Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.6 Interact Paving -1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4592**	**4.2033**	**4.7675**	**0.0114**		**0.1647**	**0.1647**		**0.1515**	**0.1515**		**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**1.5648**	**1.1100e-003**	**1.5659**	**0.1739**	**1.0500e-003**	**0.1750**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

3.7 Interact Paving -2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4592**	**4.2033**	**4.7675**	**0.0114**		**0.1647**	**0.1647**		**0.1515**	**0.1515**		**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**1.5648**	**1.1100e-003**	**1.5659**	**0.1739**	**1.0500e-003**	**0.1750**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

3.8 Interact Paving -3 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4342	3.7306	4.7611	0.0114		0.1470	0.1470		0.1352	0.1352		1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4342**	**3.7306**	**4.7611**	**0.0114**		**0.1470**	**0.1470**		**0.1352**	**0.1352**		**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**3.5192**	**1.0800e-003**	**3.5203**	**0.3691**	**1.0300e-003**	**0.3701**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	0.9876	8.7000e-004	0.9885	0.1110	8.3000e-004	0.1119		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**1.5648**	**1.0800e-003**	**1.5659**	**0.1739**	**1.0300e-003**	**0.1749**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

3.9 Interact Paving -4 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4342	3.7306	4.7611	0.0114		0.1470	0.1470		0.1352	0.1352		1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4342**	**3.7306**	**4.7611**	**0.0114**		**0.1470**	**0.1470**		**0.1352**	**0.1352**		**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**3.5192**	**1.0800e-003**	**3.5203**	**0.3691**	**1.0300e-003**	**0.3701**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	0.9876	8.7000e-004	0.9885	0.1110	8.3000e-004	0.1119		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**1.5648**	**1.0800e-003**	**1.5659**	**0.1739**	**1.0300e-003**	**0.1749**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

3.10 Interact Paving -5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4342	3.7306	4.7611	0.0114		0.1470	0.1470		0.1352	0.1352		1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4342**	**3.7306**	**4.7611**	**0.0114**		**0.1470**	**0.1470**		**0.1352**	**0.1352**		**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**3.5192**	**1.0800e-003**	**3.5203**	**0.3691**	**1.0300e-003**	**0.3701**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	0.9876	8.7000e-004	0.9885	0.1110	8.3000e-004	0.1119		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**1.5648**	**1.0800e-003**	**1.5659**	**0.1739**	**1.0300e-003**	**0.1749**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

3.11 Interact Paving -6 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3957	3.0803	4.7309	0.0114		0.1223	0.1223		0.1125	0.1125		1,105.9597	1,105.9597	0.3577		1,114.9020
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3957**	**3.0803**	**4.7309**	**0.0114**		**0.1223**	**0.1223**		**0.1125**	**0.1125**		**1,105.9597**	**1,105.9597**	**0.3577**		**1,114.9020**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0315**	**0.7426**	**0.2939**	**2.8400e-003**	**3.5192**	**1.0600e-003**	**3.5203**	**0.3691**	**1.0000e-003**	**0.3701**		**305.6084**	**305.6084**	**0.0187**		**306.0770**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.9597	1,105.9597	0.3577		1,114.9020
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.9597**	**1,105.9597**	**0.3577**		**1,114.9020**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0315**	**0.7426**	**0.2939**	**2.8400e-003**	**1.5648**	**1.0600e-003**	**1.5659**	**0.1739**	**1.0000e-003**	**0.1749**		**305.6084**	**305.6084**	**0.0187**		**306.0770**

3.12 Interact Paving -7 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3957	3.0803	4.7309	0.0114		0.1223	0.1223		0.1125	0.1125		1,105.9597	1,105.9597	0.3577		1,114.9020
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3957**	**3.0803**	**4.7309**	**0.0114**		**0.1223**	**0.1223**		**0.1125**	**0.1125**		**1,105.9597**	**1,105.9597**	**0.3577**		**1,114.9020**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0315**	**0.7426**	**0.2939**	**2.8400e-003**	**3.5192**	**1.0600e-003**	**3.5203**	**0.3691**	**1.0000e-003**	**0.3701**		**305.6084**	**305.6084**	**0.0187**		**306.0770**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.9597	1,105.9597	0.3577		1,114.9020
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.9597**	**1,105.9597**	**0.3577**		**1,114.9020**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0315**	**0.7426**	**0.2939**	**2.8400e-003**	**1.5648**	**1.0600e-003**	**1.5659**	**0.1739**	**1.0000e-003**	**0.1749**		**305.6084**	**305.6084**	**0.0187**		**306.0770**

CalEEMod Version: CalEEMod.2016.3.1

Date: 9/28/2017 9:01 AM

South Village Residential General Construction - LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Grading	0.70	0.46	-0.26	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -1	0.59	0.05	-0.49	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -2	0.59	0.05	-0.49	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -3	0.57	-0.05	-0.49	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -4	0.57	-0.05	-0.49	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -5	0.57	-0.05	-0.49	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -6	0.53	-0.22	-0.50	0.00	0.84	0.82	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -7	0.53	-0.22	-0.50	0.00	0.84	0.82	0.00	0.00	0.00	0.00	0.00	0.00
Interact Utilities	0.61	0.06	-0.51	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.78	0.59	-0.17	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Slope Landscaping	0.61	0.06	-0.51	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Excavators	Diesel	Tier 4 Interim	11	11	No Change	0.00
Graders	Diesel	Tier 4 Interim	1	1	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	1	1	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	9	9	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	6	6	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Excavators	4.72200E-002	3.89290E-001	8.12910E-001	1.29000E-003	1.90000E-002	1.74800E-002	0.00000E+000	1.13199E+002	1.13199E+002	3.66100E-002	0.00000E+000	1.14115E+002
Graders	1.34900E-002	1.70870E-001	5.59600E-002	2.20000E-004	5.43000E-003	5.00000E-003	0.00000E+000	1.89072E+001	1.89072E+001	6.11000E-003	0.00000E+000	1.90600E+001

Other Construction Equipment	4.14000E-003	4.19700E-002	4.42200E-002	7.00000E-005	2.19000E-003	2.01000E-003	0.00000E+000	5.97077E+000	5.97077E+000	1.93000E-003	0.00000E+000	6.01904E+000
Rubber Tired Dozers	5.48300E-002	5.75980E-001	2.34620E-001	5.60000E-004	2.73400E-002	2.51500E-002	0.00000E+000	4.91429E+001	4.91429E+001	1.58900E-002	0.00000E+000	4.95403E+001
Rubber Tired Loaders	4.84500E-002	4.61650E-001	2.77270E-001	1.15000E-003	1.54600E-002	1.42200E-002	0.00000E+000	1.01356E+002	1.01356E+002	3.27800E-002	0.00000E+000	1.02175E+002
Scrapers	5.32500E-002	5.81330E-001	4.14430E-001	9.90000E-004	2.26900E-002	2.08800E-002	0.00000E+000	8.66988E+001	8.66988E+001	2.80400E-002	0.00000E+000	8.73998E+001
Tractors/Loaders/ Backhoes	1.79500E-002	1.82640E-001	2.43940E-001	3.40000E-004	9.82000E-003	9.04000E-003	0.00000E+000	2.97875E+001	2.97875E+001	9.63000E-003	0.00000E+000	3.00283E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Excavators	1.58500E-002	5.68030E-001	9.77540E-001	1.29000E-003	2.11000E-003	2.11000E-003	0.00000E+000	1.13199E+002	1.13199E+002	3.66100E-002	0.00000E+000	1.14114E+002
Graders	3.52000E-003	5.66900E-002	1.14260E-001	2.20000E-004	3.50000E-004	3.50000E-004	0.00000E+000	1.89071E+001	1.89071E+001	6.11000E-003	0.00000E+000	1.90600E+001
Other Construction Equipment	8.40000E-004	3.01300E-002	5.18600E-002	7.00000E-005	1.10000E-004	1.10000E-004	0.00000E+000	5.97076E+000	5.97076E+000	1.93000E-003	0.00000E+000	6.01904E+000
Rubber Tired Dozers	9.13000E-003	1.47240E-001	2.96750E-001	5.60000E-004	9.10000E-004	9.10000E-004	0.00000E+000	4.91429E+001	4.91429E+001	1.58900E-002	0.00000E+000	4.95402E+001
Rubber Tired Loaders	1.90200E-002	3.06770E-001	6.18290E-001	1.15000E-003	1.90000E-003	1.90000E-003	0.00000E+000	1.01356E+002	1.01356E+002	3.27800E-002	0.00000E+000	1.02175E+002
Scrapers	1.61600E-002	2.60520E-001	5.25070E-001	9.90000E-004	1.62000E-003	1.62000E-003	0.00000E+000	8.66987E+001	8.66987E+001	2.80400E-002	0.00000E+000	8.73997E+001
Tractors/Loaders/Backhoes	7.59000E-003	1.47650E-001	2.55290E-001	3.40000E-004	5.50000E-004	5.50000E-004	0.00000E+000	2.97874E+001	2.97874E+001	9.63000E-003	0.00000E+000	3.00283E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Excavators	6.64337E-001	-4.59144E-001	-2.02519E-001	0.00000E+000	8.88947E-001	8.79291E-001	0.00000E+000	1.14842E-006	1.14842E-006	0.00000E+000	0.00000E+000	1.22684E-006
Graders	7.39066E-001	6.68227E-001	-1.04182E+000	0.00000E+000	9.35543E-001	9.30000E-001	0.00000E+000	1.05780E-006	1.05780E-006	0.00000E+000	0.00000E+000	1.04932E-006
Other Construction Equipment	7.97101E-001	2.82106E-001	-1.72773E-001	0.00000E+000	9.49772E-001	9.45274E-001	0.00000E+000	1.67483E-006	1.67483E-006	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	8.33485E-001	7.44366E-001	-2.64811E-001	0.00000E+000	9.66715E-001	9.63817E-001	0.00000E+000	1.22093E-006	1.22093E-006	0.00000E+000	0.00000E+000	1.21114E-006
Rubber Tired Loaders	6.07430E-001	3.35492E-001	-1.22992E+000	0.00000E+000	8.77102E-001	8.66385E-001	0.00000E+000	1.18395E-006	1.18395E-006	0.00000E+000	0.00000E+000	1.17445E-006
Scrapers	6.96526E-001	5.51855E-001	-2.66969E-001	0.00000E+000	9.28603E-001	9.22414E-001	0.00000E+000	1.15342E-006	1.15342E-006	0.00000E+000	0.00000E+000	1.25858E-006
Tractors/Loaders/Backhoes	5.77159E-001	1.91579E-001	-4.65278E-002	0.00000E+000	9.43992E-001	9.39159E-001	0.00000E+000	1.00714E-006	1.00714E-006	0.00000E+000	0.00000E+000	1.33208E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Grading	Fugitive Dust	0.34	0.12	0.13	0.05	0.61	0.61
Grading	Roads	0.91	0.09	0.39	0.04	0.57	0.57
Interact Paving -1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -1	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Interact Paving -2	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -2	Roads	0.03	0.00	0.02	0.00	0.55	0.53
Interact Paving -3	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -3	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Interact Paving -4	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -4	Roads	0.04	0.00	0.02	0.00	0.55	0.52
Interact Paving -5	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -5	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Interact Paving -6	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -6	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Interact Paving -7	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -7	Roads	0.04	0.00	0.02	0.00	0.55	0.52
Interact Utilities	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Utilities	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.20	0.11	0.08	0.04	0.61	0.61
Site Preparation	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Slope Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Slope Landscaping	Roads	0.09	0.01	0.04	0.00	0.55	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

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

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	South Village Residential General Construction - LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	9/1/2022	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Site Preparation	Site Preparation	2022/09/01	2022/09/30	5	22
Grading	Grading	2022/10/01	2022/12/31	5	65
Interact Utilities	Site Preparation	2023/01/01	2023/06/30	5	130
Slope Landscaping	Site Preparation	2023/02/01	2023/06/01	5	87
Interact Paving -1	Paving	2023/07/01	2023/07/31	5	21
Interact Paving -2	Paving	2023/11/01	2023/11/30	5	22
Interact Paving -3	Paving	2024/03/01	2024/03/31	5	21
Interact Paving -4	Paving	2024/07/01	2024/07/31	5	23
Interact Paving -5	Paving	2024/11/01	2024/11/30	5	21
Interact Paving -6	Paving	2025/03/01	2025/03/31	5	21
Interact Paving -7	Paving	2025/07/01	2025/07/31	5	23

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation	Rubber Tired Dozer	default	default		
	Tractor/Loader/Backhoe				
	Other Construction Equipment (brush grinder)	1			
Grading	default				
Slope Landscaping	Excavator	1			
	Rubber Tired Loader	1			
Utilities	Excavator	1			
	Rubber Tired Loader	1			

CalEEMod Input Matrix
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep	default				--	default	
Grading					110		

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
Site Preparation									
Grading			2,417			0.5			MHDT
Slope Landscaping	Refer to Construction VMT worksheet								
Utilities									
Paving									
Note: Internal hauling distance 0.5 miles to reflect onsite cut and fill									

CalEEMod Input Matrix
Construction Phase

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
Site Preparation								
Grading								
Slope Landscaping			0					
Utilities	98		0	default				
Paving								

Table 11: Architectural Coating
Phase Name
N/A

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/28/2017 9:29 AM

South Village Residential - LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - operational anaylsis only

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	86,337.90
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	74,346.53
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	100,727.55
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	100,727.55
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	100,727.55
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	100,727.55
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	38,372.40
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	259,013.70
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	223,039.58
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	302,182.65
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tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	115,117.20
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tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
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tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	11.00	11.50

tblGrading	AcresOfGrading	11.00	10.50
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tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	Worker

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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	WorkerTripNumber	13.00	16.00
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tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
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tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	12.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	1.00	12.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00

tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	29.2858	19.8241	20.9683	0.0412	14.9483	0.8632	15.8115	1.5595	0.8224	2.3818	0.0000	3,961.8183	3,961.8183	0.7295	0.0000	3,980.0549
2024	29.1806	18.6715	20.8625	0.0411	14.8990	0.7856	15.6845	1.5542	0.7474	2.3016	0.0000	3,949.5133	3,949.5133	0.7248	0.0000	3,967.6336
2025	29.0316	17.2140	20.6214	0.0407	13.6192	0.6850	14.3043	1.4213	0.6516	2.0729	0.0000	3,911.1562	3,911.1562	0.7198	0.0000	3,929.1516
Maximum	**29.2858**	**19.8241**	**20.9683**	**0.0412**	**14.9483**	**0.8632**	**15.8115**	**1.5595**	**0.8224**	**2.3818**	**0.0000**	**3,961.8183**	**3,961.8183**	**0.7295**	**0.0000**	**3,980.0549**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	27.9783	14.3657	23.3907	0.0412	6.5968	0.1869	6.7838	0.7225	0.1867	0.9093	0.0000	3,961.8183	3,961.8183	0.7295	0.0000	3,980.0549
2024	27.9713	14.3468	23.3299	0.0411	6.5776	0.1868	6.7645	0.7205	0.1866	0.9071	0.0000	3,949.5133	3,949.5133	0.7248	0.0000	3,967.6336
2025	27.9524	14.3214	23.2012	0.0407	6.0098	0.1866	6.1963	0.6586	0.1864	0.8450	0.0000	3,911.1562	3,911.1562	0.7198	0.0000	3,929.1516
Maximum	**27.9783**	**14.3657**	**23.3907**	**0.0412**	**6.5968**	**0.1869**	**6.7838**	**0.7225**	**0.1867**	**0.9093**	**0.0000**	**3,961.8183**	**3,961.8183**	**0.7295**	**0.0000**	**3,980.0549**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e

Percent Reduction	**4.11**	**22.75**	**-11.96**	**0.00**	**55.86**	**75.99**	**56.89**	**53.66**	**74.80**	**60.61**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4800e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.4800e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4800e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.4800e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e

Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P1 Site Preparation (mo. 1)	Site Preparation	8/1/2023	8/31/2023	5	23	
2	P1 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2023	11/30/2023	5	65	
3	P1 Architectural Coating	Architectural Coating	11/1/2023	12/30/2023	5	43	
4	P2 Site Preparation (mo. 1)	Site Preparation	12/1/2023	12/31/2023	5	21	
5	P1 Building Construction 2 (mo. 5)	Building Construction	12/1/2023	12/31/2023	5	21	
6	P2 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2024	3/31/2024	5	65	
7	P2 Architectural Coating	Architectural Coating	3/1/2024	4/30/2024	5	43	
8	P3 Site Preparation (mo. 1)	Site Preparation	4/1/2024	4/30/2024	5	22	
9	P2 Building Construction 2 (mo. 5)	Building Construction	4/1/2024	4/30/2024	5	22	
10	P3 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2024	7/31/2024	5	66	
11	P3 Architectural Coating	Architectural Coating	7/1/2024	8/31/2024	5	45	
12	P4 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
13	P3 Building Construction 2 (mo. 5)	Building Construction	8/1/2024	8/31/2024	5	22	
14	P4 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2024	11/30/2024	5	65	
15	P4 Architectural Coating	Architectural Coating	11/1/2024	12/31/2024	5	43	
16	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2024	12/31/2024	5	22	
17	P4 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
18	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2025	3/31/2025	5	64	

19	P5 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43	
20	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2025	4/30/2025	5	22	
21	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2025	4/30/2025	5	22	
22	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2025	7/31/2025	5	66	
23	P6 Architectural Coating	Architectural Coating	7/1/2025	8/31/2025	5	44	
24	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2025	8/31/2025	5	21	
25	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2025	8/31/2025	5	21	
26	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2025	11/30/2025	5	65	
27	P7 Architectural Coating (mo. 1)	Architectural Coating	11/1/2025	12/31/2025	5	43	
28	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2025	12/31/2025	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 302,183; Residential Outdoor: 100,728; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37

P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Architectural Coating (mo. 1)	Air Compressors	2	8.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P1 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	4	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	12.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	4	12.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	5	12.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating (mo. 1)	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

P7 Building Construction 2 (mo. 5)	4	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	5	5.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P1 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5303**	**0.5535**	**1.0837**	**0.0573**	**0.5211**	**0.5784**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		113.3434	113.3434	2.9400e-003		113.4169
Total	**0.0656**	**0.3353**	**0.4420**	**2.1600e-003**	**6.1014**	**1.2500e-003**	**6.1027**	**0.6353**	**1.1600e-003**	**0.6365**		**222.9711**	**222.9711**	**0.0107**		**223.2395**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2068**	**0.0726**	**0.2794**	**0.0223**	**0.0726**	**0.0949**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		113.3434	113.3434	2.9400e-003		113.4169
Total	**0.0656**	**0.3353**	**0.4420**	**2.1600e-003**	**2.7040**	**1.2500e-003**	**2.7052**	**0.2959**	**1.1600e-003**	**0.2971**		**222.9711**	**222.9711**	**0.0107**		**223.2395**

3.3 P1 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		113.3434	113.3434	2.9400e-003		113.4169
Total	**0.0656**	**0.3353**	**0.4420**	**2.1600e-003**	**6.1014**	**1.2500e-003**	**6.1027**	**0.6353**	**1.1600e-003**	**0.6365**		**222.9711**	**222.9711**	**0.0107**		**223.2395**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		113.3434	113.3434	2.9400e-003		113.4169
Total	**0.0656**	**0.3353**	**0.4420**	**2.1600e-003**	**2.7040**	**1.2500e-003**	**2.7052**	**0.2959**	**1.1600e-003**	**0.2971**		**222.9711**	**222.9711**	**0.0107**		**223.2395**

3.4 P1 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**27.6548**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**27.2890**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.5 P2 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5555	0.0000	0.5555	0.0600	0.0000	0.0600			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5555**	**0.5535**	**1.1090**	**0.0600**	**0.5211**	**0.5811**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		113.3434	113.3434	2.9400e-003		113.4169
Total	**0.0656**	**0.3353**	**0.4420**	**2.1600e-003**	**6.1014**	**1.2500e-003**	**6.1027**	**0.6353**	**1.1600e-003**	**0.6365**		**222.9711**	**222.9711**	**0.0107**		**223.2395**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2167	0.0000	0.2167	0.0234	0.0000	0.0234			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2167**	**0.0726**	**0.2893**	**0.0234**	**0.0726**	**0.0960**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		113.3434	113.3434	2.9400e-003		113.4169
Total	**0.0656**	**0.3353**	**0.4420**	**2.1600e-003**	**2.7040**	**1.2500e-003**	**2.7052**	**0.2959**	**1.1600e-003**	**0.2971**		**222.9711**	**222.9711**	**0.0107**		**223.2395**

3.6 P1 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	**0.2947**	**3.4969**	**5.3664**	**8.3000e-003**		**0.1178**	**0.1178**		**0.1095**	**0.1095**		**785.2922**	**785.2922**	**0.2429**		**791.3644**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		113.3434	113.3434	2.9400e-003		113.4169
Total	**0.0656**	**0.3353**	**0.4420**	**2.1600e-003**	**6.1014**	**1.2500e-003**	**6.1027**	**0.6353**	**1.1600e-003**	**0.6365**		**222.9711**	**222.9711**	**0.0107**		**223.2395**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	**0.1794**	**3.8342**	**5.7491**	**8.3000e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.2922**	**785.2922**	**0.2429**		**791.3644**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		113.3434	113.3434	2.9400e-003		113.4169
Total	**0.0656**	**0.3353**	**0.4420**	**2.1600e-003**	**2.7040**	**1.2500e-003**	**2.7052**	**0.2959**	**1.1600e-003**	**0.2971**		**222.9711**	**222.9711**	**0.0107**		**223.2395**

3.7 P2 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**6.1014**	**1.2200e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**2.7040**	**1.2200e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

3.8 P2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**27.6258**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.5000e-004**	**0.2295**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**27.2890**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**0.9723**	**5.8000e-004**	**0.9729**	**0.1073**	**5.5000e-004**	**0.1078**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

