.01	0.01	0.76	208
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.90	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	188	188	0.01	0.01	0.02	190
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.03	14.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	< 0.005	2.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.39. Arch Coating: Street Improvements (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.05	0.05	0.81	3.02	0.01	0.01	—	0.01	0.01	—	0.01	—	514	514	0.02	< 0.005	—	515
Architectural Coatings	14.0	14.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.9	16.9	< 0.005	< 0.005	—	16.9
Architectural Coatings	0.46	0.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Architectural Coatings	0.08	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.47	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	81.9	81.9	< 0.005	< 0.005	0.30	83.2
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	0.14	53.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.51	2.51	< 0.005	< 0.005	< 0.005	2.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.67	1.67	< 0.005	< 0.005	< 0.005	1.75
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.41	0.41	< 0.005	< 0.005	< 0.005	0.42
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.29
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.40. Arch Coating: Street Improvements (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.81	3.02	0.01	0.01	—	0.01	0.01	—	0.01	—	514	514	0.02	< 0.005	—	515
Architectural Coatings	NaN	NaN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.03	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.9	16.9	< 0.005	< 0.005	—	16.9
Architectural Coatings	NaN	NaN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Architectural Coatings	NaN	NaN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.47	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	81.9	81.9	< 0.005	< 0.005	0.30	83.2
Vendor	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.8	50.8	< 0.005	0.01	0.14	53.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.51	2.51	< 0.005	< 0.005	< 0.005	2.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.67	1.67	< 0.005	< 0.005	< 0.005	1.75
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.41	0.41	< 0.005	< 0.005	< 0.005	0.42

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.29
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Prep: Roberts Sports Bowl Site	Site Preparation	8/1/2024	8/14/2024	5.00	10.0	—

Site Prep: Street Improvement	Site Preparation	12/20/2024	1/2/2025	5.00	10.0	—
Site Prep: Tunnel	Site Preparation	11/1/2024	11/14/2024	5.00	10.0	—
Grading: Roberts Sports Bowl Site (Rough)	Grading	8/15/2024	1/8/2025	5.00	105	—
Grading: Roberts Sports Bowl Site (Fine)	Grading	3/13/2025	5/14/2025	5.00	45.0	—
Grading: Street Improvements (Fine)	Grading	3/26/2025	5/27/2025	5.00	45.0	—
Grading: Tunnel (Rough)	Grading	11/15/2024	12/19/2024	5.00	25.0	—
Grading: Tunnel (Fine)	Grading	4/25/2025	5/15/2025	5.00	15.0	—
BC: Structures + Parking	Building Construction	10/31/2024	10/31/2025	5.00	262	—
BC: Street Improvements	Building Construction	4/30/2025	8/19/2025	5.00	80.0	—
BC: Roberts Sports Bowl Utilities	Building Construction	12/26/2024	3/26/2025	5.00	65.0	—
BC: Pathways + Parking	Building Construction	5/1/2025	8/20/2025	5.00	80.0	—
BC: Tunnel	Building Construction	12/20/2024	7/17/2025	5.00	150	—
Arch Coating: Structures	Architectural Coating	9/1/2025	10/8/2025	5.00	28.0	—
Arch Coating: Street Improvements	Architectural Coating	9/15/2025	9/30/2025	5.00	12.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Prep: Roberts Sports Bowl Site	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Site Prep: Street Improvement	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Site Prep: Street Improvement	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37

Site Prep: Tunnel	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Prep: Tunnel	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading: Roberts Sports Bowl Site (Rough)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading: Roberts Sports Bowl Site (Rough)	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Grading: Roberts Sports Bowl Site (Rough)	Dumpers/Tenders	Diesel	Tier 4 Final	20.0	8.00	16.0	0.38
Grading: Roberts Sports Bowl Site (Rough)	Crushing/Proc. Equipment	Diesel	Tier 4 Final	3.00	8.00	12.0	0.85
Grading: Roberts Sports Bowl Site (Fine)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading: Roberts Sports Bowl Site (Fine)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading: Roberts Sports Bowl Site (Fine)	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Grading: Roberts Sports Bowl Site (Fine)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading: Roberts Sports Bowl Site (Fine)	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	82.0	0.42
Grading: Street Improvements (Fine)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading: Street Improvements (Fine)	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
Grading: Street Improvements (Fine)	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading: Tunnel (Rough)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading: Tunnel (Rough)	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38

Grading: Tunnel (Rough)	Tractors/Loaders/Backh	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading: Tunnel (Rough)	Dumpers/Tenders	Diesel	Tier 4 Final	2.00	8.00	16.0	0.38
Grading: Tunnel (Fine)	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading: Tunnel (Fine)	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Structures + Parking	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74
BC: Structures + Parking	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
BC: Structures + Parking	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
BC: Structures + Parking	Aerial Lifts	Diesel	Tier 4 Final	2.00	8.00	46.0	0.31
BC: Street Improvements	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Street Improvements	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
BC: Street Improvements	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Roberts Sports Bowl Utilities	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
BC: Roberts Sports Bowl Utilities	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
BC: Roberts Sports Bowl Utilities	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Pathways + Parking	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Pathways + Parking	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
BC: Pathways + Parking	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74
BC: Tunnel	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74
BC: Tunnel	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29

BC: Tunnel	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Arch Coating: Structures	Aerial Lifts	Diesel	Tier 4 Final	2.00	8.00	46.0	0.31
Arch Coating: Street Improvements	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Arch Coating: Street Improvements	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Arch Coating: Street Improvements	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Prep: Roberts Sports Bowl Site	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Site Prep: Street Improvement	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Site Prep: Street Improvement	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
Site Prep: Tunnel	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Prep: Tunnel	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading: Roberts Sports Bowl Site (Rough)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading: Roberts Sports Bowl Site (Rough)	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Grading: Roberts Sports Bowl Site (Rough)	Dumpers/Tenders	Diesel	Tier 4 Final	20.0	8.00	16.0	0.38
Grading: Roberts Sports Bowl Site (Rough)	Crushing/Proc. Equipment	Diesel	Tier 4 Final	3.00	8.00	12.0	0.85

Grading: Roberts Sports Bowl Site (Fine)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading: Roberts Sports Bowl Site (Fine)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading: Roberts Sports Bowl Site (Fine)	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Grading: Roberts Sports Bowl Site (Fine)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading: Roberts Sports Bowl Site (Fine)	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	82.0	0.42
Grading: Street Improvements (Fine)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading: Street Improvements (Fine)	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
Grading: Street Improvements (Fine)	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading: Tunnel (Rough)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading: Tunnel (Rough)	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading: Tunnel (Rough)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading: Tunnel (Rough)	Dumpers/Tenders	Diesel	Tier 4 Final	2.00	8.00	16.0	0.38
Grading: Tunnel (Fine)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading: Tunnel (Fine)	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Structures + Parking	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74
BC: Structures + Parking	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
BC: Structures + Parking	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29