3.9 P3 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4821	0.0000	0.4821	0.0521	0.0000	0.0521			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.4821**	**0.5115**	**0.9936**	**0.0521**	**0.4811**	**0.5332**		**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0471	0.0270	0.2803	9.6000e-004	4.5634	7.5000e-004	4.5641	0.4741	6.9000e-004	0.4748		95.2717	95.2717	2.3600e-003		95.3307
Total	**0.0559**	**0.3244**	**0.3760**	**1.9700e-003**	**5.4495**	**1.1200e-003**	**5.4506**	**0.5676**	**1.0400e-003**	**0.5686**		**204.2144**	**204.2144**	**0.0101**		**204.4658**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1880	0.0000	0.1880	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1880**	**0.0726**	**0.2606**	**0.0203**	**0.0726**	**0.0929**	**0.0000**	**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0471	0.0270	0.2803	9.6000e-004	2.0203	7.5000e-004	2.0211	0.2201	6.9000e-004	0.2208		95.2717	95.2717	2.3600e-003		95.3307
Total	**0.0559**	**0.3244**	**0.3760**	**1.9700e-003**	**2.4153**	**1.1200e-003**	**2.4165**	**0.2645**	**1.0400e-003**	**0.2655**		**204.2144**	**204.2144**	**0.0101**		**204.4658**

3.10 P2 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	**0.2858**	**3.3713**	**5.3664**	**8.3100e-003**		**0.1086**	**0.1086**		**0.1010**	**0.1010**		**785.3870**	**785.3870**	**0.2429**		**791.4599**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**6.1014**	**1.2200e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	**0.1794**	**3.8342**	**5.7491**	**8.3100e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.3870**	**785.3870**	**0.2429**		**791.4599**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**2.7040**	**1.2200e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

3.11 P3 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0471	0.0270	0.2803	9.6000e-004	4.5634	7.5000e-004	4.5641	0.4741	6.9000e-004	0.4748		95.2717	95.2717	2.3600e-003		95.3307
Total	**0.0559**	**0.3244**	**0.3760**	**1.9700e-003**	**5.4495**	**1.1200e-003**	**5.4506**	**0.5676**	**1.0400e-003**	**0.5686**		**204.2144**	**204.2144**	**0.0101**		**204.4658**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0471	0.0270	0.2803	9.6000e-004	2.0203	7.5000e-004	2.0211	0.2201	6.9000e-004	0.2208		95.2717	95.2717	2.3600e-003		95.3307
Total	**0.0559**	**0.3244**	**0.3760**	**1.9700e-003**	**2.4153**	**1.1200e-003**	**2.4165**	**0.2645**	**1.0400e-003**	**0.2655**		**204.2144**	**204.2144**	**0.0101**		**204.4658**

3.12 P3 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.2320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**22.7141**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.5000e-004**	**0.2295**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.2320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**22.3773**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**0.9723**	**5.8000e-004**	**0.9729**	**0.1073**	**5.5000e-004**	**0.1078**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

3.13 P4 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5544	0.0000	0.5544	0.0599	0.0000	0.0599			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.5544**	**0.5115**	**1.0659**	**0.0599**	**0.4811**	**0.5410**		**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**6.1014**	**1.2200e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2162	0.0000	0.2162	0.0233	0.0000	0.0233			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2162**	**0.0726**	**0.2888**	**0.0233**	**0.0726**	**0.0959**	**0.0000**	**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**2.7040**	**1.2200e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

3.14 P3 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	**0.2858**	**3.3713**	**5.3664**	**8.3100e-003**		**0.1086**	**0.1086**		**0.1010**	**0.1010**		**785.3870**	**785.3870**	**0.2429**		**791.4599**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0471	0.0270	0.2803	9.6000e-004	4.5634	7.5000e-004	4.5641	0.4741	6.9000e-004	0.4748		95.2717	95.2717	2.3600e-003		95.3307
Total	**0.0559**	**0.3244**	**0.3760**	**1.9700e-003**	**5.4495**	**1.1200e-003**	**5.4506**	**0.5676**	**1.0400e-003**	**0.5686**		**204.2144**	**204.2144**	**0.0101**		**204.4658**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	**0.1794**	**3.8342**	**5.7491**	**8.3100e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.3870**	**785.3870**	**0.2429**		**791.4599**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0471	0.0270	0.2803	9.6000e-004	2.0203	7.5000e-004	2.0211	0.2201	6.9000e-004	0.2208		95.2717	95.2717	2.3600e-003		95.3307
Total	**0.0559**	**0.3244**	**0.3760**	**1.9700e-003**	**2.4153**	**1.1200e-003**	**2.4165**	**0.2645**	**1.0400e-003**	**0.2655**		**204.2144**	**204.2144**	**0.0101**		**204.4658**

3.15 P4 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**6.1014**	**1.2200e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**2.7040**	**1.2200e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

3.16 P4 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**27.6258**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.5000e-004**	**0.2295**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**27.2890**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**0.9723**	**5.8000e-004**	**0.9729**	**0.1073**	**5.5000e-004**	**0.1078**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

3.17 P5 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.5062**	**0.5115**	**1.0177**	**0.0547**	**0.4811**	**0.5358**		**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**6.1014**	**1.2200e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1974**	**0.0726**	**0.2700**	**0.0213**	**0.0726**	**0.0939**	**0.0000**	**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**2.7040**	**1.2200e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

3.18 P4 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	**0.2858**	**3.3713**	**5.3664**	**8.3100e-003**		**0.1086**	**0.1086**		**0.1010**	**0.1010**		**785.3870**	**785.3870**	**0.2429**		**791.4599**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**6.1014**	**1.2200e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	**0.1794**	**3.8342**	**5.7491**	**8.3100e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.3870**	**785.3870**	**0.2429**		**791.4599**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0538	0.0308	0.3203	1.0900e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		108.8819	108.8819	2.7000e-003		108.9494
Total	**0.0626**	**0.3283**	**0.4160**	**2.1000e-003**	**2.7040**	**1.2200e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**217.8247**	**217.8247**	**0.0104**		**218.0845**

3.19 P5 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**		**635.7734**	**635.7734**	**0.2056**		**640.9139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0515	0.0284	0.2989	1.0500e-003	5.2153	8.4000e-004	5.2161	0.5418	7.7000e-004	0.5426		104.4809	104.4809	2.4900e-003		104.5432
Total	**0.0600**	**0.3216**	**0.3926**	**2.0500e-003**	**6.1014**	**1.1900e-003**	**6.1026**	**0.6353**	**1.1100e-003**	**0.6364**		**212.7716**	**212.7716**	**0.0101**		**213.0239**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.7734**	**635.7734**	**0.2056**		**640.9139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0515	0.0284	0.2989	1.0500e-003	2.3089	8.4000e-004	2.3098	0.2515	7.7000e-004	0.2523		104.4809	104.4809	2.4900e-003		104.5432
Total	**0.0600**	**0.3216**	**0.3926**	**2.0500e-003**	**2.7040**	**1.1900e-003**	**2.7052**	**0.2959**	**1.1100e-003**	**0.2970**		**212.7716**	**212.7716**	**0.0101**		**213.0239**

3.20 P5 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	**27.5994**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**		**750.5281**	**750.5281**	**0.0409**		**751.5516**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	**27.2890**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0409**		**751.5516**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**0.9723**	**5.6000e-004**	**0.9728**	**0.1073**	**5.3000e-004**	**0.1078**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

3.21 P6 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	**1.0293**	**9.9864**	**9.5658**	**0.0194**	**0.5303**	**0.4465**	**0.9767**	**0.0573**	**0.4200**	**0.4772**		**1,841.6106**	**1,841.6106**	**0.4082**		**1,851.8164**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0386	0.0213	0.2242	7.9000e-004	3.9115	6.3000e-004	3.9121	0.4064	5.8000e-004	0.4070		78.3607	78.3607	1.8700e-003		78.4074
Total	**0.0472**	**0.3145**	**0.3179**	**1.7900e-003**	**4.7976**	**9.8000e-004**	**4.7986**	**0.4998**	**9.2000e-004**	**0.5008**		**186.6513**	**186.6513**	**9.4700e-003**		**186.8881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2068**	**0.0726**	**0.2794**	**0.0223**	**0.0726**	**0.0949**	**0.0000**	**1,841.6106**	**1,841.6106**	**0.4082**		**1,851.8164**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0386	0.0213	0.2242	7.9000e-004	1.7317	6.3000e-004	1.7323	0.1886	5.8000e-004	0.1892		78.3607	78.3607	1.8700e-003		78.4074
Total	**0.0472**	**0.3145**	**0.3179**	**1.7900e-003**	**2.1267**	**9.8000e-004**	**2.1277**	**0.2331**	**9.2000e-004**	**0.2340**		**186.6513**	**186.6513**	**9.4700e-003**		**186.8881**

3.22 P5 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	**0.2743**	**3.2367**	**5.3523**	**8.3000e-003**		**0.0985**	**0.0985**		**0.0917**	**0.0917**		**785.1838**	**785.1838**	**0.2429**		**791.2550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0515	0.0284	0.2989	1.0500e-003	5.2153	8.4000e-004	5.2161	0.5418	7.7000e-004	0.5426		104.4809	104.4809	2.4900e-003		104.5432
Total	**0.0600**	**0.3216**	**0.3926**	**2.0500e-003**	**6.1014**	**1.1900e-003**	**6.1026**	**0.6353**	**1.1100e-003**	**0.6364**		**212.7716**	**212.7716**	**0.0101**		**213.0239**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	**0.1794**	**3.8342**	**5.7491**	**8.3000e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.1838**	**785.1838**	**0.2429**		**791.2550**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0515	0.0284	0.2989	1.0500e-003	2.3089	8.4000e-004	2.3098	0.2515	7.7000e-004	0.2523		104.4809	104.4809	2.4900e-003		104.5432
Total	**0.0600**	**0.3216**	**0.3926**	**2.0500e-003**	**2.7040**	**1.1900e-003**	**2.7052**	**0.2959**	**1.1100e-003**	**0.2970**		**212.7716**	**212.7716**	**0.0101**		**213.0239**

3.23 P6 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**		**635.7734**	**635.7734**	**0.2056**		**640.9139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0386	0.0213	0.2242	7.9000e-004	3.9115	6.3000e-004	3.9121	0.4064	5.8000e-004	0.4070		78.3607	78.3607	1.8700e-003		78.4074
Total	**0.0472**	**0.3145**	**0.3179**	**1.7900e-003**	**4.7976**	**9.8000e-004**	**4.7986**	**0.4998**	**9.2000e-004**	**0.5008**		**186.6513**	**186.6513**	**9.4700e-003**		**186.8881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.7734**	**635.7734**	**0.2056**		**640.9139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0386	0.0213	0.2242	7.9000e-004	1.7317	6.3000e-004	1.7323	0.1886	5.8000e-004	0.1892		78.3607	78.3607	1.8700e-003		78.4074
Total	**0.0472**	**0.3145**	**0.3179**	**1.7900e-003**	**2.1267**	**9.8000e-004**	**2.1277**	**0.2331**	**9.2000e-004**	**0.2340**		**186.6513**	**186.6513**	**9.4700e-003**		**186.8881**

3.24 P6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.5793					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	**20.0350**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**		**750.5281**	**750.5281**	**0.0409**		**751.5516**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	**0.0150**	**0.2967**	**0.1311**	**1.1300e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**121.3508**	**121.3508**	**7.9100e-003**		**121.5486**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.5793					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	**19.7246**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0409**		**751.5516**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	**0.0150**	**0.2967**	**0.1311**	**1.1300e-003**	**0.6837**	**4.6000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**121.3508**	**121.3508**	**7.9100e-003**		**121.5486**

3.25 P7 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5555	0.0000	0.5555	0.0600	0.0000	0.0600			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	**1.0293**	**9.9864**	**9.5658**	**0.0194**	**0.5555**	**0.4465**	**1.0020**	**0.0600**	**0.4200**	**0.4800**		**1,841.6106**	**1,841.6106**	**0.4082**		**1,851.8164**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.8823	1.8000e-004	0.8824	0.0919	1.7000e-004	0.0921		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0161	8.8800e-003	0.0934	3.3000e-004	3.2542	2.6000e-004	3.2544	0.3365	2.4000e-004	0.3368		32.6503	32.6503	7.8000e-004		32.6697
Total	**0.0204**	**0.1555**	**0.1403**	**8.3000e-004**	**4.1364**	**4.4000e-004**	**4.1369**	**0.4284**	**4.1000e-004**	**0.4289**		**86.7956**	**86.7956**	**4.5800e-003**		**86.9101**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2167	0.0000	0.2167	0.0234	0.0000	0.0234			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2167**	**0.0726**	**0.2893**	**0.0234**	**0.0726**	**0.0960**	**0.0000**	**1,841.6106**	**1,841.6106**	**0.4082**		**1,851.8164**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.3912	1.8000e-004	0.3913	0.0429	1.7000e-004	0.0431		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0161	8.8800e-003	0.0934	3.3000e-004	1.4377	2.6000e-004	1.4380	0.1551	2.4000e-004	0.1553		32.6503	32.6503	7.8000e-004		32.6697
Total	**0.0204**	**0.1555**	**0.1403**	**8.3000e-004**	**1.8289**	**4.4000e-004**	**1.8293**	**0.1980**	**4.1000e-004**	**0.1984**		**86.7956**	**86.7956**	**4.5800e-003**		**86.9101**

3.26 P6 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	**0.2743**	**3.2367**	**5.3523**	**8.3000e-003**		**0.0985**	**0.0985**		**0.0917**	**0.0917**		**785.1838**	**785.1838**	**0.2429**		**791.2550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0386	0.0213	0.2242	7.9000e-004	3.9115	6.3000e-004	3.9121	0.4064	5.8000e-004	0.4070		78.3607	78.3607	1.8700e-003		78.4074
Total	**0.0472**	**0.3145**	**0.3179**	**1.7900e-003**	**4.7976**	**9.8000e-004**	**4.7986**	**0.4998**	**9.2000e-004**	**0.5008**		**186.6513**	**186.6513**	**9.4700e-003**		**186.8881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	**0.1794**	**3.8342**	**5.7491**	**8.3000e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.1838**	**785.1838**	**0.2429**		**791.2550**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0386	0.0213	0.2242	7.9000e-004	1.7317	6.3000e-004	1.7323	0.1886	5.8000e-004	0.1892		78.3607	78.3607	1.8700e-003		78.4074
Total	**0.0472**	**0.3145**	**0.3179**	**1.7900e-003**	**2.1267**	**9.8000e-004**	**2.1277**	**0.2331**	**9.2000e-004**	**0.2340**		**186.6513**	**186.6513**	**9.4700e-003**		**186.8881**

3.27 P7 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**		**635.7734**	**635.7734**	**0.2056**		**640.9139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0193	0.0107	0.1121	3.9000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		39.1803	39.1803	9.3000e-004		39.2037
Total	**0.0236**	**0.1572**	**0.1589**	**8.9000e-004**	**2.3988**	**5.0000e-004**	**2.3993**	**0.2499**	**4.6000e-004**	**0.2504**		**93.3257**	**93.3257**	**4.7300e-003**		**93.4441**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.7734**	**635.7734**	**0.2056**		**640.9139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0193	0.0107	0.1121	3.9000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		39.1803	39.1803	9.3000e-004		39.2037
Total	**0.0236**	**0.1572**	**0.1589**	**8.9000e-004**	**1.0634**	**5.0000e-004**	**1.0639**	**0.1165**	**4.6000e-004**	**0.1170**		**93.3257**	**93.3257**	**4.7300e-003**		**93.4441**

3.28 P7 Architectural Coating (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.3405					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	**10.7961**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**		**750.5281**	**750.5281**	**0.0409**		**751.5516**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	**0.0150**	**0.2967**	**0.1311**	**1.1300e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**121.3508**	**121.3508**	**7.9100e-003**		**121.5486**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.3405					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	**10.4857**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0409**		**751.5516**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	**0.0150**	**0.2967**	**0.1311**	**1.1300e-003**	**0.6837**	**4.6000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**121.3508**	**121.3508**	**7.9100e-003**		**121.5486**

3.29 P7 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	**0.2743**	**3.2367**	**5.3523**	**8.3000e-003**		**0.0985**	**0.0985**		**0.0917**	**0.0917**		**785.1838**	**785.1838**	**0.2429**		**791.2550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0193	0.0107	0.1121	3.9000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		39.1803	39.1803	9.3000e-004		39.2037
Total	**0.0236**	**0.1572**	**0.1589**	**8.9000e-004**	**2.3988**	**5.0000e-004**	**2.3993**	**0.2499**	**4.6000e-004**	**0.2504**		**93.3257**	**93.3257**	**4.7300e-003**		**93.4441**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	**0.1794**	**3.8342**	**5.7491**	**8.3000e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.1838**	**785.1838**	**0.2429**		**791.2550**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0193	0.0107	0.1121	3.9000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		39.1803	39.1803	9.3000e-004		39.2037
Total	**0.0236**	**0.1572**	**0.1589**	**8.9000e-004**	**1.0634**	**5.0000e-004**	**1.0639**	**0.1165**	**4.6000e-004**	**0.1170**		**93.3257**	**93.3257**	**4.7300e-003**		**93.4441**

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/28/2017 9:26 AM

South Village Residential - LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - operational anaylsis only

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	86,337.90
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	14.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	13.00	12.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	12.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	1.00	12.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00

tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	16.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	29.2688	19.8200	20.9947	0.0414	14.9483	0.8631	15.8114	1.5595	0.8223	2.3818	0.0000	3,987.1371	3,987.1371	0.7287	0.0000	4,005.3536
2024	29.1641	18.6680	20.8876	0.0413	14.8990	0.7855	15.6845	1.5542	0.7474	2.3015	0.0000	3,974.0513	3,974.0513	0.7241	0.0000	3,992.1521
2025	29.0171	17.2119	20.6394	0.0409	13.6192	0.6850	14.3042	1.4213	0.6516	2.0729	0.0000	3,933.2317	3,933.2317	0.7190	0.0000	3,951.2073
Maximum	**29.2688**	**19.8200**	**20.9947**	**0.0414**	**14.9483**	**0.8631**	**15.8114**	**1.5595**	**0.8223**	**2.3818**	**0.0000**	**3,987.1371**	**3,987.1371**	**0.7287**	**0.0000**	**4,005.3536**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	27.9612	14.3616	23.4171	0.0414	6.5968	0.1869	6.7837	0.7225	0.1867	0.9092	0.0000	3,987.1371	3,987.1371	0.7287	0.0000	4,005.3536
2024	27.9547	14.3433	23.3550	0.0413	6.5776	0.1868	6.7644	0.7205	0.1866	0.9071	0.0000	3,974.0513	3,974.0513	0.7241	0.0000	3,992.1521
2025	27.9379	14.3192	23.2191	0.0409	6.0098	0.1865	6.1963	0.6586	0.1863	0.8449	0.0000	3,933.2317	3,933.2317	0.7190	0.0000	3,951.2073
Maximum	**27.9612**	**14.3616**	**23.4171**	**0.0414**	**6.5968**	**0.1869**	**6.7837**	**0.7225**	**0.1867**	**0.9092**	**0.0000**	**3,987.1371**	**3,987.1371**	**0.7287**	**0.0000**	**4,005.3536**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.11**	**22.76**	**-11.95**	**0.00**	**55.86**	**76.00**	**56.89**	**53.66**	**74.81**	**60.61**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4800e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.4800e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4800e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.4800e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P1 Site Preparation (mo. 1)	Site Preparation	8/1/2023	8/31/2023	5	23	
2	P1 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2023	11/30/2023	5	65	
3	P1 Architectural Coating	Architectural Coating	11/1/2023	12/30/2023	5	43	
4	P2 Site Preparation (mo. 1)	Site Preparation	12/1/2023	12/31/2023	5	21	
5	P1 Building Construction 2 (mo. 5)	Building Construction	12/1/2023	12/31/2023	5	21	
6	P2 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2024	3/31/2024	5	65	
7	P2 Architectural Coating	Architectural Coating	3/1/2024	4/30/2024	5	43	
8	P3 Site Preparation (mo. 1)	Site Preparation	4/1/2024	4/30/2024	5	22	
9	P2 Building Construction 2 (mo. 5)	Building Construction	4/1/2024	4/30/2024	5	22	
10	P3 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2024	7/31/2024	5	66	
11	P3 Architectural Coating	Architectural Coating	7/1/2024	8/31/2024	5	45	
12	P4 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
13	P3 Building Construction 2 (mo. 5)	Building Construction	8/1/2024	8/31/2024	5	22	
14	P4 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2024	11/30/2024	5	65	
15	P4 Architectural Coating	Architectural Coating	11/1/2024	12/31/2024	5	43	
16	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2024	12/31/2024	5	22	
17	P4 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
18	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2025	3/31/2025	5	64	
19	P5 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43	

20	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2025	4/30/2025	5	22	
21	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2025	4/30/2025	5	22	
22	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2025	7/31/2025	5	66	
23	P6 Architectural Coating	Architectural Coating	7/1/2025	8/31/2025	5	44	
24	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2025	8/31/2025	5	21	
25	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2025	8/31/2025	5	21	
26	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2025	11/30/2025	5	65	
27	P7 Architectural Coating (mo. 1)	Architectural Coating	11/1/2025	12/31/2025	5	43	
28	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2025	12/31/2025	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 302,183; Residential Outdoor: 100,728; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37

P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Architectural Coating (mo. 1)	Air Compressors	2	8.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P1 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	4	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

P6 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	12.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	4	12.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	5	12.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating (mo. 1)	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	4	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	5	5.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P1 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5303**	**0.5535**	**1.0837**	**0.0573**	**0.5211**	**0.5784**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		120.7307	120.7307	3.1200e-003		120.8088
Total	**0.0582**	**0.3330**	**0.4566**	**2.2500e-003**	**6.1014**	**1.2300e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**233.2576**	**233.2576**	**0.0105**		**233.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2068**	**0.0726**	**0.2794**	**0.0223**	**0.0726**	**0.0949**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		120.7307	120.7307	3.1200e-003		120.8088
Total	**0.0582**	**0.3330**	**0.4566**	**2.2500e-003**	**2.7040**	**1.2300e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**233.2576**	**233.2576**	**0.0105**		**233.5203**

3.3 P1 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		120.7307	120.7307	3.1200e-003		120.8088
Total	**0.0582**	**0.3330**	**0.4566**	**2.2500e-003**	**6.1014**	**1.2300e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**233.2576**	**233.2576**	**0.0105**		**233.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		120.7307	120.7307	3.1200e-003		120.8088
Total	**0.0582**	**0.3330**	**0.4566**	**2.2500e-003**	**2.7040**	**1.2300e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**233.2576**	**233.2576**	**0.0105**		**233.5203**

3.4 P1 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**27.6548**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**27.2890**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.5 P2 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5555	0.0000	0.5555	0.0600	0.0000	0.0600			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5555**	**0.5535**	**1.1090**	**0.0600**	**0.5211**	**0.5811**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		120.7307	120.7307	3.1200e-003		120.8088
Total	**0.0582**	**0.3330**	**0.4566**	**2.2500e-003**	**6.1014**	**1.2300e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**233.2576**	**233.2576**	**0.0105**		**233.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2167	0.0000	0.2167	0.0234	0.0000	0.0234			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2167**	**0.0726**	**0.2893**	**0.0234**	**0.0726**	**0.0960**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		120.7307	120.7307	3.1200e-003		120.8088
Total	**0.0582**	**0.3330**	**0.4566**	**2.2500e-003**	**2.7040**	**1.2300e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**233.2576**	**233.2576**	**0.0105**		**233.5203**

3.6 P1 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	**0.2947**	**3.4969**	**5.3664**	**8.3000e-003**		**0.1178**	**0.1178**		**0.1095**	**0.1095**		**785.2922**	**785.2922**	**0.2429**		**791.3644**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		120.7307	120.7307	3.1200e-003		120.8088
Total	**0.0582**	**0.3330**	**0.4566**	**2.2500e-003**	**6.1014**	**1.2300e-003**	**6.1027**	**0.6353**	**1.1400e-003**	**0.6364**		**233.2576**	**233.2576**	**0.0105**		**233.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	**0.1794**	**3.8342**	**5.7491**	**8.3000e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.2922**	**785.2922**	**0.2429**		**791.3644**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		120.7307	120.7307	3.1200e-003		120.8088
Total	**0.0582**	**0.3330**	**0.4566**	**2.2500e-003**	**2.7040**	**1.2300e-003**	**2.7052**	**0.2959**	**1.1400e-003**	**0.2971**		**233.2576**	**233.2576**	**0.0105**		**233.5203**

3.7 P2 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**6.1014**	**1.2000e-003**	**6.1026**	**0.6353**	**1.1200e-003**	**0.6364**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**2.7040**	**1.2000e-003**	**2.7052**	**0.2959**	**1.1200e-003**	**0.2971**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

3.8 P2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**27.6258**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**27.2890**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**0.9723**	**5.6000e-004**	**0.9728**	**0.1073**	**5.3000e-004**	**0.1078**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

3.9 P3 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4821	0.0000	0.4821	0.0521	0.0000	0.0521			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.4821**	**0.5115**	**0.9936**	**0.0521**	**0.4811**	**0.5332**		**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0412	0.0240	0.2999	1.0200e-003	4.5634	7.5000e-004	4.5641	0.4741	6.9000e-004	0.4748		101.4772	101.4772	2.5100e-003		101.5400
Total	**0.0495**	**0.3228**	**0.3871**	**2.0500e-003**	**5.4495**	**1.1000e-003**	**5.4506**	**0.5676**	**1.0200e-003**	**0.5686**		**213.2803**	**213.2803**	**9.8200e-003**		**213.5256**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1880	0.0000	0.1880	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1880**	**0.0726**	**0.2606**	**0.0203**	**0.0726**	**0.0929**	**0.0000**	**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0412	0.0240	0.2999	1.0200e-003	2.0203	7.5000e-004	2.0211	0.2201	6.9000e-004	0.2208		101.4772	101.4772	2.5100e-003		101.5400
Total	**0.0495**	**0.3228**	**0.3871**	**2.0500e-003**	**2.4153**	**1.1000e-003**	**2.4164**	**0.2645**	**1.0200e-003**	**0.2655**		**213.2803**	**213.2803**	**9.8200e-003**		**213.5256**

3.10 P2 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	**0.2858**	**3.3713**	**5.3664**	**8.3100e-003**		**0.1086**	**0.1086**		**0.1010**	**0.1010**		**785.3870**	**785.3870**	**0.2429**		**791.4599**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**6.1014**	**1.2000e-003**	**6.1026**	**0.6353**	**1.1200e-003**	**0.6364**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	**0.1794**	**3.8342**	**5.7491**	**8.3100e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.3870**	**785.3870**	**0.2429**		**791.4599**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**2.7040**	**1.2000e-003**	**2.7052**	**0.2959**	**1.1200e-003**	**0.2971**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

3.11 P3 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0412	0.0240	0.2999	1.0200e-003	4.5634	7.5000e-004	4.5641	0.4741	6.9000e-004	0.4748		101.4772	101.4772	2.5100e-003		101.5400
Total	**0.0495**	**0.3228**	**0.3871**	**2.0500e-003**	**5.4495**	**1.1000e-003**	**5.4506**	**0.5676**	**1.0200e-003**	**0.5686**		**213.2803**	**213.2803**	**9.8200e-003**		**213.5256**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0412	0.0240	0.2999	1.0200e-003	2.0203	7.5000e-004	2.0211	0.2201	6.9000e-004	0.2208		101.4772	101.4772	2.5100e-003		101.5400
Total	**0.0495**	**0.3228**	**0.3871**	**2.0500e-003**	**2.4153**	**1.1000e-003**	**2.4164**	**0.2645**	**1.0200e-003**	**0.2655**		**213.2803**	**213.2803**	**9.8200e-003**		**213.5256**

3.12 P3 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.2320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**22.7141**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.2320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**22.3773**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**0.9723**	**5.6000e-004**	**0.9728**	**0.1073**	**5.3000e-004**	**0.1078**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

3.13 P4 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5544	0.0000	0.5544	0.0599	0.0000	0.0599			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.5544**	**0.5115**	**1.0659**	**0.0599**	**0.4811**	**0.5410**		**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**6.1014**	**1.2000e-003**	**6.1026**	**0.6353**	**1.1200e-003**	**0.6364**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2162	0.0000	0.2162	0.0233	0.0000	0.0233			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2162**	**0.0726**	**0.2888**	**0.0233**	**0.0726**	**0.0959**	**0.0000**	**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**2.7040**	**1.2000e-003**	**2.7052**	**0.2959**	**1.1200e-003**	**0.2971**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

3.14 P3 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	**0.2858**	**3.3713**	**5.3664**	**8.3100e-003**		**0.1086**	**0.1086**		**0.1010**	**0.1010**		**785.3870**	**785.3870**	**0.2429**		**791.4599**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0412	0.0240	0.2999	1.0200e-003	4.5634	7.5000e-004	4.5641	0.4741	6.9000e-004	0.4748		101.4772	101.4772	2.5100e-003		101.5400
Total	**0.0495**	**0.3228**	**0.3871**	**2.0500e-003**	**5.4495**	**1.1000e-003**	**5.4506**	**0.5676**	**1.0200e-003**	**0.5686**		**213.2803**	**213.2803**	**9.8200e-003**		**213.5256**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	**0.1794**	**3.8342**	**5.7491**	**8.3100e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.3870**	**785.3870**	**0.2429**		**791.4599**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0412	0.0240	0.2999	1.0200e-003	2.0203	7.5000e-004	2.0211	0.2201	6.9000e-004	0.2208		101.4772	101.4772	2.5100e-003		101.5400
Total	**0.0495**	**0.3228**	**0.3871**	**2.0500e-003**	**2.4153**	**1.1000e-003**	**2.4164**	**0.2645**	**1.0200e-003**	**0.2655**		**213.2803**	**213.2803**	**9.8200e-003**		**213.5256**

3.15 P4 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**6.1014**	**1.2000e-003**	**6.1026**	**0.6353**	**1.1200e-003**	**0.6364**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**2.7040**	**1.2000e-003**	**2.7052**	**0.2959**	**1.1200e-003**	**0.2971**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

3.16 P4 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**27.6258**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**27.2890**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**0.9723**	**5.6000e-004**	**0.9728**	**0.1073**	**5.3000e-004**	**0.1078**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

3.17 P5 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.5062**	**0.5115**	**1.0177**	**0.0547**	**0.4811**	**0.5358**		**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**6.1014**	**1.2000e-003**	**6.1026**	**0.6353**	**1.1200e-003**	**0.6364**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1974**	**0.0726**	**0.2700**	**0.0213**	**0.0726**	**0.0939**	**0.0000**	**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**2.7040**	**1.2000e-003**	**2.7052**	**0.2959**	**1.1200e-003**	**0.2971**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

3.18 P4 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	**0.2858**	**3.3713**	**5.3664**	**8.3100e-003**		**0.1086**	**0.1086**		**0.1010**	**0.1010**		**785.3870**	**785.3870**	**0.2429**		**791.4599**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	5.2153	8.5000e-004	5.2161	0.5418	7.9000e-004	0.5426		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**6.1014**	**1.2000e-003**	**6.1026**	**0.6353**	**1.1200e-003**	**0.6364**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	**0.1794**	**3.8342**	**5.7491**	**8.3100e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.3870**	**785.3870**	**0.2429**		**791.4599**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0471	0.0275	0.3427	1.1600e-003	2.3089	8.5000e-004	2.3098	0.2515	7.9000e-004	0.2523		115.9739	115.9739	2.8700e-003		116.0457
Total	**0.0554**	**0.3263**	**0.4300**	**2.1900e-003**	**2.7040**	**1.2000e-003**	**2.7052**	**0.2959**	**1.1200e-003**	**0.2971**		**227.7770**	**227.7770**	**0.0102**		**228.0313**

3.19 P5 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**		**635.7734**	**635.7734**	**0.2056**		**640.9139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0449	0.0253	0.3202	1.1200e-003	5.2153	8.4000e-004	5.2161	0.5418	7.7000e-004	0.5426		111.2819	111.2819	2.6500e-003		111.3481
Total	**0.0530**	**0.3198**	**0.4057**	**2.1500e-003**	**6.1014**	**1.1800e-003**	**6.1026**	**0.6353**	**1.0900e-003**	**0.6364**		**222.3971**	**222.3971**	**9.8800e-003**		**222.6441**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.7734**	**635.7734**	**0.2056**		**640.9139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0449	0.0253	0.3202	1.1200e-003	2.3089	8.4000e-004	2.3098	0.2515	7.7000e-004	0.2523		111.2819	111.2819	2.6500e-003		111.3481
Total	**0.0530**	**0.3198**	**0.4057**	**2.1500e-003**	**2.7040**	**1.1800e-003**	**2.7051**	**0.2959**	**1.0900e-003**	**0.2970**		**222.3971**	**222.3971**	**9.8800e-003**		**222.6441**

3.20 P5 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	**27.5994**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**		**750.5281**	**750.5281**	**0.0409**		**751.5516**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**2.1900**	**5.5000e-004**	**2.1905**	**0.2289**	**5.1000e-004**	**0.2294**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	**27.2890**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0409**		**751.5516**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**0.9723**	**5.5000e-004**	**0.9728**	**0.1073**	**5.1000e-004**	**0.1078**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

3.21 P6 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	**1.0293**	**9.9864**	**9.5658**	**0.0194**	**0.5303**	**0.4465**	**0.9767**	**0.0573**	**0.4200**	**0.4772**		**1,841.6106**	**1,841.6106**	**0.4082**		**1,851.8164**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0337	0.0190	0.2401	8.4000e-004	3.9115	6.3000e-004	3.9121	0.4064	5.8000e-004	0.4070		83.4614	83.4614	1.9900e-003		83.5111
Total	**0.0418**	**0.3135**	**0.3257**	**1.8700e-003**	**4.7976**	**9.7000e-004**	**4.7986**	**0.4998**	**9.0000e-004**	**0.5008**		**194.5766**	**194.5766**	**9.2200e-003**		**194.8071**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2068**	**0.0726**	**0.2794**	**0.0223**	**0.0726**	**0.0949**	**0.0000**	**1,841.6106**	**1,841.6106**	**0.4082**		**1,851.8164**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0337	0.0190	0.2401	8.4000e-004	1.7317	6.3000e-004	1.7323	0.1886	5.8000e-004	0.1892		83.4614	83.4614	1.9900e-003		83.5111
Total	**0.0418**	**0.3135**	**0.3257**	**1.8700e-003**	**2.1267**	**9.7000e-004**	**2.1277**	**0.2331**	**9.0000e-004**	**0.2340**		**194.5766**	**194.5766**	**9.2200e-003**		**194.8071**

3.22 P5 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	**0.2743**	**3.2367**	**5.3523**	**8.3000e-003**		**0.0985**	**0.0985**		**0.0917**	**0.0917**		**785.1838**	**785.1838**	**0.2429**		**791.2550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0449	0.0253	0.3202	1.1200e-003	5.2153	8.4000e-004	5.2161	0.5418	7.7000e-004	0.5426		111.2819	111.2819	2.6500e-003		111.3481
Total	**0.0530**	**0.3198**	**0.4057**	**2.1500e-003**	**6.1014**	**1.1800e-003**	**6.1026**	**0.6353**	**1.0900e-003**	**0.6364**		**222.3971**	**222.3971**	**9.8800e-003**		**222.6441**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	**0.1794**	**3.8342**	**5.7491**	**8.3000e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.1838**	**785.1838**	**0.2429**		**791.2550**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0449	0.0253	0.3202	1.1200e-003	2.3089	8.4000e-004	2.3098	0.2515	7.7000e-004	0.2523		111.2819	111.2819	2.6500e-003		111.3481
Total	**0.0530**	**0.3198**	**0.4057**	**2.1500e-003**	**2.7040**	**1.1800e-003**	**2.7051**	**0.2959**	**1.0900e-003**	**0.2970**		**222.3971**	**222.3971**	**9.8800e-003**		**222.6441**

3.23 P6 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**		**635.7734**	**635.7734**	**0.2056**		**640.9139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0337	0.0190	0.2401	8.4000e-004	3.9115	6.3000e-004	3.9121	0.4064	5.8000e-004	0.4070		83.4614	83.4614	1.9900e-003		83.5111
Total	**0.0418**	**0.3135**	**0.3257**	**1.8700e-003**	**4.7976**	**9.7000e-004**	**4.7986**	**0.4998**	**9.0000e-004**	**0.5008**		**194.5766**	**194.5766**	**9.2200e-003**		**194.8071**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.7734**	**635.7734**	**0.2056**		**640.9139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0337	0.0190	0.2401	8.4000e-004	1.7317	6.3000e-004	1.7323	0.1886	5.8000e-004	0.1892		83.4614	83.4614	1.9900e-003		83.5111
Total	**0.0418**	**0.3135**	**0.3257**	**1.8700e-003**	**2.1267**	**9.7000e-004**	**2.1277**	**0.2331**	**9.0000e-004**	**0.2340**		**194.5766**	**194.5766**	**9.2200e-003**		**194.8071**

3.24 P6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.5793					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	**20.0350**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**		**750.5281**	**750.5281**	**0.0409**		**751.5516**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	**0.0137**	**0.2977**	**0.1256**	**1.1700e-003**	**1.5381**	**4.5000e-004**	**1.5385**	**0.1612**	**4.2000e-004**	**0.1616**		**125.0254**	**125.0254**	**7.5600e-003**		**125.2145**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.5793					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	**19.7246**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0409**		**751.5516**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	**0.0137**	**0.2977**	**0.1256**	**1.1700e-003**	**0.6837**	**4.5000e-004**	**0.6841**	**0.0759**	**4.2000e-004**	**0.0763**		**125.0254**	**125.0254**	**7.5600e-003**		**125.2145**

3.25 P7 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5555	0.0000	0.5555	0.0600	0.0000	0.0600			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	**1.0293**	**9.9864**	**9.5658**	**0.0194**	**0.5555**	**0.4465**	**1.0020**	**0.0600**	**0.4200**	**0.4800**		**1,841.6106**	**1,841.6106**	**0.4082**		**1,851.8164**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.8823	1.7000e-004	0.8824	0.0919	1.6000e-004	0.0921		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0140	7.9200e-003	0.1001	3.5000e-004	3.2542	2.6000e-004	3.2544	0.3365	2.4000e-004	0.3368		34.7756	34.7756	8.3000e-004		34.7963
Total	**0.0181**	**0.1552**	**0.1428**	**8.6000e-004**	**4.1364**	**4.3000e-004**	**4.1369**	**0.4284**	**4.0000e-004**	**0.4289**		**90.3332**	**90.3332**	**4.4500e-003**		**90.4443**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2167	0.0000	0.2167	0.0234	0.0000	0.0234			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2167**	**0.0726**	**0.2893**	**0.0234**	**0.0726**	**0.0960**	**0.0000**	**1,841.6106**	**1,841.6106**	**0.4082**		**1,851.8164**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.3912	1.7000e-004	0.3913	0.0429	1.6000e-004	0.0430		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0140	7.9200e-003	0.1001	3.5000e-004	1.4377	2.6000e-004	1.4380	0.1551	2.4000e-004	0.1553		34.7756	34.7756	8.3000e-004		34.7963
Total	**0.0181**	**0.1552**	**0.1428**	**8.6000e-004**	**1.8289**	**4.3000e-004**	**1.8293**	**0.1980**	**4.0000e-004**	**0.1984**		**90.3332**	**90.3332**	**4.4500e-003**		**90.4443**

3.26 P6 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	**0.2743**	**3.2367**	**5.3523**	**8.3000e-003**		**0.0985**	**0.0985**		**0.0917**	**0.0917**		**785.1838**	**785.1838**	**0.2429**		**791.2550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0337	0.0190	0.2401	8.4000e-004	3.9115	6.3000e-004	3.9121	0.4064	5.8000e-004	0.4070		83.4614	83.4614	1.9900e-003		83.5111
Total	**0.0418**	**0.3135**	**0.3257**	**1.8700e-003**	**4.7976**	**9.7000e-004**	**4.7986**	**0.4998**	**9.0000e-004**	**0.5008**		**194.5766**	**194.5766**	**9.2200e-003**		**194.8071**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	**0.1794**	**3.8342**	**5.7491**	**8.3000e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.1838**	**785.1838**	**0.2429**		**791.2550**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0337	0.0190	0.2401	8.4000e-004	1.7317	6.3000e-004	1.7323	0.1886	5.8000e-004	0.1892		83.4614	83.4614	1.9900e-003		83.5111
Total	**0.0418**	**0.3135**	**0.3257**	**1.8700e-003**	**2.1267**	**9.7000e-004**	**2.1277**	**0.2331**	**9.0000e-004**	**0.2340**		**194.5766**	**194.5766**	**9.2200e-003**		**194.8071**

3.27 P7 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**		**635.7734**	**635.7734**	**0.2056**		**640.9139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		41.7307	41.7307	9.9000e-004		41.7555
Total	**0.0209**	**0.1568**	**0.1628**	**9.3000e-004**	**2.3988**	**4.9000e-004**	**2.3993**	**0.2499**	**4.5000e-004**	**0.2504**		**97.2883**	**97.2883**	**4.6100e-003**		**97.4035**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.7734**	**635.7734**	**0.2056**		**640.9139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		41.7307	41.7307	9.9000e-004		41.7555
Total	**0.0209**	**0.1568**	**0.1628**	**9.3000e-004**	**1.0634**	**4.9000e-004**	**1.0639**	**0.1165**	**4.5000e-004**	**0.1170**		**97.2883**	**97.2883**	**4.6100e-003**		**97.4035**

3.28 P7 Architectural Coating (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.3405					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	**10.7961**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**		**750.5281**	**750.5281**	**0.0409**		**751.5516**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	**0.0137**	**0.2977**	**0.1256**	**1.1700e-003**	**1.5381**	**4.5000e-004**	**1.5385**	**0.1612**	**4.2000e-004**	**0.1616**		**125.0254**	**125.0254**	**7.5600e-003**		**125.2145**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.3405					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	**10.4857**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0409**		**751.5516**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	**0.0137**	**0.2977**	**0.1256**	**1.1700e-003**	**0.6837**	**4.5000e-004**	**0.6841**	**0.0759**	**4.2000e-004**	**0.0763**		**125.0254**	**125.0254**	**7.5600e-003**		**125.2145**

3.29 P7 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	**0.2743**	**3.2367**	**5.3523**	**8.3000e-003**		**0.0985**	**0.0985**		**0.0917**	**0.0917**		**785.1838**	**785.1838**	**0.2429**		**791.2550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		41.7307	41.7307	9.9000e-004		41.7555
Total	**0.0209**	**0.1568**	**0.1628**	**9.3000e-004**	**2.3988**	**4.9000e-004**	**2.3993**	**0.2499**	**4.5000e-004**	**0.2504**		**97.2883**	**97.2883**	**4.6100e-003**		**97.4035**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	**0.1794**	**3.8342**	**5.7491**	**8.3000e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**785.1838**	**785.1838**	**0.2429**		**791.2550**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		41.7307	41.7307	9.9000e-004		41.7555
Total	**0.0209**	**0.1568**	**0.1628**	**9.3000e-004**	**1.0634**	**4.9000e-004**	**1.0639**	**0.1165**	**4.5000e-004**	**0.1170**		**97.2883**	**97.2883**	**4.6100e-003**		**97.4035**