BC: Structures + Parking	Aerial Lifts	Diesel	Tier 4 Final	2.00	8.00	46.0	0.31
BC: Street Improvements	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Street Improvements	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
BC: Street Improvements	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Roberts Sports Bowl Utilities	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
BC: Roberts Sports Bowl Utilities	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
BC: Roberts Sports Bowl Utilities	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Pathways + Parking	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Pathways + Parking	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
BC: Pathways + Parking	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74
BC: Tunnel	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74
BC: Tunnel	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
BC: Tunnel	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Arch Coating: Structures	Aerial Lifts	Diesel	Tier 4 Final	2.00	8.00	46.0	0.31
Arch Coating: Street Improvements	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Arch Coating: Street Improvements	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Arch Coating: Street Improvements	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Prep: Roberts Sports Bowl Site	—	—	—	—
Site Prep: Roberts Sports Bowl Site	Worker	10.0	13.4	LDA,LDT1,LDT2
Site Prep: Roberts Sports Bowl Site	Vendor	2.00	8.33	HHDT,MHDT
Site Prep: Roberts Sports Bowl Site	Hauling	0.00	20.0	HHDT
Site Prep: Roberts Sports Bowl Site	Onsite truck	0.00	—	HHDT
Site Prep: Street Improvement	—	—	—	—
Site Prep: Street Improvement	Worker	8.00	13.4	LDA,LDT1,LDT2
Site Prep: Street Improvement	Vendor	2.00	8.33	HHDT,MHDT
Site Prep: Street Improvement	Hauling	0.00	20.0	HHDT
Site Prep: Street Improvement	Onsite truck	0.00	—	HHDT
Site Prep: Tunnel	—	—	—	—
Site Prep: Tunnel	Worker	18.0	13.4	LDA,LDT1,LDT2
Site Prep: Tunnel	Vendor	2.00	8.33	HHDT,MHDT
Site Prep: Tunnel	Hauling	0.00	20.0	HHDT
Site Prep: Tunnel	Onsite truck	0.00	—	HHDT
Grading: Roberts Sports Bowl Site (Rough)	—	—	—	—
Grading: Roberts Sports Bowl Site (Rough)	Worker	50.0	13.4	LDA,LDT1,LDT2
Grading: Roberts Sports Bowl Site (Rough)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Roberts Sports Bowl Site (Rough)	Hauling	6.00	20.0	HHDT
Grading: Roberts Sports Bowl Site (Rough)	Onsite truck	0.00	—	HHDT
Grading: Roberts Sports Bowl Site (Fine)	—	—	—	—

Grading: Roberts Sports Bowl Site (Fine)	Worker	26.0	13.4	LDA,LDT1,LDT2
Grading: Roberts Sports Bowl Site (Fine)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Roberts Sports Bowl Site (Fine)	Hauling	28.0	20.0	HHDT
Grading: Roberts Sports Bowl Site (Fine)	Onsite truck	0.00	—	HHDT
Grading: Street Improvements (Fine)	—	—	—	—
Grading: Street Improvements (Fine)	Worker	10.0	13.4	LDA,LDT1,LDT2
Grading: Street Improvements (Fine)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Street Improvements (Fine)	Hauling	8.00	20.0	HHDT
Grading: Street Improvements (Fine)	Onsite truck	0.00	—	HHDT
Grading: Tunnel (Rough)	—	—	—	—
Grading: Tunnel (Rough)	Worker	18.0	13.4	LDA,LDT1,LDT2
Grading: Tunnel (Rough)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Tunnel (Rough)	Hauling	24.0	20.0	HHDT
Grading: Tunnel (Rough)	Onsite truck	—	—	HHDT
Grading: Tunnel (Fine)	—	—	—	—
Grading: Tunnel (Fine)	Worker	10.0	13.4	LDA,LDT1,LDT2
Grading: Tunnel (Fine)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Tunnel (Fine)	Hauling	10.0	20.0	HHDT
Grading: Tunnel (Fine)	Onsite truck	—	—	HHDT
BC: Structures + Parking	—	—	—	—
BC: Structures + Parking	Worker	26.0	13.4	LDA,LDT1,LDT2
BC: Structures + Parking	Vendor	12.0	8.33	HHDT,MHDT
BC: Structures + Parking	Hauling	8.00	20.0	HHDT
BC: Structures + Parking	Onsite truck	0.00	—	HHDT
BC: Street Improvements	—	—	—	—

BC: Street Improvements	Worker	16.0	13.4	LDA,LDT1,LDT2
BC: Street Improvements	Vendor	12.0	8.33	HHDT,MHDT
BC: Street Improvements	Hauling	0.00	20.0	HHDT
BC: Street Improvements	Onsite truck	0.00	—	HHDT
BC: Roberts Sports Bowl Utilities	—	—	—	—
BC: Roberts Sports Bowl Utilities	Worker	16.0	13.4	LDA,LDT1,LDT2
BC: Roberts Sports Bowl Utilities	Vendor	12.0	8.33	HHDT,MHDT
BC: Roberts Sports Bowl Utilities	Hauling	0.00	20.0	HHDT
BC: Roberts Sports Bowl Utilities	Onsite truck	0.00	—	HHDT
BC: Pathways + Parking	—	—	—	—
BC: Pathways + Parking	Worker	24.0	13.4	LDA,LDT1,LDT2
BC: Pathways + Parking	Vendor	10.0	8.33	HHDT,MHDT
BC: Pathways + Parking	Hauling	8.00	20.0	HHDT
BC: Pathways + Parking	Onsite truck	—	—	HHDT
BC: Tunnel	—	—	—	—
BC: Tunnel	Worker	26.0	13.4	LDA,LDT1,LDT2
BC: Tunnel	Vendor	10.0	8.33	HHDT,MHDT
BC: Tunnel	Hauling	0.00	20.0	HHDT
BC: Tunnel	Onsite truck	0.00	—	HHDT
Arch Coating: Structures	—	—	—	—
Arch Coating: Structures	Worker	20.0	13.4	LDA,LDT1,LDT2
Arch Coating: Structures	Vendor	0.00	8.33	HHDT,MHDT
Arch Coating: Structures	Hauling	0.00	20.0	HHDT
Arch Coating: Structures	Onsite truck	0.00	—	HHDT
Arch Coating: Street Improvements	—	—	—	—
Arch Coating: Street Improvements	Worker	8.00	13.4	LDA,LDT1,LDT2
Arch Coating: Street Improvements	Vendor	2.00	8.33	HHDT,MHDT

Arch Coating: Street Improvements	Hauling	0.00	20.0	HHDT
Arch Coating: Street Improvements	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Prep: Roberts Sports Bowl Site	—	—	—	—
Site Prep: Roberts Sports Bowl Site	Worker	10.0	13.4	LDA,LDT1,LDT2
Site Prep: Roberts Sports Bowl Site	Vendor	2.00	8.33	HHDT,MHDT
Site Prep: Roberts Sports Bowl Site	Hauling	0.00	20.0	HHDT
Site Prep: Roberts Sports Bowl Site	Onsite truck	0.00	—	HHDT
Site Prep: Street Improvement	—	—	—	—
Site Prep: Street Improvement	Worker	8.00	13.4	LDA,LDT1,LDT2
Site Prep: Street Improvement	Vendor	2.00	8.33	HHDT,MHDT
Site Prep: Street Improvement	Hauling	0.00	20.0	HHDT
Site Prep: Street Improvement	Onsite truck	0.00	—	HHDT
Site Prep: Tunnel	—	—	—	—
Site Prep: Tunnel	Worker	18.0	13.4	LDA,LDT1,LDT2
Site Prep: Tunnel	Vendor	2.00	8.33	HHDT,MHDT
Site Prep: Tunnel	Hauling	0.00	20.0	HHDT
Site Prep: Tunnel	Onsite truck	0.00	—	HHDT
Grading: Roberts Sports Bowl Site (Rough)	—	—	—	—
Grading: Roberts Sports Bowl Site (Rough)	Worker	50.0	13.4	LDA,LDT1,LDT2
Grading: Roberts Sports Bowl Site (Rough)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Roberts Sports Bowl Site (Rough)	Hauling	6.00	20.0	HHDT

Grading: Roberts Sports Bowl Site (Rough)	Onsite truck	0.00	—	HHDT
Grading: Roberts Sports Bowl Site (Fine)	—	—	—	—
Grading: Roberts Sports Bowl Site (Fine)	Worker	26.0	13.4	LDA,LDT1,LDT2
Grading: Roberts Sports Bowl Site (Fine)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Roberts Sports Bowl Site (Fine)	Hauling	28.0	20.0	HHDT
Grading: Roberts Sports Bowl Site (Fine)	Onsite truck	0.00	—	HHDT
Grading: Street Improvements (Fine)	—	—	—	—
Grading: Street Improvements (Fine)	Worker	10.0	13.4	LDA,LDT1,LDT2
Grading: Street Improvements (Fine)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Street Improvements (Fine)	Hauling	8.00	20.0	HHDT
Grading: Street Improvements (Fine)	Onsite truck	0.00	—	HHDT
Grading: Tunnel (Rough)	—	—	—	—
Grading: Tunnel (Rough)	Worker	18.0	13.4	LDA,LDT1,LDT2
Grading: Tunnel (Rough)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Tunnel (Rough)	Hauling	24.0	20.0	HHDT
Grading: Tunnel (Rough)	Onsite truck	—	—	HHDT
Grading: Tunnel (Fine)	—	—	—	—
Grading: Tunnel (Fine)	Worker	10.0	13.4	LDA,LDT1,LDT2
Grading: Tunnel (Fine)	Vendor	2.00	8.33	HHDT,MHDT
Grading: Tunnel (Fine)	Hauling	10.0	20.0	HHDT
Grading: Tunnel (Fine)	Onsite truck	—	—	HHDT
BC: Structures + Parking	—	—	—	—
BC: Structures + Parking	Worker	26.0	13.4	LDA,LDT1,LDT2
BC: Structures + Parking	Vendor	12.0	8.33	HHDT,MHDT

BC: Structures + Parking	Hauling	8.00	20.0	HHDT
BC: Structures + Parking	Onsite truck	0.00	—	HHDT
BC: Street Improvements	—	—	—	—
BC: Street Improvements	Worker	16.0	13.4	LDA,LDT1,LDT2
BC: Street Improvements	Vendor	12.0	8.33	HHDT,MHDT
BC: Street Improvements	Hauling	0.00	20.0	HHDT
BC: Street Improvements	Onsite truck	0.00	—	HHDT
BC: Roberts Sports Bowl Utilities	—	—	—	—
BC: Roberts Sports Bowl Utilities	Worker	16.0	13.4	LDA,LDT1,LDT2
BC: Roberts Sports Bowl Utilities	Vendor	12.0	8.33	HHDT,MHDT
BC: Roberts Sports Bowl Utilities	Hauling	0.00	20.0	HHDT
BC: Roberts Sports Bowl Utilities	Onsite truck	0.00	—	HHDT
BC: Pathways + Parking	—	—	—	—
BC: Pathways + Parking	Worker	24.0	13.4	LDA,LDT1,LDT2
BC: Pathways + Parking	Vendor	10.0	8.33	HHDT,MHDT
BC: Pathways + Parking	Hauling	8.00	20.0	HHDT
BC: Pathways + Parking	Onsite truck	—	—	HHDT
BC: Tunnel	—	—	—	—
BC: Tunnel	Worker	26.0	13.4	LDA,LDT1,LDT2
BC: Tunnel	Vendor	10.0	8.33	HHDT,MHDT
BC: Tunnel	Hauling	0.00	20.0	HHDT
BC: Tunnel	Onsite truck	0.00	—	HHDT
Arch Coating: Structures	—	—	—	—
Arch Coating: Structures	Worker	20.0	13.4	LDA,LDT1,LDT2
Arch Coating: Structures	Vendor	0.00	8.33	HHDT,MHDT
Arch Coating: Structures	Hauling	0.00	20.0	HHDT
Arch Coating: Structures	Onsite truck	0.00	—	HHDT

Arch Coating: Street Improvements	—	—	—	—
Arch Coating: Street Improvements	Worker	8.00	13.4	LDA,LDT1,LDT2
Arch Coating: Street Improvements	Vendor	2.00	8.33	HHDT,MHDT
Arch Coating: Street Improvements	Hauling	0.00	20.0	HHDT
Arch Coating: Street Improvements	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Arch Coating: Structures	0.00	0.00	59,265	18,444	11,883
Arch Coating: Street Improvements	0.00	0.00	24,026	7,477	4,818

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Grading: Roberts Sports Bowl Site (Rough)	0.00	3,700	8.53	0.00	—
Grading: Street Improvements (Fine)	8,000	1,000	20.8	0.00	—
Grading: Tunnel (Rough)	0.00	4,300	9.91	0.00	—
Grading: Tunnel (Fine)	0.00	1,000	2.31	0.00	—
BC: Structures + Parking	16,000	0.00	36.9	0.00	—

BC: Pathways + Parking	4,000	0.00	9.22	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Arena	0.00	0%
Unenclosed Parking Structure	4.23	100%
Parking Lot	2.16	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	20.9	annual days of extreme heat
Extreme Precipitation	6.20	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	8.23	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2

Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	88.7
AQ-PM	95.3
AQ-DPM	80.9
Drinking Water	97.1
Lead Risk Housing	31.1
Pesticides	2.66
Toxic Releases	58.9
Traffic	29.8
Effect Indicators	—
CleanUp Sites	43.6

Groundwater	10.6
Haz Waste Facilities/Generators	46.8
Impaired Water Bodies	12.5
Solid Waste	39.3
Sensitive Population	—
Asthma	60.1
Cardio-vascular	70.9
Low Birth Weights	64.5
Socioeconomic Factor Indicators	—
Education	40.1
Housing	69.5
Linguistic	54.6
Poverty	64.9
Unemployment	29.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	19.74849224
Employed	14.1537277
Median HI	26.85743616
Education	—
Bachelor's or higher	76.02977031
High school enrollment	100
Preschool enrollment	57.52598486
Transportation	—

Auto Access	68.11240857
Active commuting	41.48594893
Social	—
2-parent households	77.65943796
Voting	45.33555755
Neighborhood	—
Alcohol availability	19.50468369
Park access	37.14872321
Retail density	77.55678173
Supermarket access	43.19260875
Tree canopy	13.34530989
Housing	—
Homeownership	1.539843449
Housing habitability	40.93417169
Low-inc homeowner severe housing cost burden	99.12742205
Low-inc renter severe housing cost burden	59.36096497
Uncrowded housing	43.53907353
Health Outcomes	—
Insured adults	61.15744899
Arthritis	95.5
Asthma ER Admissions	15.4
High Blood Pressure	94.6
Cancer (excluding skin)	93.3
Asthma	32.2
Coronary Heart Disease	96.0
Chronic Obstructive Pulmonary Disease	81.8
Diagnosed Diabetes	90.6

Life Expectancy at Birth	49.1
Cognitively Disabled	80.8
Physically Disabled	93.4
Heart Attack ER Admissions	12.7
Mental Health Not Good	41.5
Chronic Kidney Disease	95.6
Obesity	49.6
Pedestrian Injuries	90.3
Physical Health Not Good	66.1
Stroke	91.3
Health Risk Behaviors	—
Binge Drinking	13.6
Current Smoker	40.7
No Leisure Time for Physical Activity	62.9
Climate Change Exposures	—
Wildfire Risk	8.7
SLR Inundation Area	0.0
Children	1.1
Elderly	90.4
English Speaking	26.8
Foreign-born	58.5
Outdoor Workers	62.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	65.5
Traffic Density	40.2
Traffic Access	55.1
Other Indices	—

Hardship	50.3
Other Decision Support	—
2016 Voting	48.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	71.0
Healthy Places Index Score for Project Location (b)	38.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Project Specific Information
Construction: Construction Phases	Project Specific Schedule
Construction: Off-Road Equipment	Project Specific Equipment and Tier 4 Final Project Design Feature
Construction: Dust From Material Movement	Project Specific Information

Construction: Trips and VMT	Project Specific Information, Updated Trips
Construction: Off-Road Equipment EF	Crushing/Proc. Equipment Change

Claremont McKenna Phase 2 Construction Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Claremont McKenna Phase 2 Construction
Construction Start Date	11/3/2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	2.40
Location	34.103620476606324, -117.70105472026464
County	Los Angeles-South Coast
City	Claremont
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5052
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.24

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Arena	25.7	Acre	25.7	1,120,799	0.00	—	—	—