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Date: 9/28/2017 9:33 AM

South Village Residential - LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P1 Architectural Coating	0.01	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.35	0.02	-0.09	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.33	-0.09	-0.07	0.00	0.14	0.08	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.67	0.42	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.01	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.33	-0.02	-0.09	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.31	-0.13	-0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.67	0.42	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.01	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.33	-0.02	-0.09	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.32	-0.13	-0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.65	0.38	-0.20	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	0.01	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	0.33	-0.02	-0.09	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	0.31	-0.13	-0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.65	0.38	-0.20	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	0.01	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.29	-0.08	-0.09	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.29	-0.17	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	0.65	0.38	-0.20	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	0.02	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.30	-0.08	-0.09	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.30	-0.17	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	0.63	0.32	-0.21	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating (mo. 1)	0.03	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.33	-0.09	-0.09	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.32	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	14	14	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	14	14	No Change	0.00
Graders	Diesel	Tier 4 Interim	7	7	No Change	0.00
Pumps	Diesel	Tier 4 Interim	7	7	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	14	14	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	21	21	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	7	7	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	7	7	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	7.21800E-002	4.86140E-001	7.33590E-001	1.20000E-003	2.36300E-002	2.36300E-002	0.00000E+000	1.03492E+002	1.03492E+002	5.80000E-003	0.00000E+000	1.03637E+002
Cement and Mortar Mixers	8.99000E-003	5.63300E-002	4.71800E-002	1.10000E-004	2.19000E-003	2.19000E-003	0.00000E+000	7.01163E+000	7.01163E+000	7.30000E-004	0.00000E+000	7.02983E+000
Graders	2.68300E-002	3.13820E-001	1.26170E-001	5.10000E-004	1.01600E-002	9.34000E-003	0.00000E+000	4.44527E+001	4.44527E+001	1.43800E-002	0.00000E+000	4.48121E+001
Pumps	2.34600E-002	1.97820E-001	2.84590E-001	5.00000E-004	9.01000E-003	9.01000E-003	0.00000E+000	4.32384E+001	4.32384E+001	1.88000E-003	0.00000E+000	4.32854E+001
Rough Terrain Forklifts	3.06100E-002	4.04660E-001	6.96480E-001	1.05000E-003	1.20300E-002	1.10700E-002	0.00000E+000	9.21910E+001	9.21910E+001	2.98200E-002	0.00000E+000	9.29364E+001
Skid Steer Loaders	1.41600E-002	1.88310E-001	3.17320E-001	4.80000E-004	5.99000E-003	5.51000E-003	0.00000E+000	4.17474E+001	4.17474E+001	1.35000E-002	0.00000E+000	4.20849E+001
Tractors/Loaders/Backhoes	3.19100E-002	3.22010E-001	5.09000E-001	7.10000E-004	1.42500E-002	1.31100E-002	0.00000E+000	6.24368E+001	6.24368E+001	2.01900E-002	0.00000E+000	6.29417E+001
Trenchers	2.56000E-002	2.38670E-001	1.97790E-001	2.60000E-004	1.63600E-002	1.50500E-002	0.00000E+000	2.27092E+001	2.27092E+001	7.34000E-003	0.00000E+000	2.28928E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	2.20800E-002	4.29580E-001	7.42740E-001	1.20000E-003	1.61000E-003	1.61000E-003	0.00000E+000	1.03492E+002	1.03492E+002	5.80000E-003	0.00000E+000	1.03637E+002
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	1.10000E-004	0.00000E+000	0.00000E+000	0.00000E+000	7.01162E+000	7.01162E+000	7.30000E-004	0.00000E+000	7.02982E+000
Graders	8.28000E-003	1.33440E-001	2.68960E-001	5.10000E-004	8.30000E-004	8.30000E-004	0.00000E+000	4.44527E+001	4.44527E+001	1.43800E-002	0.00000E+000	4.48121E+001
Pumps	9.23000E-003	1.79480E-001	3.10310E-001	5.00000E-004	6.70000E-004	6.70000E-004	0.00000E+000	4.32383E+001	4.32383E+001	1.88000E-003	0.00000E+000	4.32854E+001
Rough Terrain Forklifts	2.36300E-002	4.59710E-001	7.94830E-001	1.05000E-003	1.72000E-003	1.72000E-003	0.00000E+000	9.21908E+001	9.21908E+001	2.98200E-002	0.00000E+000	9.29363E+001
Skid Steer Loaders	1.16800E-002	2.66730E-001	3.60180E-001	4.80000E-004	1.09000E-002	1.09000E-002	0.00000E+000	4.17473E+001	4.17473E+001	1.35000E-002	0.00000E+000	4.20849E+001
Tractors/Loaders/Backhoes	1.58800E-002	3.08850E-001	5.33990E-001	7.10000E-004	1.15000E-003	1.15000E-003	0.00000E+000	6.24368E+001	6.24368E+001	2.01900E-002	0.00000E+000	6.29416E+001
Trenchers	5.79000E-003	1.12610E-001	1.94690E-001	2.60000E-004	4.20000E-004	4.20000E-004	0.00000E+000	2.27092E+001	2.27092E+001	7.34000E-003	0.00000E+000	2.28928E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	6.94098E-001	1.16345E-001	-1.24729E-002	0.00000E+000	9.31866E-001	9.31866E-001	0.00000E+000	1.25614E-006	1.25614E-006	0.00000E+000	0.00000E+000	1.15789E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.42620E-006	1.42620E-006	0.00000E+000	0.00000E+000	1.42251E-006
Graders	6.91390E-001	5.74788E-001	-1.13173E+000	0.00000E+000	9.18307E-001	9.11135E-001	0.00000E+000	1.12479E-006	1.12479E-006	0.00000E+000	0.00000E+000	1.11577E-006
Pumps	6.06564E-001	9.27105E-002	-9.03756E-002	0.00000E+000	9.25638E-001	9.25638E-001	0.00000E+000	1.15638E-006	1.15638E-006	0.00000E+000	0.00000E+000	1.15512E-006
Rough Terrain Forklifts	2.28030E-001	-1.36040E-001	-1.41210E-001	0.00000E+000	8.57024E-001	8.44625E-001	0.00000E+000	1.19318E-006	1.19318E-006	0.00000E+000	0.00000E+000	1.18361E-006
Skid Steer Loaders	1.75141E-001	-4.16441E-001	-1.35069E-001	0.00000E+000	-8.19699E-001	-9.78221E-001	0.00000E+000	1.19768E-006	1.19768E-006	0.00000E+000	0.00000E+000	1.18807E-006
Tractors/Loaders/Backhoes	5.02350E-001	4.08683E-002	-4.90963E-002	0.00000E+000	9.19298E-001	9.12281E-001	0.00000E+000	1.28130E-006	1.28130E-006	0.00000E+000	0.00000E+000	1.11214E-006
Trenchers	7.73828E-001	5.28177E-001	1.56732E-002	0.00000E+000	9.74328E-001	9.72093E-001	0.00000E+000	1.32105E-006	1.32105E-006	0.00000E+000	0.00000E+000	1.31046E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P1 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	Roads	0.18	0.02	0.08	0.01	0.56	0.53
P1 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P1 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P1 Site Preparation (mo. 1)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P2 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	Roads	0.18	0.02	0.08	0.01	0.56	0.53
P2 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P2 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P2 Site Preparation (mo. 1)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P3 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	Roads	0.16	0.02	0.07	0.01	0.56	0.53
P3 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	Roads	0.05	0.01	0.02	0.00	0.56	0.53
P3 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P3 Site Preparation (mo. 1)	Roads	0.05	0.01	0.02	0.00	0.56	0.53
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P4 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	Roads	0.18	0.02	0.08	0.01	0.56	0.53
P4 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P4 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P4 Site Preparation (mo. 1)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P5 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	Roads	0.17	0.02	0.08	0.01	0.56	0.53

P5 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P5 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P5 Site Preparation (mo. 1)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P6 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
P6 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	Roads	0.14	0.01	0.06	0.01	0.56	0.53
P6 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	Roads	0.04	0.00	0.02	0.00	0.56	0.53
P6 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P6 Site Preparation (mo. 1)	Roads	0.05	0.00	0.02	0.00	0.56	0.53
P7 Architectural Coating (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P7 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P7 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P7 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P7 Site Preparation (mo. 1)	Roads	0.04	0.00	0.02	0.00	0.56	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

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

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	South Village Residential - LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	8/1/2023	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
P1 Site Preparation (mo. 1)	Site Preparation	2023/08/01	2023/08/31	5	23
P1 Building Construction 1 (mo. 2-4)	Building Construction	2023/09/01	2023/11/30	5	65
P1 Architectural Coating	Architectural Coating	2023/11/01	2023/12/30	5	43
P1 Building Construction 2 (mo. 5)	Building Construction	2023/12/01	2023/12/31	5	21
P2 Site Preparation (mo. 1)	Site Preparation	2023/12/01	2023/12/31	5	21
P2 Building Construction 1 (mo. 2-4)	Building Construction	2024/01/01	2024/03/31	5	65
P2 Architectural Coating	Architectural Coating	2024/03/01	2024/04/30	5	43
P2 Building Construction 2 (mo. 5)	Building Construction	2024/04/01	2024/04/30	5	22
P3 Site Preparation (mo. 1)	Site Preparation	2024/04/01	2024/04/30	5	22
P3 Building Construction 1 (mo. 2-4)	Building Construction	2024/05/01	2024/07/31	5	66
P3 Architectural Coating	Architectural Coating	2024/07/01	2024/08/31	5	45
P3 Building Construction 2 (mo. 5)	Building Construction	2024/08/01	2024/08/31	5	22
P4 Site Preparation (mo. 1)	Site Preparation	2024/08/01	2024/08/31	5	22
P4 Building Construction 1 (mo. 2-4)	Building Construction	2024/09/01	2024/11/30	5	65
P4 Architectural Coating	Architectural Coating	2024/11/01	2024/12/31	5	43
P4 Building Construction 2 (mo. 5)	Building Construction	2024/12/01	2024/12/31	5	22
P5 Site Preparation (mo. 1)	Site Preparation	2024/12/01	2024/12/31	5	22
P5 Building Construction 1 (mo. 2-4)	Building Construction	2025/01/01	2025/03/31	5	64
P5 Architectural Coating	Architectural Coating	2025/03/01	2025/04/30	5	43
P5 Building Construction 2 (mo. 5)	Building Construction	2025/04/01	2025/04/30	5	22
P6 Site Preparation (mo. 1)	Site Preparation	2025/04/01	2025/04/30	5	22
P6 Building Construction 1 (mo. 2-4)	Building Construction	2025/05/01	2025/07/31	5	66
P6 Architectural Coating	Architectural Coating	2025/07/01	2025/08/31	5	44
P6 Building Construction 2 (mo. 5)	Building Construction	2025/08/01	2025/08/31	5	21
P7 Site Preparation (mo. 1)	Site Preparation	2025/08/01	2025/08/31	5	21
P7 Building Construction 1 (mo. 2-4)	Building Construction	2025/09/01	2025/11/30	5	65
P7 Architectural Coating (mo. 1)	Architectural Coating	2025/11/01	2025/12/31	5	43
P7 Building Construction 2 (mo. 5)	Building Construction	2025/12/01	2025/12/31	5	23

CalEEMod Input Matrix
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
All Phases Site Preparation (mo. 1)	Grader	1	default		
	Skid Steer	1			
	Trencher	1			
	Pump	1			
	Cement Mixer	1			
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1			
	Backhoe	1			
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1			
	Skid Steer	2			
	Cement Mixer	1			
All Phases Architectural Coating	Air Compressor	2			

CalEEMod Input Matrix
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/ Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep	default						
Grading							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
All Phases Site Pre	Refer to Construction VMT worksheet								
All Phases Buildin									
All Phases Buildin									
All Phases Archite									

CalEEMod Input Matrix
Construction Phase

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
All Phases Site Pre	98		default					
All Phases Buildin								
All Phases Buildin								
All Phases Paving								
All Phases Archite								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
P1 Architectural C	50	302,183	100	100,728	N/A	0	N/A	0	N/A	default
P2 Architectural C	50	302,183	100	100,728	N/A	0	N/A	0	N/A	
P3 Architectural C	50	259,014	100	86,338	N/A	0	N/A	0	N/A	
P4 Architectural C	50	302,183	100	100,728	N/A	0	N/A	0	N/A	
P5 Architectural C	50	302,183	100	100,728	N/A	0	N/A	0	N/A	
P6 Architectural C	50	223,040	100	74,347	N/A	0	N/A	0	N/A	
P7 Architectural C	50	115,117	100	38,372	N/A	0	N/A	0	N/A	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/28/2017 12:01 PM

South Village Non-Residential -LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.80	1,920.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Private park and swim club south

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Operational Emissions Modeled Separately

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstructionPhase	NumDays	5.00	21.00
tblConstructionPhase	NumDays	5.00	21.00
tblConstructionPhase	NumDays	100.00	81.00
tblConstructionPhase	NumDays	100.00	81.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	2.00	3.00
tblConstructionPhase	NumDays	5.00	21.00
tblConstructionPhase	NumDays	1.00	2.00
tblConstructionPhase	NumDays	1.00	21.00

tblConstructionPhase	NumDays	1.00	22.00
tblConstructionPhase	NumDays	1.00	2.00
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-10
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblGrading	AcresOfGrading	1.00	0.50
tblGrading	AcresOfGrading	1.00	0.50
tblGrading	AcresOfGrading	0.00	10.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,920.00
tblLandUse	LandUseSquareFeet	0.00	1,920.00
tblLandUse	LotAcreage	0.00	0.80
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	PhaseName		Park 1- Building Construction
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	0.00
tblOffRoadEquipment	UsageHours	4.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00

tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	3.5130	5.6713	7.5699	0.0144	5.4749	0.2201	5.6950	0.7104	0.2059	0.9119	0.0000	1,372.2983	1,372.2983	0.3224	0.0000	1,380.3592
2026	3.2421	5.3998	7.5617	0.0134	4.2583	0.2109	4.3760	0.7104	0.2014	0.9119	0.0000	1,294.5464	1,294.5464	0.3129	0.0000	1,299.9071
Maximum	**3.5130**	**5.6713**	**7.5699**	**0.0144**	**5.4749**	**0.2201**	**5.6950**	**0.7104**	**0.2059**	**0.9119**	**0.0000**	**1,372.2983**	**1,372.2983**	**0.3224**	**0.0000**	**1,380.3592**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	3.5130	5.6713	7.5699	0.0144	2.4307	0.2201	2.6507	0.3001	0.2059	0.5016	0.0000	1,372.2983	1,372.2983	0.3224	0.0000	1,380.3592
2026	3.2421	5.3998	7.5617	0.0134	1.8627	0.2109	1.9805	0.3001	0.2014	0.5015	0.0000	1,294.5464	1,294.5464	0.3129	0.0000	1,299.9071
Maximum	**3.5130**	**5.6713**	**7.5699**	**0.0144**	**2.4307**	**0.2201**	**2.6507**	**0.3001**	**0.2059**	**0.5016**	**0.0000**	**1,372.2983**	**1,372.2983**	**0.3224**	**0.0000**	**1,380.3592**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**55.89**	**0.00**	**54.01**	**57.76**	**0.00**	**45.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5493	0.0308	1.9716	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.5493**	**0.0308**	**1.9716**	**3.4300e-003**	**0.0000**	**0.2653**	**0.2653**	**0.0000**	**0.2653**	**0.2653**	**27.7717**	**11.7956**	**39.5673**	**0.0258**	**2.1800e-003**	**40.8626**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5493	0.0308	1.9716	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.5493**	**0.0308**	**1.9716**	**3.4300e-003**	**0.0000**	**0.2653**	**0.2653**	**0.0000**	**0.2653**	**0.2653**	**27.7717**	**11.7956**	**39.5673**	**0.0258**	**2.1800e-003**	**40.8626**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Park 1- Site Preparation	Site Preparation	1/1/2025	1/2/2025	5	2	
2	Park 1- Grading	Grading	1/3/2025	1/5/2025	5	1	
3	Park 1- Building Construction	Building Construction	1/8/2025	4/30/2025	5	81	
4	Park 1 - Architectural Coating	Architectural Coating	3/1/2025	3/31/2025	5	21	
5	Park 1- Landscaping	Site Preparation	5/1/2025	5/30/2025	5	22	
6	Park 1- Paving	Paving	6/1/2025	6/30/2025	5	21	
7	Swim Club South - Site Prep	Site Preparation	1/1/2026	1/2/2026	5	2	
8	Swim Club South - Grading	Grading	1/3/2026	1/7/2026	5	3	
9	Swim Club South - Building Construction	Building Construction	1/8/2026	4/30/2026	5	81	
10	Swim Club South - Landscaping	Site Preparation	5/1/2026	5/30/2026	5	21	
11	Swim Club South - Architectural Coating	Architectural Coating	5/1/2026	5/30/2026	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 3,888; Residential Outdoor: 1,296; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Site Preparation	Graders	1	8.00	187	0.41
Park 1- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Park 1- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Park 1- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Park 1- Building Construction	Forklifts	1	8.00	89	0.20
Park 1- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Building Construction	Welders	1	8.00	46	0.45
Park 1 - Architectural Coating	Air Compressors	1	6.00	78	0.48
Park 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 1- Paving	Cement and Mortar Mixers	4	6.00	9	0.56

Park 1- Paving	Pavers	1	7.00	130	0.42
Park 1- Paving	Rollers	1	7.00	80	0.38
Park 1- Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Swim Club South - Site Prep	Graders	1	8.00	187	0.41
Swim Club South - Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Swim Club South - Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Swim Club South - Grading	Rubber Tired Dozers	1	1.00	247	0.40
Swim Club South - Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Swim Club South - Building Construction	Forklifts	1	8.00	89	0.20
Swim Club South - Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Swim Club South - Building Construction	Welders	1	8.00	46	0.45
Swim Club South - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club South - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 1- Building Construction	Cranes	0	0.00	231	0.29
Swim Club South - Building Construction	Cranes	0	0.00	231	0.29
Swim Club South - Landscaping	Graders	0	0.00	187	0.41
Swim Club South - Landscaping	Tractors/Loaders/Backhoes	0	0.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Park 1- Site Preparation	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Site Prep	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Grading	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Grading	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Building Construction	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Building Construction	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Paving	7	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1 - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Park 1- Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2651	0.0000	0.2651	0.0286	0.0000	0.0286			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521		942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.2651**	**0.1654**	**0.4305**	**0.0286**	**0.1521**	**0.1808**		**942.2955**	**942.2955**	**0.3048**		**949.9144**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1034	0.0000	0.1034	0.0112	0.0000	0.0112			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.1034**	**0.1654**	**0.2688**	**0.0112**	**0.1521**	**0.1633**	**0.0000**	**942.2955**	**942.2955**	**0.3048**		**949.9144**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**0.9723**	**5.6000e-004**	**0.9728**	**0.1073**	**5.3000e-004**	**0.1078**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

3.3 Park 1- Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008		1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.7528**	**0.2102**	**0.9630**	**0.4138**	**0.2008**	**0.6146**		**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0193	0.0107	0.1121	3.9000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		39.1803	39.1803	9.3000e-004		39.2037
Total	**0.0279**	**0.3038**	**0.2058**	**1.3900e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**147.4710**	**147.4710**	**8.5300e-003**		**147.6844**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.2936**	**0.2102**	**0.5038**	**0.1614**	**0.2008**	**0.3622**	**0.0000**	**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0193	0.0107	0.1121	3.9000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		39.1803	39.1803	9.3000e-004		39.2037
Total	**0.0279**	**0.3038**	**0.2058**	**1.3900e-003**	**1.2609**	**6.7000e-004**	**1.2616**	**0.1387**	**6.3000e-004**	**0.1394**		**147.4710**	**147.4710**	**8.5300e-003**		**147.6844**

3.4 Park 1- Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4388	3.4957	5.0151	7.2000e-003		0.1388	0.1388		0.1310	0.1310		657.5644	657.5644	0.1653		661.6965
Total	**0.4388**	**3.4957**	**5.0151**	**7.2000e-003**		**0.1388**	**0.1388**		**0.1310**	**0.1310**		**657.5644**	**657.5644**	**0.1653**		**661.6965**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0193	0.0107	0.1121	3.9000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		39.1803	39.1803	9.3000e-004		39.2037
Total	**0.0279**	**0.3038**	**0.2058**	**1.3900e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**147.4710**	**147.4710**	**8.5300e-003**		**147.6844**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4388	3.4957	5.0151	7.2000e-003		0.1388	0.1388		0.1310	0.1310	0.0000	657.5644	657.5644	0.1653		661.6965
Total	**0.4388**	**3.4957**	**5.0151**	**7.2000e-003**		**0.1388**	**0.1388**		**0.1310**	**0.1310**	**0.0000**	**657.5644**	**657.5644**	**0.1653**		**661.6965**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0193	0.0107	0.1121	3.9000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		39.1803	39.1803	9.3000e-004		39.2037
Total	**0.0279**	**0.3038**	**0.2058**	**1.3900e-003**	**1.2609**	**6.7000e-004**	**1.2616**	**0.1387**	**6.3000e-004**	**0.1394**		**147.4710**	**147.4710**	**8.5300e-003**		**147.6844**

3.5 Park 1 - Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.8605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**3.0313**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	**0.0150**	**0.2967**	**0.1311**	**1.1300e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**121.3508**	**121.3508**	**7.9100e-003**		**121.5486**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.8605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**3.0313**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	**0.0150**	**0.2967**	**0.1311**	**1.1300e-003**	**0.6837**	**4.6000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**121.3508**	**121.3508**	**7.9100e-003**		**121.5486**

3.6 Park 1- Landscaping - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	**0.1186**	**1.5842**	**2.7584**	**4.1400e-003**	**0.0000**	**0.0481**	**0.0481**	**0.0000**	**0.0442**	**0.0442**		**400.9499**	**400.9499**	**0.1297**		**404.1918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442	0.0000	400.9499	400.9499	0.1297		404.1918
Total	**0.1186**	**1.5842**	**2.7584**	**4.1400e-003**	**0.0000**	**0.0481**	**0.0481**	**0.0000**	**0.0442**	**0.0442**	**0.0000**	**400.9499**	**400.9499**	**0.1297**		**404.1918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**0.9723**	**5.6000e-004**	**0.9728**	**0.1073**	**5.3000e-004**	**0.1078**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

3.7 Park 1- Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5638**	**4.9206**	**7.0257**	**0.0113**		**0.2186**	**0.2186**		**0.2046**	**0.2046**		**1,036.2711**	**1,036.2711**	**0.3019**		**1,043.8179**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	**0.0536**	**0.7507**	**0.4212**	**3.1500e-003**	**5.4749**	**1.4200e-003**	**5.4763**	**0.5723**	**1.3300e-003**	**0.5736**		**336.0272**	**336.0272**	**0.0206**		**336.5413**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5638**	**4.9206**	**7.0257**	**0.0113**		**0.2186**	**0.2186**		**0.2046**	**0.2046**	**0.0000**	**1,036.2711**	**1,036.2711**	**0.3019**		**1,043.8179**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	**0.0536**	**0.7507**	**0.4212**	**3.1500e-003**	**2.4307**	**1.4200e-003**	**2.4321**	**0.2682**	**1.3300e-003**	**0.2696**		**336.0272**	**336.0272**	**0.0206**		**336.5413**