Parking Lot	80.0	Space	0.72	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.78	0.63	9.31	29.4	0.06	0.11	3.21	3.32	0.11	1.26	1.38	—	7,555	7,555	0.30	0.47	6.21	7,707
Mit.	0.78	0.63	9.31	29.4	0.06	0.11	3.21	3.32	0.11	1.26	1.38	—	7,555	7,555	0.30	0.47	6.21	7,707
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.80	0.71	9.81	36.3	0.06	0.12	2.75	2.86	0.12	1.14	1.26	—	7,347	7,347	0.29	0.31	0.11	7,446
Mit.	0.80	0.71	9.81	36.3	0.06	0.12	2.75	2.86	0.12	1.14	1.26	—	7,347	7,347	0.29	0.31	0.11	7,446
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	0.13	1.82	5.77	0.01	0.02	0.49	0.51	0.02	0.17	0.19	—	1,538	1,538	0.06	0.09	0.55	1,567

Mit.	0.16	0.13	1.82	5.77	0.01	0.02	0.49	0.51	0.02	0.17	0.19	—	1,538	1,538	0.06	0.09	0.55	1,567
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.02	0.33	1.05	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	255	255	0.01	0.02	0.09	260
Mit.	0.03	0.02	0.33	1.05	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	255	255	0.01	0.02	0.09	260
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2031	0.78	0.63	9.31	29.4	0.06	0.11	3.21	3.32	0.11	1.26	1.38	—	7,555	7,555	0.30	0.47	6.21	7,707
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.41	0.35	3.96	13.7	0.04	0.04	0.97	1.01	0.04	0.24	0.28	—	4,462	4,462	0.17	0.21	0.09	4,530
2031	0.80	0.71	9.81	36.3	0.06	0.12	2.75	2.86	0.12	1.14	1.26	—	7,347	7,347	0.29	0.31	0.11	7,446
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.04	0.04	0.42	1.47	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.03	—	466	466	0.02	0.02	0.15	473
2031	0.16	0.13	1.82	5.77	0.01	0.02	0.49	0.51	0.02	0.17	0.19	—	1,538	1,538	0.06	0.09	0.55	1,567
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.01	0.01	0.08	0.27	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	77.1	77.1	< 0.005	< 0.005	0.03	78.3
2031	0.03	0.02	0.33	1.05	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	255	255	0.01	0.02	0.09	260

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2031	0.78	0.63	9.31	29.4	0.06	0.11	3.21	3.32	0.11	1.26	1.38	—	7,555	7,555	0.30	0.47	6.21	7,707
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.41	0.35	3.96	13.7	0.04	0.04	0.97	1.01	0.04	0.24	0.28	—	4,462	4,462	0.17	0.21	0.09	4,530
2031	0.80	0.71	9.81	36.3	0.06	0.12	2.75	2.86	0.12	1.14	1.26	—	7,347	7,347	0.29	0.31	0.11	7,446
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.04	0.04	0.42	1.47	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.03	—	466	466	0.02	0.02	0.15	473
2031	0.16	0.13	1.82	5.77	0.01	0.02	0.49	0.51	0.02	0.17	0.19	—	1,538	1,538	0.06	0.09	0.55	1,567
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.01	0.01	0.08	0.27	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	77.1	77.1	< 0.005	< 0.005	0.03	78.3
2031	0.03	0.02	0.33	1.05	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	255	255	0.01	0.02	0.09	260

3. Construction Emissions Details

3.1. Site Prep: Roberts Sports Bowl Site (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	1.55	5.77	0.01	0.02	—	0.02	0.02	—	0.02	—	825	825	0.03	0.01	—	828
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.04	9.04	< 0.005	< 0.005	—	9.08
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.50	1.50	< 0.005	< 0.005	—	1.50
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.42	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	120	120	< 0.005	< 0.005	0.01	121
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	56.5	56.5	< 0.005	0.01	< 0.005	58.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.33	1.33	< 0.005	< 0.005	< 0.005	1.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.62	0.62	< 0.005	< 0.005	< 0.005	0.65
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.22
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Prep: Roberts Sports Bowl Site (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	1.55	5.77	0.01	0.02	—	0.02	0.02	—	0.02	—	825	825	0.03	0.01	—	828
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.04	9.04	< 0.005	< 0.005	—	9.08
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.50	1.50	< 0.005	< 0.005	—	1.50
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.42	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	120	120	< 0.005	< 0.005	0.01	121
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	56.5	56.5	< 0.005	0.01	< 0.005	58.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.33	1.33	< 0.005	< 0.005	< 0.005	1.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.62	0.62	< 0.005	< 0.005	< 0.005	0.65
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.22
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading: Roberts Sport Bowl (Rough) (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,813	2,813	0.11	0.02	—	2,823

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.26	1.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	286	286	0.01	< 0.005	—	287
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.15	2.09	0.00	0.00	0.65	0.65	0.00	0.15	0.15	—	598	598	0.01	0.02	0.04	606
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	56.5	56.5	< 0.005	0.01	< 0.005	58.9
Hauling	0.07	0.02	1.19	0.47	0.01	0.01	0.30	0.31	0.01	0.08	0.10	—	994	994	0.05	0.16	0.05	1,042

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	61.8	61.8	< 0.005	< 0.005	0.06	62.6
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.74	5.74	< 0.005	< 0.005	0.01	6.00
Hauling	0.01	< 0.005	0.12	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	101	101	< 0.005	0.02	0.08	106
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	0.01	10.4
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.95	0.95	< 0.005	< 0.005	< 0.005	0.99
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.7	16.7	< 0.005	< 0.005	0.01	17.6

3.4. Grading: Roberts Sport Bowl (Rough) (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,813	2,813	0.11	0.02	—	2,823
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.26	1.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	286	286	0.01	< 0.005	—	287

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.15	2.09	0.00	0.00	0.65	0.65	0.00	0.15	0.15	—	598	598	0.01	0.02	0.04	606
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	56.5	56.5	< 0.005	0.01	< 0.005	58.9
Hauling	0.07	0.02	1.19	0.47	0.01	0.01	0.30	0.31	0.01	0.08	0.10	—	994	994	0.05	0.16	0.05	1,042
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	61.8	61.8	< 0.005	< 0.005	0.06	62.6
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.74	5.74	< 0.005	< 0.005	0.01	6.00
Hauling	0.01	< 0.005	0.12	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	101	101	< 0.005	0.02	0.08	106
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	0.01	10.4
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.95	0.95	< 0.005	< 0.005	< 0.005	0.99

Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.7	16.7	< 0.005	< 0.005	0.01	17.6

3.5. Grading: Roberts Sport Bowl (Rough) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,813	2,813	0.11	0.02	—	2,822
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.21	0.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	226	226	0.01	< 0.005	—	226
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.4	37.4	< 0.005	< 0.005	—	37.5

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.15	1.96	0.00	0.00	0.65	0.65	0.00	0.15	0.15	—	589	589	0.01	0.02	0.03	597
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	54.6	54.6	< 0.005	0.01	< 0.005	57.0
Hauling	0.06	0.02	1.15	0.46	0.01	0.01	0.30	0.31	0.01	0.08	0.10	—	968	968	0.05	0.15	0.04	1,015
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	48.0	48.0	< 0.005	< 0.005	0.05	48.6
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.38	4.38	< 0.005	< 0.005	< 0.005	4.58
Hauling	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	77.7	77.7	< 0.005	0.01	0.06	81.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.94	7.94	< 0.005	< 0.005	0.01	8.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.76
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.9	12.9	< 0.005	< 0.005	0.01	13.5