3.8 Swim Club South - Site Prep - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2651	0.0000	0.2651	0.0286	0.0000	0.0286			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521		942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.2651**	**0.1654**	**0.4305**	**0.0286**	**0.1521**	**0.1808**		**942.2955**	**942.2955**	**0.3048**		**949.9144**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	**0.0207**	**0.2956**	**0.1626**	**1.2400e-003**	**2.1900**	**5.4000e-004**	**2.1905**	**0.2289**	**5.2000e-004**	**0.2294**		**132.8451**	**132.8451**	**8.1000e-003**		**133.0475**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1034	0.0000	0.1034	0.0112	0.0000	0.0112			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.1034**	**0.1654**	**0.2688**	**0.0112**	**0.1521**	**0.1633**	**0.0000**	**942.2955**	**942.2955**	**0.3048**		**949.9144**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	**0.0207**	**0.2956**	**0.1626**	**1.2400e-003**	**0.9723**	**5.4000e-004**	**0.9728**	**0.1073**	**5.2000e-004**	**0.1078**		**132.8451**	**132.8451**	**8.1000e-003**		**133.0475**

3.9 Swim Club South - Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008		1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.7528**	**0.2102**	**0.9630**	**0.4138**	**0.2008**	**0.6146**		**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0185	9.9100e-003	0.1053	3.8000e-004	1.9557	3.1000e-004	1.9560	0.2032	2.8000e-004	0.2035		37.7455	37.7455	8.7000e-004		37.7673
Total	**0.0269**	**0.2989**	**0.1977**	**1.3700e-003**	**2.8419**	**6.5000e-004**	**2.8425**	**0.2967**	**6.1000e-004**	**0.2973**		**145.4269**	**145.4269**	**8.3900e-003**		**145.6366**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.2936**	**0.2102**	**0.5038**	**0.1614**	**0.2008**	**0.3622**	**0.0000**	**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0185	9.9100e-003	0.1053	3.8000e-004	0.8659	3.1000e-004	0.8662	0.0943	2.8000e-004	0.0946		37.7455	37.7455	8.7000e-004		37.7673
Total	**0.0269**	**0.2989**	**0.1977**	**1.3700e-003**	**1.2609**	**6.5000e-004**	**1.2615**	**0.1387**	**6.1000e-004**	**0.1393**		**145.4269**	**145.4269**	**8.3900e-003**		**145.6366**

3.10 Swim Club South - Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4388	3.4957	5.0151	7.2000e-003		0.1388	0.1388		0.1310	0.1310		657.5644	657.5644	0.1653		661.6965
Total	**0.4388**	**3.4957**	**5.0151**	**7.2000e-003**		**0.1388**	**0.1388**		**0.1310**	**0.1310**		**657.5644**	**657.5644**	**0.1653**		**661.6965**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0185	9.9100e-003	0.1053	3.8000e-004	1.9557	3.1000e-004	1.9560	0.2032	2.8000e-004	0.2035		37.7455	37.7455	8.7000e-004		37.7673
Total	**0.0269**	**0.2989**	**0.1977**	**1.3700e-003**	**2.8419**	**6.5000e-004**	**2.8425**	**0.2967**	**6.1000e-004**	**0.2973**		**145.4269**	**145.4269**	**8.3900e-003**		**145.6366**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4388	3.4957	5.0151	7.2000e-003		0.1388	0.1388		0.1310	0.1310	0.0000	657.5644	657.5644	0.1653		661.6965
Total	**0.4388**	**3.4957**	**5.0151**	**7.2000e-003**		**0.1388**	**0.1388**		**0.1310**	**0.1310**	**0.0000**	**657.5644**	**657.5644**	**0.1653**		**661.6965**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0185	9.9100e-003	0.1053	3.8000e-004	0.8659	3.1000e-004	0.8662	0.0943	2.8000e-004	0.0946		37.7455	37.7455	8.7000e-004		37.7673
Total	**0.0269**	**0.2989**	**0.1977**	**1.3700e-003**	**1.2609**	**6.5000e-004**	**1.2615**	**0.1387**	**6.1000e-004**	**0.1393**		**145.4269**	**145.4269**	**8.3900e-003**		**145.6366**

3.11 Swim Club South - Landscaping - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	**0.1186**	**1.5842**	**2.7584**	**4.1400e-003**	**0.5303**	**0.0481**	**0.5783**	**0.0573**	**0.0442**	**0.1015**		**400.9499**	**400.9499**	**0.1297**		**404.1918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	**0.0207**	**0.2956**	**0.1626**	**1.2400e-003**	**2.1900**	**5.4000e-004**	**2.1905**	**0.2289**	**5.2000e-004**	**0.2294**		**132.8451**	**132.8451**	**8.1000e-003**		**133.0475**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442	0.0000	400.9499	400.9499	0.1297		404.1918
Total	**0.1186**	**1.5842**	**2.7584**	**4.1400e-003**	**0.2068**	**0.0481**	**0.2549**	**0.0223**	**0.0442**	**0.0666**	**0.0000**	**400.9499**	**400.9499**	**0.1297**		**404.1918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	**0.0207**	**0.2956**	**0.1626**	**1.2400e-003**	**0.9723**	**5.4000e-004**	**0.9728**	**0.1073**	**5.2000e-004**	**0.1078**		**132.8451**	**132.8451**	**8.1000e-003**		**133.0475**

3.12 Swim Club South - Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.8605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**3.0883**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.5818	12.5818	2.9000e-004		12.5891
Total	**0.0145**	**0.2923**	**0.1275**	**1.1200e-003**	**1.5381**	**4.4000e-004**	**1.5385**	**0.1612**	**4.2000e-004**	**0.1616**		**120.2632**	**120.2632**	**7.8100e-003**		**120.4584**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.8605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**3.0883**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.5818	12.5818	2.9000e-004		12.5891
Total	**0.0145**	**0.2923**	**0.1275**	**1.1200e-003**	**0.6837**	**4.4000e-004**	**0.6841**	**0.0759**	**4.2000e-004**	**0.0763**		**120.2632**	**120.2632**	**7.8100e-003**		**120.4584**

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/28/2017 11:59 AM

South Village Non-Residential -LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.80	1,920.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Private park and swim club south

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Operational Emissions Modeled Separately

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstructionPhase	NumDays	5.00	21.00
tblConstructionPhase	NumDays	100.00	81.00
tblConstructionPhase	NumDays	100.00	81.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	2.00	3.00
tblConstructionPhase	NumDays	5.00	21.00
tblConstructionPhase	NumDays	1.00	2.00
tblConstructionPhase	NumDays	1.00	21.00

tblConstructionPhase	NumDays	1.00	22.00
tblConstructionPhase	NumDays	1.00	2.00
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-10
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblGrading	AcresOfGrading	1.00	0.50
tblGrading	AcresOfGrading	1.00	0.50
tblGrading	AcresOfGrading	0.00	10.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,920.00
tblLandUse	LandUseSquareFeet	0.00	1,920.00
tblLandUse	LotAcreage	0.00	0.80
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	PhaseName		Park 1- Building Construction
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	0.00
tblOffRoadEquipment	UsageHours	4.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00

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tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	WorkerTripNumber	5.00	4.00
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tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	3.5088	5.6727	7.5697	0.0145	5.4749	0.2200	5.6949	0.7104	0.2059	0.9119	0.0000	1,383.6103	1,383.6103	0.3216	0.0000	1,391.6505
2026	3.2388	5.4000	7.5613	0.0134	4.2583	0.2109	4.3760	0.7104	0.2014	0.9119	0.0000	1,299.7930	1,299.7930	0.3125	0.0000	1,305.1462
Maximum	**3.5088**	**5.6727**	**7.5697**	**0.0145**	**5.4749**	**0.2200**	**5.6949**	**0.7104**	**0.2059**	**0.9119**	**0.0000**	**1,383.6103**	**1,383.6103**	**0.3216**	**0.0000**	**1,391.6505**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	3.5088	5.6727	7.5697	0.0145	2.4307	0.2200	2.6507	0.3001	0.2059	0.5016	0.0000	1,383.6103	1,383.6103	0.3216	0.0000	1,391.6505
2026	3.2388	5.4000	7.5613	0.0134	1.8627	0.2109	1.9804	0.3001	0.2014	0.5015	0.0000	1,299.7930	1,299.7930	0.3125	0.0000	1,305.1462
Maximum	**3.5088**	**5.6727**	**7.5697**	**0.0145**	**2.4307**	**0.2200**	**2.6507**	**0.3001**	**0.2059**	**0.5016**	**0.0000**	**1,383.6103**	**1,383.6103**	**0.3216**	**0.0000**	**1,391.6505**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**55.89**	**0.00**	**54.02**	**57.76**	**0.00**	**45.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5493	0.0308	1.9716	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.5493**	**0.0308**	**1.9716**	**3.4300e-003**	**0.0000**	**0.2653**	**0.2653**	**0.0000**	**0.2653**	**0.2653**	**27.7717**	**11.7956**	**39.5673**	**0.0258**	**2.1800e-003**	**40.8626**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5493	0.0308	1.9716	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.5493**	**0.0308**	**1.9716**	**3.4300e-003**	**0.0000**	**0.2653**	**0.2653**	**0.0000**	**0.2653**	**0.2653**	**27.7717**	**11.7956**	**39.5673**	**0.0258**	**2.1800e-003**	**40.8626**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Park 1- Site Preparation	Site Preparation	1/1/2025	1/2/2025	5	2	
2	Park 1- Grading	Grading	1/3/2025	1/5/2025	5	1	
3	Park 1- Building Construction	Building Construction	1/8/2025	4/30/2025	5	81	
4	Park 1 - Architectural Coating	Architectural Coating	3/1/2025	3/31/2025	5	21	
5	Park 1- Landscaping	Site Preparation	5/1/2025	5/30/2025	5	22	
6	Park 1- Paving	Paving	6/1/2025	6/30/2025	5	21	
7	Swim Club South - Site Prep	Site Preparation	1/1/2026	1/2/2026	5	2	
8	Swim Club South - Grading	Grading	1/3/2026	1/7/2026	5	3	
9	Swim Club South - Building Construction	Building Construction	1/8/2026	4/30/2026	5	81	
10	Swim Club South - Landscaping	Site Preparation	5/1/2026	5/30/2026	5	21	
11	Swim Club South - Architectural Coating	Architectural Coating	5/1/2026	5/30/2026	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 3,888; Residential Outdoor: 1,296; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Site Preparation	Graders	1	8.00	187	0.41
Park 1- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Park 1- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Park 1- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Park 1- Building Construction	Forklifts	1	8.00	89	0.20
Park 1- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Building Construction	Welders	1	8.00	46	0.45
Park 1 - Architectural Coating	Air Compressors	1	6.00	78	0.48
Park 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 1- Paving	Cement and Mortar Mixers	4	6.00	9	0.56

Park 1- Paving	Pavers	1	7.00	130	0.42
Park 1- Paving	Rollers	1	7.00	80	0.38
Park 1- Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Swim Club South - Site Prep	Graders	1	8.00	187	0.41
Swim Club South - Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Swim Club South - Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Swim Club South - Grading	Rubber Tired Dozers	1	1.00	247	0.40
Swim Club South - Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Swim Club South - Building Construction	Forklifts	1	8.00	89	0.20
Swim Club South - Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Swim Club South - Building Construction	Welders	1	8.00	46	0.45
Swim Club South - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club South - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 1- Building Construction	Cranes	0	0.00	231	0.29
Swim Club South - Building Construction	Cranes	0	0.00	231	0.29
Swim Club South - Landscaping	Graders	0	0.00	187	0.41
Swim Club South - Landscaping	Tractors/Loaders/Backhoes	0	0.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Park 1- Site Preparation	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Site Prep	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Grading	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Grading	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Building Construction	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Building Construction	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Paving	7	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1 - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Park 1- Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2651	0.0000	0.2651	0.0286	0.0000	0.0286			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521		942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.2651**	**0.1654**	**0.4305**	**0.0286**	**0.1521**	**0.1808**		**942.2955**	**942.2955**	**0.3048**		**949.9144**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**2.1900**	**5.5000e-004**	**2.1905**	**0.2289**	**5.1000e-004**	**0.2294**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1034	0.0000	0.1034	0.0112	0.0000	0.0112			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.1034**	**0.1654**	**0.2688**	**0.0112**	**0.1521**	**0.1633**	**0.0000**	**942.2955**	**942.2955**	**0.3048**		**949.9144**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**0.9723**	**5.5000e-004**	**0.9728**	**0.1073**	**5.1000e-004**	**0.1078**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

3.3 Park 1- Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008		1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.7528**	**0.2102**	**0.9630**	**0.4138**	**0.2008**	**0.6146**		**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		41.7307	41.7307	9.9000e-004		41.7555
Total	**0.0250**	**0.3040**	**0.2056**	**1.4500e-003**	**2.8419**	**6.6000e-004**	**2.8425**	**0.2967**	**6.1000e-004**	**0.2973**		**152.8459**	**152.8459**	**8.2200e-003**		**153.0516**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.2936**	**0.2102**	**0.5038**	**0.1614**	**0.2008**	**0.3622**	**0.0000**	**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		41.7307	41.7307	9.9000e-004		41.7555
Total	**0.0250**	**0.3040**	**0.2056**	**1.4500e-003**	**1.2609**	**6.6000e-004**	**1.2615**	**0.1387**	**6.1000e-004**	**0.1393**		**152.8459**	**152.8459**	**8.2200e-003**		**153.0516**

3.4 Park 1- Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4388	3.4957	5.0151	7.2000e-003		0.1388	0.1388		0.1310	0.1310		657.5644	657.5644	0.1653		661.6965
Total	**0.4388**	**3.4957**	**5.0151**	**7.2000e-003**		**0.1388**	**0.1388**		**0.1310**	**0.1310**		**657.5644**	**657.5644**	**0.1653**		**661.6965**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		41.7307	41.7307	9.9000e-004		41.7555
Total	**0.0250**	**0.3040**	**0.2056**	**1.4500e-003**	**2.8419**	**6.6000e-004**	**2.8425**	**0.2967**	**6.1000e-004**	**0.2973**		**152.8459**	**152.8459**	**8.2200e-003**		**153.0516**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4388	3.4957	5.0151	7.2000e-003		0.1388	0.1388		0.1310	0.1310	0.0000	657.5644	657.5644	0.1653		661.6965
Total	**0.4388**	**3.4957**	**5.0151**	**7.2000e-003**		**0.1388**	**0.1388**		**0.1310**	**0.1310**	**0.0000**	**657.5644**	**657.5644**	**0.1653**		**661.6965**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		41.7307	41.7307	9.9000e-004		41.7555
Total	**0.0250**	**0.3040**	**0.2056**	**1.4500e-003**	**1.2609**	**6.6000e-004**	**1.2615**	**0.1387**	**6.1000e-004**	**0.1393**		**152.8459**	**152.8459**	**8.2200e-003**		**153.0516**

3.5 Park 1 - Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.8605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**3.0313**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	**0.0137**	**0.2977**	**0.1256**	**1.1700e-003**	**1.5381**	**4.5000e-004**	**1.5385**	**0.1612**	**4.2000e-004**	**0.1616**		**125.0254**	**125.0254**	**7.5600e-003**		**125.2145**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.8605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**3.0313**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	**0.0137**	**0.2977**	**0.1256**	**1.1700e-003**	**0.6837**	**4.5000e-004**	**0.6841**	**0.0759**	**4.2000e-004**	**0.0763**		**125.0254**	**125.0254**	**7.5600e-003**		**125.2145**

3.6 Park 1- Landscaping - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	**0.1186**	**1.5842**	**2.7584**	**4.1400e-003**	**0.0000**	**0.0481**	**0.0481**	**0.0000**	**0.0442**	**0.0442**		**400.9499**	**400.9499**	**0.1297**		**404.1918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**2.1900**	**5.5000e-004**	**2.1905**	**0.2289**	**5.1000e-004**	**0.2294**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442	0.0000	400.9499	400.9499	0.1297		404.1918
Total	**0.1186**	**1.5842**	**2.7584**	**4.1400e-003**	**0.0000**	**0.0481**	**0.0481**	**0.0000**	**0.0442**	**0.0442**	**0.0000**	**400.9499**	**400.9499**	**0.1297**		**404.1918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**0.9723**	**5.5000e-004**	**0.9728**	**0.1073**	**5.1000e-004**	**0.1078**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

3.7 Park 1- Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5638**	**4.9206**	**7.0257**	**0.0113**		**0.2186**	**0.2186**		**0.2046**	**0.2046**		**1,036.2711**	**1,036.2711**	**0.3019**		**1,043.8179**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	**0.0484**	**0.7521**	**0.4139**	**3.2600e-003**	**5.4749**	**1.3800e-003**	**5.4763**	**0.5723**	**1.2900e-003**	**0.5736**		**347.3391**	**347.3391**	**0.0197**		**347.8326**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5638**	**4.9206**	**7.0257**	**0.0113**		**0.2186**	**0.2186**		**0.2046**	**0.2046**	**0.0000**	**1,036.2711**	**1,036.2711**	**0.3019**		**1,043.8179**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	**0.0484**	**0.7521**	**0.4139**	**3.2600e-003**	**2.4307**	**1.3800e-003**	**2.4320**	**0.2682**	**1.2900e-003**	**0.2695**		**347.3391**	**347.3391**	**0.0197**		**347.8326**

3.8 Swim Club South - Site Prep - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2651	0.0000	0.2651	0.0286	0.0000	0.0286			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521		942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.2651**	**0.1654**	**0.4305**	**0.0286**	**0.1521**	**0.1808**		**942.2955**	**942.2955**	**0.3048**		**949.9144**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	**0.0187**	**0.2962**	**0.1596**	**1.2900e-003**	**2.1900**	**5.3000e-004**	**2.1905**	**0.2289**	**5.0000e-004**	**0.2294**		**137.2728**	**137.2728**	**7.7800e-003**		**137.4673**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1034	0.0000	0.1034	0.0112	0.0000	0.0112			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.1034**	**0.1654**	**0.2688**	**0.0112**	**0.1521**	**0.1633**	**0.0000**	**942.2955**	**942.2955**	**0.3048**		**949.9144**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	**0.0187**	**0.2962**	**0.1596**	**1.2900e-003**	**0.9723**	**5.3000e-004**	**0.9728**	**0.1073**	**5.0000e-004**	**0.1078**		**137.2728**	**137.2728**	**7.7800e-003**		**137.4673**

3.9 Swim Club South - Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008		1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.7528**	**0.2102**	**0.9630**	**0.4138**	**0.2008**	**0.6146**		**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0161	8.8400e-003	0.1129	4.0000e-004	1.9557	3.1000e-004	1.9560	0.2032	2.8000e-004	0.2035		40.2021	40.2021	9.3000e-004		40.2252
Total	**0.0240**	**0.2992**	**0.1973**	**1.4200e-003**	**2.8419**	**6.4000e-004**	**2.8425**	**0.2967**	**5.9000e-004**	**0.2973**		**150.6735**	**150.6735**	**8.0900e-003**		**150.8757**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.2936**	**0.2102**	**0.5038**	**0.1614**	**0.2008**	**0.3622**	**0.0000**	**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0161	8.8400e-003	0.1129	4.0000e-004	0.8659	3.1000e-004	0.8662	0.0943	2.8000e-004	0.0946		40.2021	40.2021	9.3000e-004		40.2252
Total	**0.0240**	**0.2992**	**0.1973**	**1.4200e-003**	**1.2609**	**6.4000e-004**	**1.2615**	**0.1387**	**5.9000e-004**	**0.1393**		**150.6735**	**150.6735**	**8.0900e-003**		**150.8757**

3.10 Swim Club South - Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4388	3.4957	5.0151	7.2000e-003		0.1388	0.1388		0.1310	0.1310		657.5644	657.5644	0.1653		661.6965
Total	**0.4388**	**3.4957**	**5.0151**	**7.2000e-003**		**0.1388**	**0.1388**		**0.1310**	**0.1310**		**657.5644**	**657.5644**	**0.1653**		**661.6965**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0161	8.8400e-003	0.1129	4.0000e-004	1.9557	3.1000e-004	1.9560	0.2032	2.8000e-004	0.2035		40.2021	40.2021	9.3000e-004		40.2252
Total	**0.0240**	**0.2992**	**0.1973**	**1.4200e-003**	**2.8419**	**6.4000e-004**	**2.8425**	**0.2967**	**5.9000e-004**	**0.2973**		**150.6735**	**150.6735**	**8.0900e-003**		**150.8757**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4388	3.4957	5.0151	7.2000e-003		0.1388	0.1388		0.1310	0.1310	0.0000	657.5644	657.5644	0.1653		661.6965
Total	**0.4388**	**3.4957**	**5.0151**	**7.2000e-003**		**0.1388**	**0.1388**		**0.1310**	**0.1310**	**0.0000**	**657.5644**	**657.5644**	**0.1653**		**661.6965**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0161	8.8400e-003	0.1129	4.0000e-004	0.8659	3.1000e-004	0.8662	0.0943	2.8000e-004	0.0946		40.2021	40.2021	9.3000e-004		40.2252
Total	**0.0240**	**0.2992**	**0.1973**	**1.4200e-003**	**1.2609**	**6.4000e-004**	**1.2615**	**0.1387**	**5.9000e-004**	**0.1393**		**150.6735**	**150.6735**	**8.0900e-003**		**150.8757**

3.11 Swim Club South - Landscaping - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	**0.1186**	**1.5842**	**2.7584**	**4.1400e-003**	**0.5303**	**0.0481**	**0.5783**	**0.0573**	**0.0442**	**0.1015**		**400.9499**	**400.9499**	**0.1297**		**404.1918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	**0.0187**	**0.2962**	**0.1596**	**1.2900e-003**	**2.1900**	**5.3000e-004**	**2.1905**	**0.2289**	**5.0000e-004**	**0.2294**		**137.2728**	**137.2728**	**7.7800e-003**		**137.4673**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442	0.0000	400.9499	400.9499	0.1297		404.1918
Total	**0.1186**	**1.5842**	**2.7584**	**4.1400e-003**	**0.2068**	**0.0481**	**0.2549**	**0.0223**	**0.0442**	**0.0666**	**0.0000**	**400.9499**	**400.9499**	**0.1297**		**404.1918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	**0.0187**	**0.2962**	**0.1596**	**1.2900e-003**	**0.9723**	**5.3000e-004**	**0.9728**	**0.1073**	**5.0000e-004**	**0.1078**		**137.2728**	**137.2728**	**7.7800e-003**		**137.4673**

3.12 Swim Club South - Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.8605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**3.0883**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		13.4007	13.4007	3.1000e-004		13.4084
Total	**0.0133**	**0.2933**	**0.1220**	**1.1500e-003**	**1.5381**	**4.3000e-004**	**1.5385**	**0.1612**	**4.0000e-004**	**0.1616**		**123.8721**	**123.8721**	**7.4700e-003**		**124.0589**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.8605					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**3.0883**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		13.4007	13.4007	3.1000e-004		13.4084
Total	**0.0133**	**0.2933**	**0.1220**	**1.1500e-003**	**0.6837**	**4.3000e-004**	**0.6841**	**0.0759**	**4.0000e-004**	**0.0763**		**123.8721**	**123.8721**	**7.4700e-003**		**124.0589**

CalEEMod Version: CalEEMod.2016.3.1

Date: 9/28/2017 12:03 PM

South Village Non-Residential -LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Park 1 - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club South - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club South - Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club South - Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club South - Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club South - Site Prep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	2	3	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	4	8	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	3	4	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Skid Steer Loaders	Diesel	No Change	4	4	No Change	0.00
Forklifts	Diesel	No Change	2	4	No Change	0.00
Graders	Diesel	No Change	2	3	No Change	0.00
Pavers	Diesel	No Change	1	2	No Change	0.00
Welders	Diesel	No Change	2	2	No Change	0.00
Rollers	Diesel	No Change	1	2	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	2	4	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	9	17	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	4.19000E-003	2.80600E-002	4.43200E-002	7.00000E-005	1.26000E-003	1.26000E-003	0.00000E+000	6.25547E+000	6.25547E+000	3.40000E-004	0.00000E+000	6.26400E+000
Cement and Mortar Mixers	1.85000E-003	1.16000E-002	9.71000E-003	2.00000E-005	4.50000E-004	4.50000E-004	0.00000E+000	1.44357E+000	1.44357E+000	1.50000E-004	0.00000E+000	1.44732E+000
Concrete/Industrial Saws	5.90000E-004	4.54000E-003	7.29000E-003	1.00000E-005	1.90000E-004	1.90000E-004	0.00000E+000	1.07531E+000	1.07531E+000	5.00000E-005	0.00000E+000	1.07650E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	7.04000E-003	6.63000E-002	9.18300E-002	1.20000E-004	3.55000E-003	3.27000E-003	0.00000E+000	1.08776E+001	1.08776E+001	3.52000E-003	0.00000E+000	1.09656E+001
Graders	6.20000E-004	6.91000E-003	3.19000E-003	1.00000E-005	2.20000E-004	2.00000E-004	0.00000E+000	1.16163E+000	1.16163E+000	3.80000E-004	0.00000E+000	1.17102E+000
Pavers	1.60000E-003	1.45400E-002	2.66000E-002	4.00000E-005	6.80000E-004	6.30000E-004	0.00000E+000	3.79226E+000	3.79226E+000	1.23000E-003	0.00000E+000	3.82292E+000
Rollers	1.26000E-003	1.32600E-002	1.69700E-002	2.00000E-005	6.70000E-004	6.10000E-004	0.00000E+000	2.11755E+000	2.11755E+000	6.80000E-004	0.00000E+000	2.13467E+000
Rubber Tired Dozers	1.60000E-004	1.66000E-003	7.50000E-004	0.00000E+000	7.00000E-005	7.00000E-005	0.00000E+000	1.87550E-001	1.87550E-001	6.00000E-005	0.00000E+000	1.89070E-001
Skid Steer Loaders	2.55000E-003	3.40600E-002	5.93100E-002	9.00000E-005	1.03000E-003	9.50000E-004	0.00000E+000	7.82032E+000	7.82032E+000	2.53000E-003	0.00000E+000	7.88355E+000
Tractors/Loaders/Backhoes	1.25800E-002	1.27080E-001	2.12240E-001	3.00000E-004	5.15000E-003	4.74000E-003	0.00000E+000	2.60833E+001	2.60833E+001	8.44000E-003	0.00000E+000	2.62942E+001
Welders	1.78000E-002	1.08710E-001	1.33780E-001	2.10000E-004	3.31000E-003	3.31000E-003	0.00000E+000	1.52459E+001	1.52459E+001	1.45000E-003	0.00000E+000	1.52821E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	4.19000E-003	2.80600E-002	4.43200E-002	7.00000E-005	1.26000E-003	1.26000E-003	0.00000E+000	6.25546E+000	6.25546E+000	3.40000E-004	0.00000E+000	6.26399E+000
Cement and Mortar Mixers	1.85000E-003	1.16000E-002	9.71000E-003	2.00000E-005	4.50000E-004	4.50000E-004	0.00000E+000	1.44357E+000	1.44357E+000	1.50000E-004	0.00000E+000	1.44732E+000
Concrete/Industrial Saws	5.90000E-004	4.54000E-003	7.29000E-003	1.00000E-005	1.90000E-004	1.90000E-004	0.00000E+000	1.07531E+000	1.07531E+000	5.00000E-005	0.00000E+000	1.07650E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	7.04000E-003	6.63000E-002	9.18300E-002	1.20000E-004	3.55000E-003	3.27000E-003	0.00000E+000	1.08776E+001	1.08776E+001	3.52000E-003	0.00000E+000	1.09655E+001
Graders	6.20000E-004	6.91000E-003	3.19000E-003	1.00000E-005	2.20000E-004	2.00000E-004	0.00000E+000	1.16163E+000	1.16163E+000	3.80000E-004	0.00000E+000	1.17102E+000
Pavers	1.60000E-003	1.45400E-002	2.66000E-002	4.00000E-005	6.80000E-004	6.30000E-004	0.00000E+000	3.79225E+000	3.79225E+000	1.23000E-003	0.00000E+000	3.82292E+000
Rollers	1.26000E-003	1.32600E-002	1.69700E-002	2.00000E-005	6.70000E-004	6.10000E-004	0.00000E+000	2.11754E+000	2.11754E+000	6.80000E-004	0.00000E+000	2.13466E+000
Rubber Tired Dozers	1.60000E-004	1.66000E-003	7.50000E-004	0.00000E+000	7.00000E-005	7.00000E-005	0.00000E+000	1.87550E-001	1.87550E-001	6.00000E-005	0.00000E+000	1.89070E-001
Skid Steer Loaders	2.55000E-003	3.40600E-002	5.93100E-002	9.00000E-005	1.03000E-003	9.50000E-004	0.00000E+000	7.82031E+000	7.82031E+000	2.53000E-003	0.00000E+000	7.88354E+000
Tractors/Loaders/Backhoes	1.25800E-002	1.27080E-001	2.12240E-001	3.00000E-004	5.15000E-003	4.74000E-003	0.00000E+000	2.60833E+001	2.60833E+001	8.44000E-003	0.00000E+000	2.62942E+001
Welders	1.78000E-002	1.08710E-001	1.33780E-001	2.10000E-004	3.31000E-003	3.31000E-003	0.00000E+000	1.52459E+001	1.52459E+001	1.45000E-003	0.00000E+000	1.52821E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.59860E-006	1.59860E-006	0.00000E+000	0.00000E+000	1.59642E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.83864E-006	1.83864E-006	0.00000E+000	0.00000E+000	1.82389E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.63695E-006	2.63695E-006	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	4.72244E-006	4.72244E-006	0.00000E+000	0.00000E+000	4.68456E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.27872E-006	1.27872E-006	0.00000E+000	0.00000E+000	1.26846E-006
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.15016E-006	1.15016E-006	0.00000E+000	0.00000E+000	1.14094E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.31183E-006	1.31183E-006	0.00000E+000	0.00000E+000	1.30872E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Park 1 - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1 - Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Park 1- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Building Construction	Roads	0.10	0.01	0.05	0.01	0.55	0.53
Park 1- Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.62
Park 1- Grading	Roads	0.00	0.00	0.00	0.00	0.55	0.54
Park 1- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 1- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
Park 1- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.63	0.67
Park 1- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Swim Club South - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club South - Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Swim Club South - Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club South - Building Construction	Roads	0.10	0.01	0.05	0.01	0.55	0.53
Swim Club South - Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Swim Club South - Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Swim Club South - Landscaping	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
Swim Club South - Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club South - Site Prep	Fugitive Dust	0.00	0.00	0.00	0.00	0.63	0.67
Swim Club South - Site Prep	Roads	0.00	0.00	0.00	0.00	0.55	0.50

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

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

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	South Village Non-Residential -LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Oct-21	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Park 1- Site Preparation	Site Preparation	1/1/2025	1/2/2025	5	2
Park 1- Grading	Grading	1/3/2025	1/5/2025	5	1
Park 1- Building Construction	Building Construction	1/8/2025	4/30/2025	5	81
Park 1 - Architectural Coating	Architectural Coating	3/1/2025	3/31/2025	5	21
Park 1- Landscaping	Site Preparation	5/1/2025	5/30/2025	5	22
Park 1- Paving	Paving	6/1/2025	6/30/2025	5	21
Swim Club South - Site Prep	Site Preparation	1/1/2026	1/2/2026	5	2
Swim Club South - Grading	Grading	1/3/2026	1/7/2026	5	3
Construction	Building Construction	1/8/2026	4/30/2026	5	81
Swim Club South - Landscaping	Site Preparation	5/1/2026	5/30/2026	5	21
Coating	Architectural Coating	5/1/2026	5/30/2026	5	21

Table 6: Off-Road Equipment					
Phase Name	**Equipment**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation - all	default				
Grading- all					
Landscaping - all	Skidsteer	2	default		
Building Construction -parks	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - all	default				
Architectural Coating -all					
Building Construction - Non-park					

CalEEMod Input Matrix
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
--		

Table 7: Dust from Material Movement							
Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
--		

CalEEMod Input Matrix
Construction Phase

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
Refer to Construction VMT Worksheet									

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
--								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
Swim Club South - Architectural Coating	N/A	N/A	N/A	N/A	50	2,250	100	750	100	0
Park 1 - Architectural Coating	N/A	N/A	N/A	N/A	50	630	100	210	100	87

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/28/2017 1:20 PM

Central Village Residential General Construction - LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	270.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - --

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Grading - Refer to CalEEMod Input Matrix Table 7

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-12
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-14
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	490.00	308.10

tblLandUse	LotAcreage	0.00	270.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Site Preparation
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblTripsAndVMT	HaulingTripLength	20.00	0.50

tblTripsAndVMT	HaulingTripNumber	0.00	7,417.00
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
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tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00

tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.8970	56.2328	34.6004	0.0647	94.5347	2.6916	96.9258	12.1770	2.4764	14.3771	0.0000	6,414.4980	6,414.4980	1.9633	0.0000	6,463.5795
2020	5.8620	66.3675	43.3337	0.0902	58.2044	2.7108	60.9152	8.5724	2.4943	11.0667	0.0000	8,779.5127	8,779.5127	2.6967	0.0000	8,846.9305
2021	1.3031	13.9448	15.0419	0.0258	3.5192	0.6802	4.1994	0.3691	0.6258	0.9950	0.0000	2,521.6121	2,521.6121	0.7369	0.0000	2,540.0332
2022	1.1473	12.0932	14.9466	0.0257	3.5192	0.5700	4.0892	0.3691	0.5245	0.8936	0.0000	2,518.2239	2,518.2239	0.7362	0.0000	2,536.6292
2023	1.0698	10.9543	14.9171	0.0256	3.5192	0.5114	4.0306	0.3691	0.4705	0.8396	0.0000	2,509.9893	2,509.9893	0.7342	0.0000	2,528.3442
Maximum	**5.8620**	**66.3675**	**43.3337**	**0.0902**	**94.5347**	**2.7108**	**96.9258**	**12.1770**	**2.4943**	**14.3771**	**0.0000**	**8,779.5127**	**8,779.5127**	**2.6967**	**0.0000**	**8,846.9305**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	1.1356	20.9833	37.9463	0.0647	63.8250	0.1101	63.9351	7.4515	0.1097	7.5612	0.0000	6,414.4980	6,414.4980	1.9633	0.0000	6,463.5795
2020	1.5181	29.6750	52.8299	0.0902	38.4292	0.1495	38.5787	4.9381	0.1490	5.0872	0.0000	8,779.5127	8,779.5127	2.6967	0.0000	8,846.9305
2021	0.3817	11.0651	17.6844	0.0258	2.4932	0.0399	2.5330	0.2667	0.0397	0.3065	0.0000	2,521.6121	2,521.6121	0.7369	0.0000	2,540.0332
2022	0.3786	11.0077	17.6618	0.0257	2.4932	0.0395	2.5327	0.2667	0.0394	0.3062	0.0000	2,518.2239	2,518.2239	0.7362	0.0000	2,536.6292
2023	0.3711	10.8021	17.6286	0.0256	2.4932	0.0386	2.5317	0.2667	0.0385	0.3052	0.0000	2,509.9893	2,509.9893	0.7342	0.0000	2,528.3442
Maximum	**1.5181**	**29.6750**	**52.8299**	**0.0902**	**63.8250**	**0.1495**	**63.9351**	**7.4515**	**0.1490**	**7.5612**	**0.0000**	**8,779.5127**	**8,779.5127**	**2.6967**	**0.0000**	**8,846.9305**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**73.49**	**47.66**	**-17.02**	**0.00**	**32.80**	**94.73**	**35.29**	**39.65**	**94.29**	**51.85**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/1/2019	9/30/2019	5	21	
2	Grading	Grading	10/1/2019	6/30/2020	5	196	
3	Interact Utilities	Site Preparation	4/1/2020	11/30/2020	5	174	
4	Slope Landscaping	Site Preparation	5/1/2020	12/31/2020	5	175	
5	Interact Paving -1	Paving	7/1/2020	7/31/2020	5	23	
6	Interact Paving -2	Paving	11/1/2020	11/30/2020	5	21	
7	Interact Paving -3	Paving	3/1/2021	3/31/2021	5	23	
8	Interact Paving -4	Paving	6/1/2021	6/30/2021	5	22	
9	Interact Paving -5	Paving	11/1/2021	11/30/2021	5	22	
10	Interact Paving -6	Paving	3/1/2022	3/31/2022	5	23	
11	Interact Paving -7	Paving	7/1/2022	7/31/2022	5	21	
12	Interact Paving -8	Paving	11/1/2022	11/30/2022	5	22	
13	Interact Paving -9	Paving	2/1/2023	2/28/2023	5	20	
14	Interact Paving -10	Paving	6/1/2023	6/30/2023	5	22	
15	Interact Paving -11	Paving	10/1/2023	10/31/2023	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 308.1

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Interact Paving -1	Pavers	2	8.00	130	0.42
Interact Paving -1	Paving Equipment	2	8.00	132	0.36
Interact Paving -1	Rollers	2	8.00	80	0.38
Interact Paving -2	Pavers	2	8.00	130	0.42
Interact Paving -2	Paving Equipment	2	8.00	132	0.36
Interact Paving -2	Rollers	2	8.00	80	0.38
Interact Paving -3	Pavers	2	8.00	130	0.42
Interact Paving -3	Paving Equipment	2	8.00	132	0.36
Interact Paving -3	Rollers	2	8.00	80	0.38
Interact Paving -4	Pavers	2	8.00	130	0.42
Interact Paving -4	Paving Equipment	2	8.00	132	0.36
Interact Paving -4	Rollers	2	8.00	80	0.38
Interact Paving -5	Pavers	2	8.00	130	0.42
Interact Paving -5	Paving Equipment	2	8.00	132	0.36
Interact Paving -5	Rollers	2	8.00	80	0.38

Interact Paving -6	Pavers	2	8.00	130	0.42
Interact Paving -6	Paving Equipment	2	8.00	132	0.36
Interact Paving -6	Rollers	2	8.00	80	0.38
Interact Paving -7	Pavers	2	8.00	130	0.42
Interact Paving -7	Paving Equipment	2	8.00	132	0.36
Interact Paving -7	Rollers	2	8.00	80	0.38
Interact Paving -8	Pavers	2	8.00	130	0.42
Interact Paving -8	Paving Equipment	2	8.00	132	0.36
Interact Paving -8	Rollers	2	8.00	80	0.38
Interact Paving -9	Pavers	2	8.00	130	0.42
Interact Paving -9	Paving Equipment	2	8.00	132	0.36
Interact Paving -9	Rollers	2	8.00	80	0.38
Interact Paving -10	Pavers	2	8.00	130	0.42
Interact Paving -10	Paving Equipment	2	8.00	132	0.36
Interact Paving -10	Rollers	2	8.00	80	0.38
Interact Paving -11	Pavers	2	8.00	130	0.42
Interact Paving -11	Paving Equipment	2	8.00	132	0.36
Interact Paving -11	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Utilities	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	10.00	4.00	7,417.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Interact Paving -1	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -8	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -9	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -10	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -11	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8600	51.2209	26.2117	0.0442		2.6878	2.6878		2.4728	2.4728		4,378.5943	4,378.5943	1.3853		4,413.2278
Total	**4.8600**	**51.2209**	**26.2117**	**0.0442**	**18.0663**	**2.6878**	**20.7541**	**9.9307**	**2.4728**	**12.4035**		**4,378.5943**	**4,378.5943**	**1.3853**		**4,413.2278**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**2.1900**	**3.7400e-003**	**2.1937**	**0.2289**	**3.5800e-003**	**0.2325**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0442		0.0723	0.0723		0.0723	0.0723	0.0000	4,378.5943	4,378.5943	1.3853		4,413.2278
Total	**0.7732**	**14.9013**	**27.6742**	**0.0442**	**7.0458**	**0.0723**	**7.1181**	**3.8730**	**0.0723**	**3.9452**	**0.0000**	**4,378.5943**	**4,378.5943**	**1.3853**		**4,413.2278**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.6283	3.5100e-003	0.6318	0.0677	3.3600e-003	0.0711		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.2000e-004	0.0976		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**1.5507**	**3.7400e-003**	**1.5544**	**0.1651**	**3.5800e-003**	**0.1687**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6891	0.0000	7.6891	3.4902	0.0000	3.4902			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**7.6891**	**2.3827**	**10.0718**	**3.4902**	**2.1920**	**5.6823**		**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0610	1.1855	0.7893	7.6000e-004	82.6998	4.4200e-003	82.7043	8.2546	4.2300e-003	8.2589		77.3871	77.3871	8.2600e-003		77.5936
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		81.6914	81.6914	2.6400e-003		81.7573
Total	**0.1246**	**1.7126**	**1.2237**	**2.6600e-003**	**86.8455**	**8.5200e-003**	**86.8541**	**8.6867**	**8.1300e-003**	**8.6949**		**274.4786**	**274.4786**	**0.0206**		**274.9941**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9988	0.0000	2.9988	1.3612	0.0000	1.3612			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**2.9988**	**0.1015**	**3.1003**	**1.3612**	**0.1015**	**1.4627**	**0.0000**	**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0610	1.1855	0.7893	7.6000e-004	57.8920	4.4200e-003	57.8965	5.7791	4.2300e-003	5.7834		77.3871	77.3871	8.2600e-003		77.5936
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.6283	3.5100e-003	0.6318	0.0677	3.3600e-003	0.0711		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	2.3059	5.9000e-004	2.3065	0.2435	5.4000e-004	0.2440		81.6914	81.6914	2.6400e-003		81.7573
Total	**0.1246**	**1.7126**	**1.2237**	**2.6600e-003**	**60.8262**	**8.5200e-003**	**60.8348**	**6.0903**	**8.1300e-003**	**6.0985**		**274.4786**	**274.4786**	**0.0206**		**274.9941**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6891	0.0000	7.6891	3.4902	0.0000	3.4902			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**7.6891**	**2.1739**	**9.8630**	**3.4902**	**2.0000**	**5.4902**		**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0520	1.1236	0.7054	7.5000e-004	41.9896	2.6500e-003	41.9922	4.1923	2.5300e-003	4.1948		76.9323	76.9323	7.4100e-003		77.1175
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		79.1132	79.1132	2.3800e-003		79.1727
Total	**0.1093**	**1.6020**	**1.1001**	**2.6100e-003**	**46.1353**	**5.4800e-003**	**46.1408**	**4.6244**	**5.2100e-003**	**4.6296**		**270.6304**	**270.6304**	**0.0190**		**271.1056**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9988	0.0000	2.9988	1.3612	0.0000	1.3612			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**2.9988**	**0.1015**	**3.1003**	**1.3612**	**0.1015**	**1.4627**	**0.0000**	**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0520	1.1236	0.7054	7.5000e-004	29.3949	2.6500e-003	29.3975	2.9355	2.5300e-003	2.9380		76.9323	76.9323	7.4100e-003		77.1175
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.6283	2.2500e-003	0.6306	0.0677	2.1500e-003	0.0699		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	2.3059	5.8000e-004	2.3065	0.2435	5.3000e-004	0.2440		79.1132	79.1132	2.3800e-003		79.1727
Total	**0.1093**	**1.6020**	**1.1001**	**2.6100e-003**	**32.3291**	**5.4800e-003**	**32.3345**	**3.2467**	**5.2100e-003**	**3.2519**		**270.6304**	**270.6304**	**0.0190**		**271.1056**

3.4 Interact Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**0.0000**	**0.2633**	**0.2633**	**0.0000**	**0.2422**	**0.2422**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.6283	2.2500e-003	0.6306	0.0677	2.1500e-003	0.0699		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.5507**	**2.4800e-003**	**1.5532**	**0.1651**	**2.3600e-003**	**0.1675**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.5 Slope Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**0.0000**	**0.2633**	**0.2633**	**0.0000**	**0.2422**	**0.2422**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.6283	2.2500e-003	0.6306	0.0677	2.1500e-003	0.0699		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.5507**	**2.4800e-003**	**1.5532**	**0.1651**	**2.3600e-003**	**0.1675**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.6 Interact Paving -1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	2.2154	5.6200e-003	2.2210	0.2337	5.3800e-003	0.2390		286.4622	286.4622	0.0231		287.0385
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0558**	**1.1378**	**0.4257**	**2.9900e-003**	**3.5192**	**5.8500e-003**	**3.5251**	**0.3691**	**5.5900e-003**	**0.3747**		**318.1075**	**318.1075**	**0.0240**		**318.7076**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	1.5708	5.6200e-003	1.5764	0.1693	5.3800e-003	0.1747		286.4622	286.4622	0.0231		287.0385
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0558**	**1.1378**	**0.4257**	**2.9900e-003**	**2.4932**	**5.8500e-003**	**2.4990**	**0.2667**	**5.5900e-003**	**0.2723**		**318.1075**	**318.1075**	**0.0240**		**318.7076**