3.6. Grading: Roberts Sport Bowl (Rough) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.03	0.03	—	0.03	0.03	—	0.03	—	2,813	2,813	0.11	0.02	—	2,822
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.21	0.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	226	226	0.01	< 0.005	—	226
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.4	37.4	< 0.005	< 0.005	—	37.5
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.15	1.96	0.00	0.00	0.65	0.65	0.00	0.15	0.15	—	589	589	0.01	0.02	0.03	597
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	54.6	54.6	< 0.005	0.01	< 0.005	57.0
Hauling	0.06	0.02	1.15	0.46	0.01	0.01	0.30	0.31	0.01	0.08	0.10	—	968	968	0.05	0.15	0.04	1,015
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	48.0	48.0	< 0.005	< 0.005	0.05	48.6
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.38	4.38	< 0.005	< 0.005	< 0.005	4.58
Hauling	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	77.7	77.7	< 0.005	0.01	0.06	81.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.94	7.94	< 0.005	< 0.005	0.01	8.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.76
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.9	12.9	< 0.005	< 0.005	0.01	13.5

3.7. Grading: Roberts Sport Bowl (Fine) (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.40	5.29	22.8	0.03	0.07	—	0.07	0.07	—	0.07	—	3,673	3,673	0.15	0.03	—	3,686

Dust From Material Movement	—	—	—	—	—	—	1.71	1.71	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.40	5.29	22.8	0.03	0.07	—	0.07	0.07	—	0.07	—	3,673	3,673	0.15	0.03	—	3,686
Dust From Material Movement	—	—	—	—	—	—	1.71	1.71	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.51	2.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	352	352	0.01	< 0.005	—	353
Dust From Material Movement	—	—	—	—	—	—	0.16	0.16	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	58.3	58.3	< 0.005	< 0.005	—	58.5
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.21	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	323	323	< 0.005	< 0.005	0.68	324
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	54.6	54.6	< 0.005	0.01	0.13	57.1
Hauling	0.08	0.02	1.38	0.57	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,210	1,210	0.06	0.19	2.07	1,270
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.02	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	307	307	< 0.005	0.01	0.02	310
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	54.6	54.6	< 0.005	0.01	< 0.005	57.0
Hauling	0.08	0.02	1.44	0.57	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,210	1,210	0.06	0.19	0.05	1,269
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.8	29.8	< 0.005	< 0.005	0.03	30.2
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.24	5.24	< 0.005	< 0.005	0.01	5.47
Hauling	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	116	116	0.01	0.02	0.09	122
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.94	4.94	< 0.005	< 0.005	< 0.005	5.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.91
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.2	19.2	< 0.005	< 0.005	0.01	20.1

3.8. Grading: Roberts Sport Bowl (Fine) (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.40	0.40	5.29	22.8	0.03	0.07	—	0.07	0.07	—	0.07	—	3,673	3,673	0.15	0.03	—	3,686
Dust From Material Movement	—	—	—	—	—	—	1.71	1.71	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.40	5.29	22.8	0.03	0.07	—	0.07	0.07	—	0.07	—	3,673	3,673	0.15	0.03	—	3,686
Dust From Material Movement	—	—	—	—	—	—	1.71	1.71	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.51	2.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	352	352	0.01	< 0.005	—	353
Dust From Material Movement	—	—	—	—	—	—	0.16	0.16	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	58.3	58.3	< 0.005	< 0.005	—	58.5
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.21	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	323	323	< 0.005	< 0.005	0.68	324
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	54.6	54.6	< 0.005	0.01	0.13	57.1
Hauling	0.08	0.02	1.38	0.57	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,210	1,210	0.06	0.19	2.07	1,270
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.02	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	307	307	< 0.005	0.01	0.02	310
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	54.6	54.6	< 0.005	0.01	< 0.005	57.0
Hauling	0.08	0.02	1.44	0.57	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,210	1,210	0.06	0.19	0.05	1,269
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.8	29.8	< 0.005	< 0.005	0.03	30.2
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.24	5.24	< 0.005	< 0.005	0.01	5.47
Hauling	0.01	< 0.005	0.14	0.05	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	116	116	0.01	0.02	0.09	122
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.94	4.94	< 0.005	< 0.005	< 0.005	5.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.91
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.2	19.2	< 0.005	< 0.005	0.01	20.1

3.9. BC: Roberts Sport Bowl Utilities (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,586	1,586	0.06	0.01	—	1,591
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.32	1.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	196	196	0.01	< 0.005	—	196
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.4	32.4	< 0.005	< 0.005	—	32.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.63	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.01	191
Vendor	0.02	0.01	0.34	0.16	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	328	328	0.01	0.05	0.02	342
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.6	23.6	< 0.005	< 0.005	0.02	23.9
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.4	40.4	< 0.005	0.01	0.04	42.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.91	3.91	< 0.005	< 0.005	< 0.005	3.96
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.69	6.69	< 0.005	< 0.005	0.01	6.99
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. BC: Roberts Sport Bowl Utilities (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	2.56	11.1	0.01	0.03	—	0.03	0.03	—	0.03	—	1,586	1,586	0.06	0.01	—	1,591
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.32	1.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	196	196	0.01	< 0.005	—	196
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	32.4	32.4	< 0.005	< 0.005	—	32.5

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.63	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.01	191
Vendor	0.02	0.01	0.34	0.16	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	328	328	0.01	0.05	0.02	342
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.6	23.6	< 0.005	< 0.005	0.02	23.9
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.4	40.4	< 0.005	0.01	0.04	42.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.91	3.91	< 0.005	< 0.005	< 0.005	3.96
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.69	6.69	< 0.005	< 0.005	0.01	6.99
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. BC: Pathways + Parking (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.05	0.05	0.81	3.02	0.01	0.01	—	0.01	0.01	—	0.01	—	513	513	0.02	< 0.005	—	515
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.15	0.55	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	94.2	94.2	< 0.005	< 0.005	—	94.6
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.6	15.6	< 0.005	< 0.005	—	15.7
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	1.11	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	298	298	< 0.005	< 0.005	0.63	299

Vendor	0.02	0.01	0.27	0.13	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	273	273	0.01	0.04	0.63	286
Hauling	0.08	0.02	1.38	0.57	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,210	1,210	0.06	0.19	2.07	1,270
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	52.7	52.7	< 0.005	< 0.005	0.05	53.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	50.1	50.1	< 0.005	0.01	0.05	52.4
Hauling	0.01	< 0.005	0.27	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	222	222	0.01	0.03	0.16	233
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.72	8.72	< 0.005	< 0.005	0.01	8.84
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.30	8.30	< 0.005	< 0.005	0.01	8.67
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.8	36.8	< 0.005	0.01	0.03	38.6

3.12. BC: Pathways + Parking (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.81	3.02	0.01	0.01	—	0.01	0.01	—	0.01	—	513	513	0.02	< 0.005	—	515
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.15	0.55	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	94.2	94.2	< 0.005	< 0.005	—	94.6
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.6	15.6	< 0.005	< 0.005	—	15.7
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	1.11	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	298	298	< 0.005	< 0.005	0.63	299
Vendor	0.02	0.01	0.27	0.13	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	273	273	0.01	0.04	0.63	286
Hauling	0.08	0.02	1.38	0.57	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,210	1,210	0.06	0.19	2.07	1,270
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	52.7	52.7	< 0.005	< 0.005	0.05	53.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	50.1	50.1	< 0.005	0.01	0.05	52.4
Hauling	0.01	< 0.005	0.27	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	222	222	0.01	0.03	0.16	233
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.72	8.72	< 0.005	< 0.005	0.01	8.84
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.30	8.30	< 0.005	< 0.005	0.01	8.67
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.8	36.8	< 0.005	0.01	0.03	38.6

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Prep: Roberts Sports Bowl Site	Site Preparation	11/3/2030	11/7/2030	5.00	4.00	—
Grading: Roberts Sport Bowl (Rough)	Grading	11/10/2030	2/10/2031	5.00	66.0	—
Grading: Roberts Sport Bowl (Fine)	Grading	3/11/2031	4/28/2031	5.00	35.0	—
BC: Roberts Sport Bowl Utilities	Building Construction	1/28/2031	3/31/2031	5.00	45.0	—
BC: Pathways + Parking	Building Construction	4/8/2031	7/9/2031	5.00	67.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Prep: Roberts Sports Bowl Site	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Site Prep: Roberts Sports Bowl Site	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
Grading: Roberts Sport Bowl (Rough)	Crushing/Proc. Equipment	Diesel	Tier 4 Final	3.00	8.00	12.0	0.85
Grading: Roberts Sport Bowl (Rough)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading: Roberts Sport Bowl (Rough)	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Grading: Roberts Sport Bowl (Rough)	Dumpers/Tenders	Diesel	Tier 4 Final	20.0	8.00	16.0	0.38
Grading: Roberts Sport Bowl (Fine)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading: Roberts Sport Bowl (Fine)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37

Grading: Roberts Sport Bowl (Fine)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading: Roberts Sport Bowl (Fine)	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Grading: Roberts Sport Bowl (Fine)	Other Construction Equipment	Diesel	Tier 4 Final	1.00	9.00	82.0	0.42
BC: Roberts Sport Bowl Utilities	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
BC: Roberts Sport Bowl Utilities	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
BC: Roberts Sport Bowl Utilities	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Pathways + Parking	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
BC: Pathways + Parking	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74
BC: Pathways + Parking	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Prep: Roberts Sports Bowl Site	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Site Prep: Roberts Sports Bowl Site	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
Grading: Roberts Sport Bowl (Rough)	Crushing/Proc. Equipment	Diesel	Tier 4 Final	3.00	8.00	12.0	0.85
Grading: Roberts Sport Bowl (Rough)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading: Roberts Sport Bowl (Rough)	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Grading: Roberts Sport Bowl (Rough)	Dumpers/Tenders	Diesel	Tier 4 Final	20.0	8.00	16.0	0.38

Grading: Roberts Sport Bowl (Fine)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading: Roberts Sport Bowl (Fine)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading: Roberts Sport Bowl (Fine)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading: Roberts Sport Bowl (Fine)	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Grading: Roberts Sport Bowl (Fine)	Other Construction Equipment	Diesel	Tier 4 Final	1.00	9.00	82.0	0.42
BC: Roberts Sport Bowl Utilities	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
BC: Roberts Sport Bowl Utilities	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
BC: Roberts Sport Bowl Utilities	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
BC: Pathways + Parking	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
BC: Pathways + Parking	Pumps	Diesel	Tier 4 Final	1.00	8.00	11.0	0.74
BC: Pathways + Parking	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Prep: Roberts Sports Bowl Site	—	—	—	—
Site Prep: Roberts Sports Bowl Site	Worker	10.0	18.5	LDA,LDT1,LDT2
Site Prep: Roberts Sports Bowl Site	Vendor	2.00	10.2	HHDT,MHDT
Site Prep: Roberts Sports Bowl Site	Hauling	0.00	20.0	HHDT
Site Prep: Roberts Sports Bowl Site	Onsite truck	0.00	—	HHDT
Grading: Roberts Sport Bowl (Rough)	—	—	—	—

Grading: Roberts Sport Bowl (Rough)	Worker	50.0	18.5	LDA,LDT1,LDT2
Grading: Roberts Sport Bowl (Rough)	Vendor	2.00	10.2	HHDT,MHDT
Grading: Roberts Sport Bowl (Rough)	Hauling	16.0	20.0	HHDT
Grading: Roberts Sport Bowl (Rough)	Onsite truck	0.00	—	HHDT
Grading: Roberts Sport Bowl (Fine)	—	—	—	—
Grading: Roberts Sport Bowl (Fine)	Worker	26.0	18.5	LDA,LDT1,LDT2
Grading: Roberts Sport Bowl (Fine)	Vendor	2.00	10.2	HHDT,MHDT
Grading: Roberts Sport Bowl (Fine)	Hauling	20.0	20.0	HHDT
Grading: Roberts Sport Bowl (Fine)	Onsite truck	0.00	—	HHDT
BC: Roberts Sport Bowl Utilities	—	—	—	—
BC: Roberts Sport Bowl Utilities	Worker	16.0	18.5	LDA,LDT1,LDT2
BC: Roberts Sport Bowl Utilities	Vendor	12.0	10.2	HHDT,MHDT
BC: Roberts Sport Bowl Utilities	Hauling	0.00	20.0	HHDT
BC: Roberts Sport Bowl Utilities	Onsite truck	0.00	—	HHDT
BC: Pathways + Parking	—	—	—	—
BC: Pathways + Parking	Worker	24.0	18.5	LDA,LDT1,LDT2
BC: Pathways + Parking	Vendor	10.0	10.2	HHDT,MHDT
BC: Pathways + Parking	Hauling	20.0	20.0	HHDT
BC: Pathways + Parking	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Prep: Roberts Sports Bowl Site	—	—	—	—
Site Prep: Roberts Sports Bowl Site	Worker	10.0	18.5	LDA,LDT1,LDT2
Site Prep: Roberts Sports Bowl Site	Vendor	2.00	10.2	HHDT,MHDT
Site Prep: Roberts Sports Bowl Site	Hauling	0.00	20.0	HHDT
Site Prep: Roberts Sports Bowl Site	Onsite truck	0.00	—	HHDT

Grading: Roberts Sport Bowl (Rough)	—	—	—	—
Grading: Roberts Sport Bowl (Rough)	Worker	50.0	18.5	LDA,LDT1,LDT2
Grading: Roberts Sport Bowl (Rough)	Vendor	2.00	10.2	HHDT,MHDT
Grading: Roberts Sport Bowl (Rough)	Hauling	16.0	20.0	HHDT
Grading: Roberts Sport Bowl (Rough)	Onsite truck	0.00	—	HHDT
Grading: Roberts Sport Bowl (Fine)	—	—	—	—
Grading: Roberts Sport Bowl (Fine)	Worker	26.0	18.5	LDA,LDT1,LDT2
Grading: Roberts Sport Bowl (Fine)	Vendor	2.00	10.2	HHDT,MHDT
Grading: Roberts Sport Bowl (Fine)	Hauling	20.0	20.0	HHDT
Grading: Roberts Sport Bowl (Fine)	Onsite truck	0.00	—	HHDT
BC: Roberts Sport Bowl Utilities	—	—	—	—
BC: Roberts Sport Bowl Utilities	Worker	16.0	18.5	LDA,LDT1,LDT2
BC: Roberts Sport Bowl Utilities	Vendor	12.0	10.2	HHDT,MHDT
BC: Roberts Sport Bowl Utilities	Hauling	0.00	20.0	HHDT
BC: Roberts Sport Bowl Utilities	Onsite truck	0.00	—	HHDT
BC: Pathways + Parking	—	—	—	—
BC: Pathways + Parking	Worker	24.0	18.5	LDA,LDT1,LDT2
BC: Pathways + Parking	Vendor	10.0	10.2	HHDT,MHDT
BC: Pathways + Parking	Hauling	20.0	20.0	HHDT
BC: Pathways + Parking	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Grading: Roberts Sport Bowl (Rough)	0.00	8,000	11.9	0.00	—
Grading: Roberts Sport Bowl (Fine)	3,000	2,000	7.46	0.00	—
BC: Pathways + Parking	10,000	0.00	14.9	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Arena	0.00	0%
Parking Lot	0.72	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2030	0.00	532	0.03	< 0.005
2031	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	20.9	annual days of extreme heat
Extreme Precipitation	6.20	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	8.23	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—

AQ-Ozone	84.6
AQ-PM	94.4
AQ-DPM	81.2
Drinking Water	98.0
Lead Risk Housing	—
Pesticides	19.8
Toxic Releases	56.7
Traffic	28.1
Effect Indicators	—
CleanUp Sites	2.59
Groundwater	49.0
Haz Waste Facilities/Generators	37.7
Impaired Water Bodies	12.5
Solid Waste	64.9
Sensitive Population	—
Asthma	29.2
Cardio-vascular	45.1
Low Birth Weights	—
Socioeconomic Factor Indicators	—
Education	2.71
Housing	—
Linguistic	—
Poverty	—
Unemployment	93.8