3.7 Interact Paving -2 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	2.2154	5.6200e-003	2.2210	0.2337	5.3800e-003	0.2390		286.4622	286.4622	0.0231		287.0385
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0558**	**1.1378**	**0.4257**	**2.9900e-003**	**3.5192**	**5.8500e-003**	**3.5251**	**0.3691**	**5.5900e-003**	**0.3747**		**318.1075**	**318.1075**	**0.0240**		**318.7076**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	1.5708	5.6200e-003	1.5764	0.1693	5.3800e-003	0.1747		286.4622	286.4622	0.0231		287.0385
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0558**	**1.1378**	**0.4257**	**2.9900e-003**	**2.4932**	**5.8500e-003**	**2.4990**	**0.2667**	**5.5900e-003**	**0.2723**		**318.1075**	**318.1075**	**0.0240**		**318.7076**

3.8 Interact Paving -3 - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	2.2154	2.2300e-003	2.2176	0.2337	2.1300e-003	0.2358		283.8193	283.8193	0.0221		284.3721
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0476**	**1.0257**	**0.3887**	**2.9500e-003**	**3.5192**	**2.4600e-003**	**3.5217**	**0.3691**	**2.3400e-003**	**0.3715**		**314.4012**	**314.4012**	**0.0230**		**314.9759**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	1.5708	2.2300e-003	1.5730	0.1693	2.1300e-003	0.1715		283.8193	283.8193	0.0221		284.3721
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0476**	**1.0257**	**0.3887**	**2.9500e-003**	**2.4932**	**2.4600e-003**	**2.4956**	**0.2667**	**2.3400e-003**	**0.2691**		**314.4012**	**314.4012**	**0.0230**		**314.9759**

3.9 Interact Paving -4 - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	2.2154	2.2300e-003	2.2176	0.2337	2.1300e-003	0.2358		283.8193	283.8193	0.0221		284.3721
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0476**	**1.0257**	**0.3887**	**2.9500e-003**	**3.5192**	**2.4600e-003**	**3.5217**	**0.3691**	**2.3400e-003**	**0.3715**		**314.4012**	**314.4012**	**0.0230**		**314.9759**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	1.5708	2.2300e-003	1.5730	0.1693	2.1300e-003	0.1715		283.8193	283.8193	0.0221		284.3721
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0476**	**1.0257**	**0.3887**	**2.9500e-003**	**2.4932**	**2.4600e-003**	**2.4956**	**0.2667**	**2.3400e-003**	**0.2691**		**314.4012**	**314.4012**	**0.0230**		**314.9759**

3.10 Interact Paving -5 - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	2.2154	2.2300e-003	2.2176	0.2337	2.1300e-003	0.2358		283.8193	283.8193	0.0221		284.3721
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0476**	**1.0257**	**0.3887**	**2.9500e-003**	**3.5192**	**2.4600e-003**	**3.5217**	**0.3691**	**2.3400e-003**	**0.3715**		**314.4012**	**314.4012**	**0.0230**		**314.9759**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	1.5708	2.2300e-003	1.5730	0.1693	2.1300e-003	0.1715		283.8193	283.8193	0.0221		284.3721
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0476**	**1.0257**	**0.3887**	**2.9500e-003**	**2.4932**	**2.4600e-003**	**2.4956**	**0.2667**	**2.3400e-003**	**0.2691**		**314.4012**	**314.4012**	**0.0230**		**314.9759**

3.11 Interact Paving -6 - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**3.5192**	**2.1400e-003**	**3.5213**	**0.3691**	**2.0300e-003**	**0.3712**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	1.5708	1.9200e-003	1.5727	0.1693	1.8300e-003	0.1712		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**2.4932**	**2.1400e-003**	**2.4953**	**0.2667**	**2.0300e-003**	**0.2688**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

3.12 Interact Paving -7 - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**3.5192**	**2.1400e-003**	**3.5213**	**0.3691**	**2.0300e-003**	**0.3712**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	1.5708	1.9200e-003	1.5727	0.1693	1.8300e-003	0.1712		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**2.4932**	**2.1400e-003**	**2.4953**	**0.2667**	**2.0300e-003**	**0.2688**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

3.13 Interact Paving -8 - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**3.5192**	**2.1400e-003**	**3.5213**	**0.3691**	**2.0300e-003**	**0.3712**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	1.5708	1.9200e-003	1.5727	0.1693	1.8300e-003	0.1712		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**2.4932**	**2.1400e-003**	**2.4953**	**0.2667**	**2.0300e-003**	**0.2688**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

3.14 Interact Paving -9 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.15 Interact Paving -10 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.16 Interact Paving -11 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/28/2017 12:59 PM

Central Village Residential General Construction - LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	270.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Grading - Refer to CalEEMod Input Matrix Table 7

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-12
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-14
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	490.00	308.10

tblLandUse	LotAcreage	0.00	270.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Site Preparation
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblTripsAndVMT	HaulingTripLength	20.00	0.50

tblTripsAndVMT	HaulingTripNumber	0.00	7,417.00
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00

tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.8941	56.2247	34.5199	0.0647	94.5347	2.6915	96.9256	12.1770	2.4763	14.3769	0.0000	6,424.6075	6,424.6075	1.9622	0.0000	6,473.6630
2020	5.8480	66.3591	43.2495	0.0904	58.2044	2.7106	60.9150	8.5724	2.4941	11.0665	0.0000	8,799.6546	8,799.6546	2.6948	0.0000	8,867.0239
2021	1.2996	13.9464	15.0188	0.0258	3.5192	0.6801	4.1993	0.3691	0.6258	0.9949	0.0000	2,531.1405	2,531.1405	0.7356	0.0000	2,549.5306
2022	1.1440	12.0954	14.9249	0.0258	3.5192	0.5700	4.0892	0.3691	0.5244	0.8936	0.0000	2,527.6565	2,527.6565	0.7350	0.0000	2,546.0323
2023	1.0668	10.9567	14.9010	0.0257	3.5192	0.5113	4.0305	0.3691	0.4704	0.8396	0.0000	2,519.0839	2,519.0839	0.7332	0.0000	2,537.4147
Maximum	**5.8480**	**66.3591**	**43.2495**	**0.0904**	**94.5347**	**2.7106**	**96.9256**	**12.1770**	**2.4941**	**14.3769**	**0.0000**	**8,799.6546**	**8,799.6546**	**2.6948**	**0.0000**	**8,867.0239**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	1.1260	20.9752	37.8657	0.0647	63.8250	0.1099	63.9348	7.4515	0.1095	7.5610	0.0000	6,424.6075	6,424.6075	1.9622	0.0000	6,473.6629
2020	1.5041	29.6667	52.7457	0.0904	38.4292	0.1493	38.5785	4.9381	0.1488	5.0870	0.0000	8,799.6546	8,799.6546	2.6948	0.0000	8,867.0239
2021	0.3782	11.0668	17.6613	0.0258	2.4932	0.0398	2.5329	0.2667	0.0397	0.3064	0.0000	2,531.1405	2,531.1405	0.7356	0.0000	2,549.5306
2022	0.3753	11.0100	17.6401	0.0258	2.4932	0.0395	2.5326	0.2667	0.0394	0.3061	0.0000	2,527.6565	2,527.6565	0.7350	0.0000	2,546.0323
2023	0.3682	10.8045	17.6124	0.0257	2.4932	0.0385	2.5317	0.2667	0.0385	0.3052	0.0000	2,519.0839	2,519.0839	0.7332	0.0000	2,537.4147
Maximum	**1.5041**	**29.6667**	**52.7457**	**0.0904**	**63.8250**	**0.1493**	**63.9348**	**7.4515**	**0.1488**	**7.5610**	**0.0000**	**8,799.6546**	**8,799.6546**	**2.6948**	**0.0000**	**8,867.0239**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**73.68**	**47.66**	**-17.05**	**0.00**	**32.80**	**94.74**	**35.29**	**39.65**	**94.30**	**51.85**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/1/2019	9/30/2019	5	21	
2	Grading	Grading	10/1/2019	6/30/2020	5	196	
3	Interact Utilities	Site Preparation	4/1/2020	11/30/2020	5	174	
4	Slope Landscaping	Site Preparation	5/1/2020	12/31/2020	5	175	
5	Interact Paving -1	Paving	7/1/2020	7/31/2020	5	23	
6	Interact Paving -2	Paving	11/1/2020	11/30/2020	5	21	
7	Interact Paving -3	Paving	3/1/2021	3/31/2021	5	23	
8	Interact Paving -4	Paving	6/1/2021	6/30/2021	5	22	
9	Interact Paving -5	Paving	11/1/2021	11/30/2021	5	22	
10	Interact Paving -6	Paving	3/1/2022	3/31/2022	5	23	
11	Interact Paving -7	Paving	7/1/2022	7/31/2022	5	21	
12	Interact Paving -8	Paving	11/1/2022	11/30/2022	5	22	
13	Interact Paving -9	Paving	2/1/2023	2/28/2023	5	20	
14	Interact Paving -10	Paving	6/1/2023	6/30/2023	5	22	
15	Interact Paving -11	Paving	10/1/2023	10/31/2023	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 308.1

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Interact Paving -1	Pavers	2	8.00	130	0.42
Interact Paving -1	Paving Equipment	2	8.00	132	0.36
Interact Paving -1	Rollers	2	8.00	80	0.38
Interact Paving -2	Pavers	2	8.00	130	0.42
Interact Paving -2	Paving Equipment	2	8.00	132	0.36
Interact Paving -2	Rollers	2	8.00	80	0.38
Interact Paving -3	Pavers	2	8.00	130	0.42
Interact Paving -3	Paving Equipment	2	8.00	132	0.36
Interact Paving -3	Rollers	2	8.00	80	0.38
Interact Paving -4	Pavers	2	8.00	130	0.42
Interact Paving -4	Paving Equipment	2	8.00	132	0.36
Interact Paving -4	Rollers	2	8.00	80	0.38
Interact Paving -5	Pavers	2	8.00	130	0.42
Interact Paving -5	Paving Equipment	2	8.00	132	0.36
Interact Paving -5	Rollers	2	8.00	80	0.38

Interact Paving -6	Pavers	2	8.00	130	0.42
Interact Paving -6	Paving Equipment	2	8.00	132	0.36
Interact Paving -6	Rollers	2	8.00	80	0.38
Interact Paving -7	Pavers	2	8.00	130	0.42
Interact Paving -7	Paving Equipment	2	8.00	132	0.36
Interact Paving -7	Rollers	2	8.00	80	0.38
Interact Paving -8	Pavers	2	8.00	130	0.42
Interact Paving -8	Paving Equipment	2	8.00	132	0.36
Interact Paving -8	Rollers	2	8.00	80	0.38
Interact Paving -9	Pavers	2	8.00	130	0.42
Interact Paving -9	Paving Equipment	2	8.00	132	0.36
Interact Paving -9	Rollers	2	8.00	80	0.38
Interact Paving -10	Pavers	2	8.00	130	0.42
Interact Paving -10	Paving Equipment	2	8.00	132	0.36
Interact Paving -10	Rollers	2	8.00	80	0.38
Interact Paving -11	Pavers	2	8.00	130	0.42
Interact Paving -11	Paving Equipment	2	8.00	132	0.36
Interact Paving -11	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Utilities	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	10.00	4.00	7,417.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Interact Paving -1	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -8	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -9	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -10	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -11	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8600	51.2209	26.2117	0.0442		2.6878	2.6878		2.4728	2.4728		4,378.5943	4,378.5943	1.3853		4,413.2278
Total	**4.8600**	**51.2209**	**26.2117**	**0.0442**	**18.0663**	**2.6878**	**20.7541**	**9.9307**	**2.4728**	**12.4035**		**4,378.5943**	**4,378.5943**	**1.3853**		**4,413.2278**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**2.1900**	**3.6800e-003**	**2.1937**	**0.2289**	**3.5200e-003**	**0.2324**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0442		0.0723	0.0723		0.0723	0.0723	0.0000	4,378.5943	4,378.5943	1.3853		4,413.2278
Total	**0.7732**	**14.9013**	**27.6742**	**0.0442**	**7.0458**	**0.0723**	**7.1181**	**3.8730**	**0.0723**	**3.9452**	**0.0000**	**4,378.5943**	**4,378.5943**	**1.3853**		**4,413.2278**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.6283	3.4500e-003	0.6318	0.0677	3.3000e-003	0.0710		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.2000e-004	0.0976		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**1.5507**	**3.6800e-003**	**1.5544**	**0.1651**	**3.5200e-003**	**0.1687**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6891	0.0000	7.6891	3.4902	0.0000	3.4902			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**7.6891**	**2.3827**	**10.0718**	**3.4902**	**2.1920**	**5.6823**		**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0573	1.1811	0.7057	7.7000e-004	82.6998	4.2700e-003	82.7041	8.2546	4.0800e-003	8.2587		79.1615	79.1615	7.6600e-003		79.3529
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		87.0200	87.0200	2.7800e-003		87.0894
Total	**0.1150**	**1.7045**	**1.1431**	**2.7400e-003**	**86.8455**	**8.3100e-003**	**86.8539**	**8.6867**	**7.9200e-003**	**8.6947**		**284.5881**	**284.5881**	**0.0196**		**285.0775**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9988	0.0000	2.9988	1.3612	0.0000	1.3612			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**2.9988**	**0.1015**	**3.1003**	**1.3612**	**0.1015**	**1.4627**	**0.0000**	**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0573	1.1811	0.7057	7.7000e-004	57.8920	4.2700e-003	57.8963	5.7791	4.0800e-003	5.7832		79.1615	79.1615	7.6600e-003		79.3529
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.6283	3.4500e-003	0.6318	0.0677	3.3000e-003	0.0710		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	2.3059	5.9000e-004	2.3065	0.2435	5.4000e-004	0.2440		87.0200	87.0200	2.7800e-003		87.0894
Total	**0.1150**	**1.7045**	**1.1431**	**2.7400e-003**	**60.8262**	**8.3100e-003**	**60.8345**	**6.0903**	**7.9200e-003**	**6.0983**		**284.5881**	**284.5881**	**0.0196**		**285.0775**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6891	0.0000	7.6891	3.4902	0.0000	3.4902			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**7.6891**	**2.1739**	**9.8630**	**3.4902**	**2.0000**	**5.4902**		**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0488	1.1196	0.6298	7.7000e-004	41.9896	2.5500e-003	41.9921	4.1923	2.4400e-003	4.1947		78.6901	78.6901	6.8500e-003		78.8614
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		84.2747	84.2747	2.5200e-003		84.3376
Total	**0.1005**	**1.5954**	**1.0282**	**2.7200e-003**	**46.1353**	**5.3400e-003**	**46.1406**	**4.6244**	**5.0800e-003**	**4.6295**		**280.5808**	**280.5808**	**0.0181**		**281.0320**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9988	0.0000	2.9988	1.3612	0.0000	1.3612			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**2.9988**	**0.1015**	**3.1003**	**1.3612**	**0.1015**	**1.4627**	**0.0000**	**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0488	1.1196	0.6298	7.7000e-004	29.3949	2.5500e-003	29.3974	2.9355	2.4400e-003	2.9379		78.6901	78.6901	6.8500e-003		78.8614
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.6283	2.2100e-003	0.6305	0.0677	2.1100e-003	0.0699		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	2.3059	5.8000e-004	2.3065	0.2435	5.3000e-004	0.2440		84.2747	84.2747	2.5200e-003		84.3376
Total	**0.1005**	**1.5954**	**1.0282**	**2.7200e-003**	**32.3291**	**5.3400e-003**	**32.3344**	**3.2467**	**5.0800e-003**	**3.2518**		**280.5808**	**280.5808**	**0.0181**		**281.0320**

3.4 Interact Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**0.0000**	**0.2633**	**0.2633**	**0.0000**	**0.2422**	**0.2422**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.6283	2.2100e-003	0.6305	0.0677	2.1100e-003	0.0699		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.5507**	**2.4400e-003**	**1.5531**	**0.1651**	**2.3200e-003**	**0.1675**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.5 Slope Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**0.0000**	**0.2633**	**0.2633**	**0.0000**	**0.2422**	**0.2422**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.6283	2.2100e-003	0.6305	0.0677	2.1100e-003	0.0699		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.5507**	**2.4400e-003**	**1.5531**	**0.1651**	**2.3200e-003**	**0.1675**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.6 Interact Paving -1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	2.2154	5.5200e-003	2.2209	0.2337	5.2800e-003	0.2389		294.0401	294.0401	0.0217		294.5824
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0521**	**1.1375**	**0.4006**	**3.0800e-003**	**3.5192**	**5.7500e-003**	**3.5250**	**0.3691**	**5.4900e-003**	**0.3746**		**327.7500**	**327.7500**	**0.0227**		**328.3174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	1.5708	5.5200e-003	1.5763	0.1693	5.2800e-003	0.1746		294.0401	294.0401	0.0217		294.5824
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0521**	**1.1375**	**0.4006**	**3.0800e-003**	**2.4932**	**5.7500e-003**	**2.4989**	**0.2667**	**5.4900e-003**	**0.2722**		**327.7500**	**327.7500**	**0.0227**		**328.3174**

3.7 Interact Paving -2 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	2.2154	5.5200e-003	2.2209	0.2337	5.2800e-003	0.2389		294.0401	294.0401	0.0217		294.5824
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0521**	**1.1375**	**0.4006**	**3.0800e-003**	**3.5192**	**5.7500e-003**	**3.5250**	**0.3691**	**5.4900e-003**	**0.3746**		**327.7500**	**327.7500**	**0.0227**		**328.3174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	1.5708	5.5200e-003	1.5763	0.1693	5.2800e-003	0.1746		294.0401	294.0401	0.0217		294.5824
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0521**	**1.1375**	**0.4006**	**3.0800e-003**	**2.4932**	**5.7500e-003**	**2.4989**	**0.2667**	**5.4900e-003**	**0.2722**		**327.7500**	**327.7500**	**0.0227**		**328.3174**

3.8 Interact Paving -3 - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	2.2154	2.1400e-003	2.2175	0.2337	2.0500e-003	0.2357		291.3520	291.3520	0.0208		291.8724
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0441**	**1.0273**	**0.3656**	**3.0400e-003**	**3.5192**	**2.3700e-003**	**3.5216**	**0.3691**	**2.2600e-003**	**0.3714**		**323.9296**	**323.9296**	**0.0218**		**324.4733**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	1.5708	2.1400e-003	1.5729	0.1693	2.0500e-003	0.1714		291.3520	291.3520	0.0208		291.8724
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0441**	**1.0273**	**0.3656**	**3.0400e-003**	**2.4932**	**2.3700e-003**	**2.4955**	**0.2667**	**2.2600e-003**	**0.2690**		**323.9296**	**323.9296**	**0.0218**		**324.4733**

3.9 Interact Paving -4 - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	2.2154	2.1400e-003	2.2175	0.2337	2.0500e-003	0.2357		291.3520	291.3520	0.0208		291.8724
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0441**	**1.0273**	**0.3656**	**3.0400e-003**	**3.5192**	**2.3700e-003**	**3.5216**	**0.3691**	**2.2600e-003**	**0.3714**		**323.9296**	**323.9296**	**0.0218**		**324.4733**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	1.5708	2.1400e-003	1.5729	0.1693	2.0500e-003	0.1714		291.3520	291.3520	0.0208		291.8724
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0441**	**1.0273**	**0.3656**	**3.0400e-003**	**2.4932**	**2.3700e-003**	**2.4955**	**0.2667**	**2.2600e-003**	**0.2690**		**323.9296**	**323.9296**	**0.0218**		**324.4733**

3.10 Interact Paving -5 - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	2.2154	2.1400e-003	2.2175	0.2337	2.0500e-003	0.2357		291.3520	291.3520	0.0208		291.8724
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0441**	**1.0273**	**0.3656**	**3.0400e-003**	**3.5192**	**2.3700e-003**	**3.5216**	**0.3691**	**2.2600e-003**	**0.3714**		**323.9296**	**323.9296**	**0.0218**		**324.4733**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	1.5708	2.1400e-003	1.5729	0.1693	2.0500e-003	0.1714		291.3520	291.3520	0.0208		291.8724
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0441**	**1.0273**	**0.3656**	**3.0400e-003**	**2.4932**	**2.3700e-003**	**2.4955**	**0.2667**	**2.2600e-003**	**0.2690**		**323.9296**	**323.9296**	**0.0218**		**324.4733**

3.11 Interact Paving -6 - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**3.5192**	**2.0600e-003**	**3.5213**	**0.3691**	**1.9600e-003**	**0.3711**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	1.5708	1.8400e-003	1.5726	0.1693	1.7600e-003	0.1711		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**2.4932**	**2.0600e-003**	**2.4952**	**0.2667**	**1.9600e-003**	**0.2687**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

3.12 Interact Paving -7 - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**3.5192**	**2.0600e-003**	**3.5213**	**0.3691**	**1.9600e-003**	**0.3711**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	1.5708	1.8400e-003	1.5726	0.1693	1.7600e-003	0.1711		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**2.4932**	**2.0600e-003**	**2.4952**	**0.2667**	**1.9600e-003**	**0.2687**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

3.13 Interact Paving -8 - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**3.5192**	**2.0600e-003**	**3.5213**	**0.3691**	**1.9600e-003**	**0.3711**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	1.5708	1.8400e-003	1.5726	0.1693	1.7600e-003	0.1711		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**2.4932**	**2.0600e-003**	**2.4952**	**0.2667**	**1.9600e-003**	**0.2687**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

3.14 Interact Paving -9 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	1.5708	8.9000e-004	1.5717	0.1693	8.5000e-004	0.1702		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**2.4932**	**1.1100e-003**	**2.4943**	**0.2667**	**1.0500e-003**	**0.2678**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

3.15 Interact Paving -10 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	1.5708	8.9000e-004	1.5717	0.1693	8.5000e-004	0.1702		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**2.4932**	**1.1100e-003**	**2.4943**	**0.2667**	**1.0500e-003**	**0.2678**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