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	—
Employed	—
Median HI	—
Education	—
Bachelor's or higher	—
High school enrollment	—
Preschool enrollment	—
Transportation	—
Auto Access	—
Active commuting	—
Social	—
2-parent households	—
Voting	—
Neighborhood	—
Alcohol availability	—
Park access	—
Retail density	—
Supermarket access	—
Tree canopy	—
Housing	—
Homeownership	—
Housing habitability	—
Low-inc homeowner severe housing cost burden	—
Low-inc renter severe housing cost burden	—
Uncrowded housing	—

Health Outcomes	—
Insured adults	—
Arthritis	0.0
Asthma ER Admissions	64.8
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	0.0
Cognitively Disabled	88.7
Physically Disabled	99.2
Heart Attack ER Admissions	43.5
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	0.0
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	5.3
SLR Inundation Area	0.0

Children	98.7
Elderly	99.3
English Speaking	0.0
Foreign-born	0.0
Outdoor Workers	83.8
Climate Change Adaptive Capacity	—
Impervious Surface Cover	86.4
Traffic Density	0.0
Traffic Access	23.0
Other Indices	—
Hardship	0.0
Other Decision Support	—
2016 Voting	0.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	—
Healthy Places Index Score for Project Location (b)	—
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Project Specific Information
Construction: Off-Road Equipment	Project Specific Equipment, Tier 4 Final
Construction: Dust From Material Movement	Project Specific Information
Construction: Trips and VMT	Project Specific Information, Updated Trips
Construction: Off-Road Equipment EF	Crushing/Proc. Equipment Change to Diesel

Claremont McKenna | Operations v2 Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Claremont McKenna | Operations v2
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	2.40
Location	34.1033741482496, -117.70077931750569
County	San Bernardino-South Coast
City	Upland
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5227
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Arena	50.0	1000sqft	16.1	50,000	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Area Sources	AS-2	Use Low-VOC Paints

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.37	5.12	3.94	35.3	0.09	0.10	7.49	7.59	0.10	1.90	2.00	42.0	10,240	10,282	4.80	0.49	27.1	10,575
Mit.	4.37	5.05	3.94	35.3	0.09	0.10	7.49	7.59	0.10	1.90	2.00	42.0	10,240	10,282	4.80	0.49	27.1	10,575
% Reduced	—	1%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.75	4.53	4.17	27.7	0.08	0.10	7.49	7.59	0.10	1.90	2.00	42.0	9,692	9,734	4.81	0.50	1.01	10,006
Mit.	3.75	4.46	4.17	27.7	0.08	0.10	7.49	7.59	0.10	1.90	2.00	42.0	9,692	9,734	4.81	0.50	1.01	10,006
% Reduced	—	1%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.92	3.79	3.17	21.9	0.06	0.09	5.29	5.37	0.08	1.34	1.43	42.0	7,388	7,430	4.70	0.39	8.49	7,672
Mit.	2.92	3.73	3.17	21.9	0.06	0.09	5.29	5.37	0.08	1.34	1.43	42.0	7,388	7,430	4.70	0.39	8.49	7,672
% Reduced	—	2%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.53	0.69	0.58	4.00	0.01	0.02	0.96	0.98	0.02	0.25	0.26	6.96	1,223	1,230	0.78	0.06	1.41	1,270
Mit.	0.53	0.68	0.58	4.00	0.01	0.02	0.96	0.98	0.02	0.25	0.26	6.96	1,223	1,230	0.78	0.06	1.41	1,270
% Reduced	—	2%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.92	3.53	3.34	32.7	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,635	8,635	0.37	0.38	26.8	8,785
Area	0.39	1.55	0.02	2.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.94	8.94	< 0.005	< 0.005	—	8.97
Energy	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,382	1,382	0.10	0.01	—	1,387
Water	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Waste	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Total	4.37	5.12	3.94	35.3	0.09	0.10	7.49	7.59	0.10	1.90	2.00	42.0	10,240	10,282	4.80	0.49	27.1	10,575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.68	3.30	3.59	27.2	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,096	8,096	0.39	0.40	0.69	8,224
Area	—	1.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,382	1,382	0.10	0.01	—	1,387
Water	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Waste	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31

Total	3.75	4.53	4.17	27.7	0.08	0.10	7.49	7.59	0.10	1.90	2.00	42.0	9,692	9,734	4.81	0.50	1.01	10,006
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.59	2.32	2.58	20.0	0.06	0.04	5.29	5.33	0.04	1.34	1.38	—	5,786	5,786	0.27	0.28	8.18	5,885
Area	0.27	1.44	0.01	1.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.12	6.12	< 0.005	< 0.005	—	6.15
Energy	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,382	1,382	0.10	0.01	—	1,387
Water	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Waste	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Total	2.92	3.79	3.17	21.9	0.06	0.09	5.29	5.37	0.08	1.34	1.43	42.0	7,388	7,430	4.70	0.39	8.49	7,672
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.47	0.42	0.47	3.64	0.01	0.01	0.96	0.97	0.01	0.25	0.25	—	958	958	0.05	0.05	1.35	974
Area	0.05	0.26	< 0.005	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.01	1.01	< 0.005	< 0.005	—	1.02
Energy	0.01	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	229	229	0.02	< 0.005	—	230
Water	—	—	—	—	—	—	—	—	—	—	—	6.83	35.4	42.2	0.70	0.02	—	64.8
Waste	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Total	0.53	0.69	0.58	4.00	0.01	0.02	0.96	0.98	0.02	0.25	0.26	6.96	1,223	1,230	0.78	0.06	1.41	1,270

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.92	3.53	3.34	32.7	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,635	8,635	0.37	0.38	26.8	8,785
Area	0.39	1.49	0.02	2.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.94	8.94	< 0.005	< 0.005	—	8.97
Energy	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,382	1,382	0.10	0.01	—	1,387

Water	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Waste	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Total	4.37	5.05	3.94	35.3	0.09	0.10	7.49	7.59	0.10	1.90	2.00	42.0	10,240	10,282	4.80	0.49	27.1	10,575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.68	3.30	3.59	27.2	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,096	8,096	0.39	0.40	0.69	8,224
Area	—	1.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,382	1,382	0.10	0.01	—	1,387
Water	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Waste	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Total	3.75	4.46	4.17	27.7	0.08	0.10	7.49	7.59	0.10	1.90	2.00	42.0	9,692	9,734	4.81	0.50	1.01	10,006
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.59	2.32	2.58	20.0	0.06	0.04	5.29	5.33	0.04	1.34	1.38	—	5,786	5,786	0.27	0.28	8.18	5,885
Area	0.27	1.38	0.01	1.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.12	6.12	< 0.005	< 0.005	—	6.15
Energy	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,382	1,382	0.10	0.01	—	1,387
Water	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Waste	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Total	2.92	3.73	3.17	21.9	0.06	0.09	5.29	5.37	0.08	1.34	1.43	42.0	7,388	7,430	4.70	0.39	8.49	7,672
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.47	0.42	0.47	3.64	0.01	0.01	0.96	0.97	0.01	0.25	0.25	—	958	958	0.05	0.05	1.35	974
Area	0.05	0.25	< 0.005	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.01	1.01	< 0.005	< 0.005	—	1.02
Energy	0.01	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	229	229	0.02	< 0.005	—	230
Water	—	—	—	—	—	—	—	—	—	—	—	6.83	35.4	42.2	0.70	0.02	—	64.8
Waste	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Total	0.53	0.68	0.58	4.00	0.01	0.02	0.96	0.98	0.02	0.25	0.26	6.96	1,223	1,230	0.78	0.06	1.41	1,270

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	3.92	3.53	3.34	32.7	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,635	8,635	0.37	0.38	26.8	8,785
Total	3.92	3.53	3.34	32.7	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,635	8,635	0.37	0.38	26.8	8,785
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	3.68	3.30	3.59	27.2	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,096	8,096	0.39	0.40	0.69	8,224
Total	3.68	3.30	3.59	27.2	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,096	8,096	0.39	0.40	0.69	8,224
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	0.47	0.42	0.47	3.64	0.01	0.01	0.96	0.97	0.01	0.25	0.25	—	958	958	0.05	0.05	1.35	974
Total	0.47	0.42	0.47	3.64	0.01	0.01	0.96	0.97	0.01	0.25	0.25	—	958	958	0.05	0.05	1.35	974

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	3.92	3.53	3.34	32.7	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,635	8,635	0.37	0.38	26.8	8,785
Total	3.92	3.53	3.34	32.7	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,635	8,635	0.37	0.38	26.8	8,785
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	3.68	3.30	3.59	27.2	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,096	8,096	0.39	0.40	0.69	8,224
Total	3.68	3.30	3.59	27.2	0.08	0.06	7.49	7.54	0.05	1.90	1.95	—	8,096	8,096	0.39	0.40	0.69	8,224
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	0.47	0.42	0.47	3.64	0.01	0.01	0.96	0.97	0.01	0.25	0.25	—	958	958	0.05	0.05	1.35	974
Total	0.47	0.42	0.47	3.64	0.01	0.01	0.96	0.97	0.01	0.25	0.25	—	958	958	0.05	0.05	1.35	974

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	695	695	0.04	0.01	—	698
Total	—	—	—	—	—	—	—	—	—	—	—	—	695	695	0.04	0.01	—	698
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	695	695	0.04	0.01	—	698
Total	—	—	—	—	—	—	—	—	—	—	—	—	695	695	0.04	0.01	—	698
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Arena	—	—	—	—	—	—	—	—	—	—	—	—	115	115	0.01	< 0.005	—	116
Total	—	—	—	—	—	—	—	—	—	—	—	—	115	115	0.01	< 0.005	—	116

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	695	695	0.04	0.01	—	698
Total	—	—	—	—	—	—	—	—	—	—	—	—	695	695	0.04	0.01	—	698
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	695	695	0.04	0.01	—	698
Total	—	—	—	—	—	—	—	—	—	—	—	—	695	695	0.04	0.01	—	698
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	115	115	0.01	< 0.005	—	116
Total	—	—	—	—	—	—	—	—	—	—	—	—	115	115	0.01	< 0.005	—	116

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	687	687	0.06	< 0.005	—	689
Total	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	687	687	0.06	< 0.005	—	689

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	687	687	0.06	< 0.005	—	689
Total	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	687	687	0.06	< 0.005	—	689
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	0.01	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	114	114	0.01	< 0.005	—	114
Total	0.01	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	114	114	0.01	< 0.005	—	114

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	687	687	0.06	< 0.005	—	689
Total	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	687	687	0.06	< 0.005	—	689
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	687	687	0.06	< 0.005	—	689
Total	0.06	0.03	0.58	0.48	< 0.005	0.04	—	0.04	0.04	—	0.04	—	687	687	0.06	< 0.005	—	689
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	0.01	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	114	114	0.01	< 0.005	—	114
Total	0.01	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	114	114	0.01	< 0.005	—	114

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.39	0.36	0.02	2.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.94	8.94	< 0.005	< 0.005	—	8.97
Total	0.39	1.55	0.02	2.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.94	8.94	< 0.005	< 0.005	—	8.97
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipme	0.05	0.04	< 0.005	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.01	1.01	< 0.005	< 0.005	—	1.02
Total	0.05	0.26	< 0.005	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.01	1.01	< 0.005	< 0.005	—	1.02

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.39	0.36	0.02	2.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.94	8.94	< 0.005	< 0.005	—	8.97
Total	0.39	1.49	0.02	2.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.94	8.94	< 0.005	< 0.005	—	8.97
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	0.04	< 0.005	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.01	1.01	< 0.005	< 0.005	—	1.02
Total	0.05	0.25	< 0.005	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.01	1.01	< 0.005	< 0.005	—	1.02

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Total	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Total	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	6.83	35.4	42.2	0.70	0.02	—	64.8
Total	—	—	—	—	—	—	—	—	—	—	—	6.83	35.4	42.2	0.70	0.02	—	64.8

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Total	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Total	—	—	—	—	—	—	—	—	—	—	—	41.3	214	255	4.25	0.10	—	392
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	6.83	35.4	42.2	0.70	0.02	—	64.8
Total	—	—	—	—	—	—	—	—	—	—	—	6.83	35.4	42.2	0.70	0.02	—	64.8

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Total	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Total	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43
Total	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Total	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Total	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43
Total	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.31	0.31

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arena	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipme Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Arena	559	947	947	244,498	6,229	10,553	10,553	2,724,654

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Arena	559	947	947	244,498	6,229	10,553	10,553	2,724,654

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	75,000	25,000	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Arena	476,886	532	0.0330	0.0040	2,144,306

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Arena	476,886	532	0.0330	0.0040	2,144,306

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Arena	21,538,506	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Arena	21,538,506	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Arena	1.38	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Arena	1.38	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Arena	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Arena	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Arena	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

Arena	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Arena	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Arena	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	20.9	annual days of extreme heat
Extreme Precipitation	6.20	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	8.23	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—

AQ-Ozone	88.7
AQ-PM	95.3
AQ-DPM	80.9
Drinking Water	97.1
Lead Risk Housing	31.1
Pesticides	2.66
Toxic Releases	58.9
Traffic	29.8
Effect Indicators	—
CleanUp Sites	43.6
Groundwater	10.6
Haz Waste Facilities/Generators	46.8
Impaired Water Bodies	12.5
Solid Waste	39.3
Sensitive Population	—
Asthma	60.1
Cardio-vascular	70.9
Low Birth Weights	64.5
Socioeconomic Factor Indicators	—
Education	40.1
Housing	69.5
Linguistic	54.6
Poverty	64.9
Unemployment	29.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	19.74849224
Employed	14.1537277
Median HI	26.85743616
Education	—
Bachelor's or higher	76.02977031
High school enrollment	100
Preschool enrollment	57.52598486
Transportation	—
Auto Access	68.11240857
Active commuting	41.48594893
Social	—
2-parent households	77.65943796
Voting	45.33555755
Neighborhood	—
Alcohol availability	19.50468369
Park access	37.14872321
Retail density	77.55678173
Supermarket access	43.19260875
Tree canopy	13.34530989
Housing	—
Homeownership	1.539843449
Housing habitability	40.93417169
Low-inc homeowner severe housing cost burden	99.12742205
Low-inc renter severe housing cost burden	59.36096497
Uncrowded housing	43.53907353

Health Outcomes	—
Insured adults	61.15744899
Arthritis	95.5
Asthma ER Admissions	15.4
High Blood Pressure	94.6
Cancer (excluding skin)	93.3
Asthma	32.2
Coronary Heart Disease	96.0
Chronic Obstructive Pulmonary Disease	81.8
Diagnosed Diabetes	90.6
Life Expectancy at Birth	49.1
Cognitively Disabled	80.8
Physically Disabled	93.4
Heart Attack ER Admissions	12.7
Mental Health Not Good	41.5
Chronic Kidney Disease	95.6
Obesity	49.6
Pedestrian Injuries	90.3
Physical Health Not Good	66.1
Stroke	91.3
Health Risk Behaviors	—
Binge Drinking	13.6
Current Smoker	40.7
No Leisure Time for Physical Activity	62.9
Climate Change Exposures	—
Wildfire Risk	8.7
SLR Inundation Area	0.0

Children	1.1
Elderly	90.4
English Speaking	26.8
Foreign-born	58.5
Outdoor Workers	62.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	65.5
Traffic Density	40.2
Traffic Access	55.1
Other Indices	—
Hardship	50.3
Other Decision Support	—
2016 Voting	48.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	71.0
Healthy Places Index Score for Project Location (b)	38.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Project Specific
Operations: Vehicle Data	Project Adjusted Vehicle Trip Rates