3.16 Interact Paving -11 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	1.5708	8.9000e-004	1.5717	0.1693	8.5000e-004	0.1702		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**2.4932**	**1.1100e-003**	**2.4943**	**0.2667**	**1.0500e-003**	**0.2678**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

CalEEMod Version: CalEEMod.2016.3.1

Date: 9/28/2017 1:21 PM

Central Village Residential General Construction - LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Grading	0.76	0.61	-0.13	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -1	0.73	0.26	-0.18	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -10	0.66	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -11	0.66	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -2	0.73	0.26	-0.18	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -3	0.71	0.21	-0.18	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -4	0.71	0.21	-0.18	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -5	0.71	0.21	-0.18	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -6	0.67	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -7	0.67	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -8	0.67	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -9	0.66	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Utilities	0.70	0.40	-0.46	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.83	0.70	-0.06	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Slope Landscaping	0.70	0.40	-0.46	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Rubber Tired Loaders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Excavators	Diesel	Tier 4 Interim	4	4	No Change	0.00
Graders	Diesel	Tier 4 Interim	1	1	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Interim	22	22	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	22	22	No Change	0.00
Rollers	Diesel	Tier 4 Interim	22	22	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	6	6	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Excavators	9.18100E-002	9.11650E-001	1.21042E+000	1.91000E-003	4.41200E-002	4.05900E-002	0.00000E+000	1.68755E+002	1.68755E+002	5.43600E-002	0.00000E+000	1.70114E+002
Graders	4.69900E-002	6.28290E-001	1.78600E-001	6.50000E-004	2.01100E-002	1.85000E-002	0.00000E+000	5.75866E+001	5.75866E+001	1.84900E-002	0.00000E+000	5.80488E+001
Other Construction Equipment	5.51000E-003	5.93100E-002	4.35600E-002	6.00000E-005	3.12000E-003	2.87000E-003	0.00000E+000	5.83092E+000	5.83092E+000	1.84000E-003	0.00000E+000	5.87704E+000
Pavers	5.39900E-002	5.56550E-001	6.97000E-001	1.13000E-003	2.66600E-002	2.45300E-002	0.00000E+000	9.95200E+001	9.95200E+001	3.21900E-002	0.00000E+000	1.00325E+002
Paving Equipment	4.46800E-002	4.41490E-001	6.13450E-001	9.80000E-004	2.17200E-002	1.99800E-002	0.00000E+000	8.62448E+001	8.62448E+001	2.78900E-002	0.00000E+000	8.69421E+001
Rollers	4.26700E-002	4.37450E-001	4.50620E-001	6.30000E-004	2.59500E-002	2.38800E-002	0.00000E+000	5.55529E+001	5.55529E+001	1.79700E-002	0.00000E+000	5.60021E+001
Rubber Tired Dozers	1.43350E-001	1.51540E+000	5.44880E-001	1.10000E-003	7.40500E-002	6.81200E-002	0.00000E+000	9.82548E+001	9.82548E+001	3.14300E-002	0.00000E+000	9.90406E+001
Rubber Tired Loaders	6.52800E-002	7.69470E-001	2.85380E-001	1.09000E-003	2.55400E-002	2.35000E-002	0.00000E+000	9.57991E+001	9.57991E+001	3.09800E-002	0.00000E+000	9.65737E+001
Scrapers	1.99390E-001	2.38008E+000	1.50167E+000	2.97000E-003	9.29800E-002	8.55400E-002	0.00000E+000	2.62811E+002	2.62811E+002	8.43700E-002	0.00000E+000	2.64920E+002
Tractors/Loaders/Backhoes	5.23800E-002	5.26100E-001	5.45050E-001	7.40000E-004	3.41600E-002	3.14300E-002	0.00000E+000	6.56025E+001	6.56025E+001	2.10100E-002	0.00000E+000	6.61277E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Excavators	2.35400E-002	8.43510E-001	1.45162E+000	1.91000E-003	3.14000E-003	3.14000E-003	0.00000E+000	1.68755E+002	1.68755E+002	5.43600E-002	0.00000E+000	1.70114E+002
Graders	1.06000E-002	1.70950E-001	3.44550E-001	6.50000E-004	1.06000E-003	1.06000E-003	0.00000E+000	5.75866E+001	5.75866E+001	1.84900E-002	0.00000E+000	5.80487E+001
Other Construction Equipment	8.00000E-004	2.87600E-002	4.95000E-002	6.00000E-005	1.10000E-004	1.10000E-004	0.00000E+000	5.83091E+000	5.83091E+000	1.84000E-003	0.00000E+000	5.87703E+000
Pavers	1.39200E-002	4.98970E-001	8.58690E-001	1.13000E-003	1.86000E-003	1.86000E-003	0.00000E+000	9.95199E+001	9.95199E+001	3.21900E-002	0.00000E+000	1.00325E+002
Paving Equipment	1.21200E-002	4.34270E-001	7.47340E-001	9.80000E-004	1.62000E-003	1.62000E-003	0.00000E+000	8.62447E+001	8.62447E+001	2.78900E-002	0.00000E+000	8.69420E+001
Rollers	1.42100E-002	2.76520E-001	4.78100E-001	6.30000E-004	1.03000E-003	1.03000E-003	0.00000E+000	5.55529E+001	5.55529E+001	1.79700E-002	0.00000E+000	5.60020E+001
Rubber Tired Dozers	1.80500E-002	2.91100E-001	5.86710E-001	1.10000E-003	1.81000E-003	1.81000E-003	0.00000E+000	9.82547E+001	9.82547E+001	3.14300E-002	0.00000E+000	9.90405E+001
Rubber Tired Loaders	1.79900E-002	2.90140E-001	5.84780E-001	1.09000E-003	1.80000E-003	1.80000E-003	0.00000E+000	9.57990E+001	9.57990E+001	3.09800E-002	0.00000E+000	9.65736E+001
Scrapers	4.87200E-002	7.85560E-001	1.58329E+000	2.97000E-003	4.87000E-003	4.87000E-003	0.00000E+000	2.62811E+002	2.62811E+002	8.43700E-002	0.00000E+000	2.64920E+002
Tractors/Loaders/Backhoes	1.65700E-002	3.22390E-001	5.57410E-001	7.40000E-004	1.21000E-003	1.21000E-003	0.00000E+000	6.56025E+001	6.56025E+001	2.10100E-002	0.00000E+000	6.61276E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Excavators	7.43601E-001	7.47436E-002	-1.99270E-001	0.00000E+000	9.28830E-001	9.22641E-001	0.00000E+000	1.18515E-006	1.18515E-006	0.00000E+000	0.00000E+000	1.17568E-006
Graders	7.74420E-001	7.27912E-001	-9.29171E-001	0.00000E+000	9.47290E-001	9.42703E-001	0.00000E+000	1.04191E-006	1.04191E-006	0.00000E+000	0.00000E+000	1.20588E-006
Other Construction Equipment	8.54809E-001	5.15090E-001	-1.36364E-001	0.00000E+000	9.64744E-001	9.61672E-001	0.00000E+000	1.71500E-006	1.71500E-006	0.00000E+000	0.00000E+000	1.70154E-006
Pavers	7.42174E-001	1.03459E-001	-2.31980E-001	0.00000E+000	9.30233E-001	9.24174E-001	0.00000E+000	1.10531E-006	1.10531E-006	0.00000E+000	0.00000E+000	1.19612E-006
Paving Equipment	7.28738E-001	1.63537E-002	-2.18257E-001	0.00000E+000	9.25414E-001	9.18919E-001	0.00000E+000	1.15949E-006	1.15949E-006	0.00000E+000	0.00000E+000	1.26521E-006
Rollers	6.66979E-001	3.67882E-001	-6.09826E-002	0.00000E+000	9.60308E-001	9.56868E-001	0.00000E+000	1.26006E-006	1.26006E-006	0.00000E+000	0.00000E+000	1.07139E-006
Rubber Tired Dozers	8.74084E-001	8.07906E-001	-7.67692E-002	0.00000E+000	9.75557E-001	9.73429E-001	0.00000E+000	1.22131E-006	1.22131E-006	0.00000E+000	0.00000E+000	1.21162E-006
Rubber Tired Loaders	7.24418E-001	6.22935E-001	-1.04913E+000	0.00000E+000	9.29522E-001	9.23404E-001	0.00000E+000	1.25262E-006	1.25262E-006	0.00000E+000	0.00000E+000	1.13903E-006
Scrapers	7.55655E-001	6.69944E-001	-5.43528E-002	0.00000E+000	9.47623E-001	9.43068E-001	0.00000E+000	1.21760E-006	1.21760E-006	0.00000E+000	0.00000E+000	1.17016E-006
Tractors/Loaders/Backhoes	6.83658E-001	3.87208E-001	-2.26768E-002	0.00000E+000	9.64578E-001	9.61502E-001	0.00000E+000	1.06703E-006	1.06703E-006	0.00000E+000	0.00000E+000	1.20978E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	40.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Grading	Fugitive Dust	1.51	0.68	0.59	0.27	0.61	0.61
Grading	Roads	5.22	0.52	3.66	0.37	0.30	0.30
Interact Paving -1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -1	Roads	0.04	0.00	0.03	0.00	0.29	0.28
Interact Paving -10	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -10	Roads	0.03	0.00	0.02	0.00	0.29	0.28
Interact Paving -11	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -11	Roads	0.03	0.00	0.02	0.00	0.29	0.28
Interact Paving -2	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -2	Roads	0.03	0.00	0.02	0.00	0.29	0.27
Interact Paving -3	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -3	Roads	0.04	0.00	0.03	0.00	0.29	0.28
Interact Paving -4	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -4	Roads	0.03	0.00	0.02	0.00	0.29	0.28
Interact Paving -5	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -5	Roads	0.03	0.00	0.02	0.00	0.29	0.28
Interact Paving -6	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -6	Roads	0.04	0.00	0.03	0.00	0.29	0.28
Interact Paving -7	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -7	Roads	0.03	0.00	0.02	0.00	0.29	0.27
Interact Paving -8	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -8	Roads	0.03	0.00	0.02	0.00	0.29	0.28
Interact Paving -9	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -9	Roads	0.03	0.00	0.02	0.00	0.29	0.27
Interact Utilities	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Utilities	Roads	0.17	0.02	0.12	0.01	0.29	0.28
Site Preparation	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
Site Preparation	Roads	0.02	0.00	0.01	0.00	0.29	0.27
Slope Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Slope Landscaping	Roads	0.17	0.02	0.12	0.01	0.29	0.28

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

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

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Residential General Construction - LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	9/1/2019	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Site Preparation	Site Preparation	2019/09/01	2019/09/30	5	21
Grading	Grading	2019/10/01	2020/06/30	5	196
Slope Landscaping	Site Preparation	2020/05/01	2020/12/31	5	175
Interact Paving -1	Paving	2020/07/01	2020/07/31	5	23
Interact Paving -2	Paving	2020/11/01	2020/11/30	5	21
Interact Paving -3	Paving	2021/03/01	2021/03/31	5	23
Interact Paving -4	Paving	2021/06/01	2021/06/30	5	22
Interact Paving -5	Paving	2021/11/01	2021/11/30	5	22
Interact Paving -6	Paving	2022/03/01	2022/03/31	5	23
Interact Paving -7	Paving	2022/07/01	2022/07/31	5	21
Interact Paving -8	Paving	11/1/2022	2022/11/30	5	22
Interact Paving -9	Paving	2023/02/01	2023/02/28	5	20
Interact Paving -10	Paving	2023/06/01	2023/06/30	5	22
Interact Paving -11	Paving	2023/10/01	2023/10/31	5	22
Interact Utilities	Site Preparation	2020/04/01	2020/11/30	5	174

CalEEMod Input Matrix
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation	Rubber Tired Dozer	default	default		
	Tractor/Loader/Backh				
	Other Construction Equipment (brush	1			
Grading	default				
Slope Landscaping	Excavator	1			
	Rubber Tired Loader	1			
Utilities	Excavator	1			
	Rubber Tired Loader	1			
Paving	default				

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep	default				270	default	
Slope Landscaping	default				95.9	default	
Grading	default				--	default	

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

CalEEMod Input Matrix
Construction Phase

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
Site Preparation									
Grading			7,417			0.5			MHDT
Slope Landscaping	Refer to Construction VMT worksheet								
Utilities									
Paving									
Note: Internal hauling distance 0.5 miles to reflect onsite cut and fill									

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
Site Preparation				default				
Grading								
Slope Landscaping			0					
Utilities	98		0					
Paving								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
N/A										

CalEEMod Input Matrix
Construction Mobile

Table 12: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to VMT Worksheet	

Table 13: Vehicle Emissions
default

Table 14: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
Single Family Housing	default												

Table 15: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 16: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Tables 17 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Matrix
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	0.5
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 9:30 AM

Central Village Residential P1-P6

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	1,129,450.00	3

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 1

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	224,172.90
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	218,375.33
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	200,982.60
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	216,442.80
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	200,982.60
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	216,442.80
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	672,518.70
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	655,125.98
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	602,947.80
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	649,328.40
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	602,947.80
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	649,328.40
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00

tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-12
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-12
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	10.50	11.00
tblGrading	AcresOfGrading	11.00	10.00
tblGrading	AcresOfGrading	11.50	10.50
tblGrading	AcresOfGrading	10.50	11.00

tblGrading	AcresOfGrading	11.50	11.00
tblGrading	AcresOfGrading	11.00	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,129,450.00
tblLandUse	LandUseSquareFeet	0.00	1,129,450.00
tblOffRoadEquipment	HorsePower	97.00	221.00
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tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)

tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P5 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P1 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P2 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00

tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2022
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tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	WorkerTripNumber	13.00	37.00
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tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	42.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	1.00	37.00

tblTripsAndVMT	WorkerTripNumber	13.00	41.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	41.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	37.00
tblTripsAndVMT	WorkerTripNumber	1.00	37.00
tblTripsAndVMT	WorkerTripNumber	1.00	37.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	42.00
tblTripsAndVMT	WorkerTripNumber	1.00	37.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	55.7549	26.1148	21.8750	0.0475	33.4386	1.2029	34.6415	3.4859	1.1498	4.6357	0.0000	4,628.9665	4,628.9665	0.7409	0.0000	4,647.4892
2021	61.6700	24.1446	21.7047	0.0478	36.0210	1.0553	37.0763	3.7541	1.0077	4.7618	0.0000	4,660.1559	4,660.1559	0.7284	0.0000	4,678.3652
2022	59.4593	22.3260	21.3935	0.0474	35.7685	0.9398	36.7084	3.7282	0.8970	4.6252	0.0000	4,619.9558	4,619.9558	0.7197	0.0000	4,637.9479
Maximum	**61.6700**	**26.1148**	**21.8750**	**0.0478**	**36.0210**	**1.2029**	**37.0763**	**3.7541**	**1.1498**	**4.7618**	**0.0000**	**4,660.1559**	**4,660.1559**	**0.7409**	**0.0000**	**4,678.3652**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	54.0087	15.6052	23.8368	0.0475	23.5044	0.1568	23.6612	2.4921	0.1557	2.6478	0.0000	4,628.9665	4,628.9665	0.7409	0.0000	4,647.4892
2021	60.1078	15.2935	23.8057	0.0478	25.3393	0.1477	25.4869	2.6858	0.1470	2.8328	0.0000	4,660.1559	4,660.1559	0.7284	0.0000	4,678.3652
2022	58.1180	15.1129	23.5778	0.0474	25.1373	0.1466	25.2840	2.6645	0.1460	2.8105	0.0000	4,619.9558	4,619.9558	0.7197	0.0000	4,637.9479
Maximum	**60.1078**	**15.6052**	**23.8368**	**0.0478**	**25.3393**	**0.1568**	**25.4869**	**2.6858**	**0.1557**	**2.8328**	**0.0000**	**4,660.1559**	**4,660.1559**	**0.7409**	**0.0000**	**4,678.3652**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.63**	**36.61**	**-9.61**	**0.00**	**29.69**	**85.90**	**31.35**	**28.50**	**85.31**	**40.87**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6100e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.6100e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6100e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.6100e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P1 Site Preparation (mo. 1)	Site Preparation	8/1/2020	8/31/2020	5	21	
2	P1 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2020	11/30/2020	5	65	
3	P1 Architectural Coating	Architectural Coating	11/1/2020	12/31/2020	5	44	
4	P2 Site Preparation (mo. 1)	Site Preparation	12/1/2020	12/31/2020	5	23	
5	P1 Building Construction 2 (mo. 5)	Building Construction	12/1/2020	12/31/2020	5	23	
6	P2 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2021	3/31/2021	5	64	
7	P2 Architectural Coating	Architectural Coating	3/1/2021	4/30/2021	5	45	
8	P3 Site Preparation (mo. 1)	Site Preparation	4/1/2021	4/30/2021	5	22	
9	P2 Building Construction 2 (mo. 5)	Building Construction	4/1/2021	4/30/2021	5	22	
10	P3 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2021	7/31/2021	5	65	
11	P3 Architectural Coating	Architectural Coating	7/1/2021	8/31/2021	5	44	
12	P4 Site Preparation (mo. 1)	Site Preparation	8/1/2021	8/31/2021	5	22	
13	P3 Building Construction 2 (mo. 5)	Building Construction	8/1/2021	8/31/2021	5	22	
14	P4 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2021	11/30/2021	5	65	
15	P4 Architectural Coating	Architectural Coating	11/1/2021	12/31/2021	5	45	
16	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2021	12/31/2021	5	23	
17	P4 Building Construction 2 (mo. 5)	Building Construction	12/1/2021	12/31/2021	5	23	
18	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2022	3/31/2022	5	64	
19	P5 Architectural Coating	Architectural Coating	3/1/2022	4/30/2022	5	44	
20	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2022	4/30/2022	5	21	
21	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2022	4/30/2022	5	21	
22	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2022	7/31/2022	5	65	
23	P6 Architectural Coating	Architectural Coating	7/1/2022	8/31/2022	5	44	
24	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2022	8/31/2022	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 602,948; Residential Outdoor: 200,983; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74

P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37

P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P6 Architectural Coating	Air Compressors	2	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P1 Site Preparation (mo. 1)	5	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	3	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	42.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	3	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	42.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	3	42.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	3	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	5	41.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	3	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	41.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	0	28.00	10.00	0.00	10.80	7.30				

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P1 Site Preparation (mo. 1) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5555	0.0000	0.5555	0.0600	0.0000	0.0600			0.0000			0.0000
Off-Road	1.4574	15.0817	9.9118	0.0194		0.7540	0.7540		0.7114	0.7114		1,843.2504	1,843.2504	0.4208		1,853.7710
Total	**1.4574**	**15.0817**	**9.9118**	**0.0194**	**0.5555**	**0.7540**	**1.3095**	**0.0600**	**0.7114**	**0.7714**		**1,843.2504**	**1,843.2504**	**0.4208**		**1,853.7710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0470	1.3520	0.3826	3.2000e-003	2.6585	6.7500e-003	2.6652	0.2804	6.4500e-003	0.2868		343.7547	343.7547	0.0277		344.4462
Worker	0.1538	0.1027	0.9888	2.9400e-003	12.0603	2.1300e-003	12.0625	1.2530	1.9700e-003	1.2550		292.7188	292.7188	8.8100e-003		292.9392
Total	**0.2007**	**1.4547**	**1.3714**	**6.1400e-003**	**14.7188**	**8.8800e-003**	**14.7277**	**1.5334**	**8.4200e-003**	**1.5418**		**636.4735**	**636.4735**	**0.0365**		**637.3853**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2167	0.0000	0.2167	0.0234	0.0000	0.0234			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,843.2504	1,843.2504	0.4208		1,853.7710
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2167**	**0.0726**	**0.2893**	**0.0234**	**0.0726**	**0.0960**	**0.0000**	**1,843.2504**	**1,843.2504**	**0.4208**		**1,853.7710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0470	1.3520	0.3826	3.2000e-003	1.8849	6.7500e-003	1.8917	0.2032	6.4500e-003	0.2097		343.7547	343.7547	0.0277		344.4462
Worker	0.1538	0.1027	0.9888	2.9400e-003	8.5318	2.1300e-003	8.5340	0.9009	1.9700e-003	0.9029		292.7188	292.7188	8.8100e-003		292.9392
Total	**0.2007**	**1.4547**	**1.3714**	**6.1400e-003**	**10.4168**	**8.8800e-003**	**10.4256**	**1.1041**	**8.4200e-003**	**1.1125**		**636.4735**	**636.4735**	**0.0365**		**637.3853**

3.3 P1 Building Construction 1 (mo. 2-4) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3430	3.8351	4.5766	6.5500e-003		0.2055	0.2055		0.1890	0.1890		634.4490	634.4490	0.2052		639.5789
Total	**0.3430**	**3.8351**	**4.5766**	**6.5500e-003**		**0.2055**	**0.2055**		**0.1890**	**0.1890**		**634.4490**	**634.4490**	**0.2052**		**639.5789**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0470	1.3520	0.3826	3.2000e-003	2.6585	6.7500e-003	2.6652	0.2804	6.4500e-003	0.2868		343.7547	343.7547	0.0277		344.4462
Worker	0.1538	0.1027	0.9888	2.9400e-003	12.0603	2.1300e-003	12.0625	1.2530	1.9700e-003	1.2550		292.7188	292.7188	8.8100e-003		292.9392
Total	**0.2007**	**1.4547**	**1.3714**	**6.1400e-003**	**14.7188**	**8.8800e-003**	**14.7277**	**1.5334**	**8.4200e-003**	**1.5418**		**636.4735**	**636.4735**	**0.0365**		**637.3853**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5500e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.4490	634.4490	0.2052		639.5789
Total	**0.1472**	**2.8643**	**4.9523**	**6.5500e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.4490**	**634.4490**	**0.2052**		**639.5789**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0470	1.3520	0.3826	3.2000e-003	1.8849	6.7500e-003	1.8917	0.2032	6.4500e-003	0.2097		343.7547	343.7547	0.0277		344.4462
Worker	0.1538	0.1027	0.9888	2.9400e-003	8.5318	2.1300e-003	8.5340	0.9009	1.9700e-003	0.9029		292.7188	292.7188	8.8100e-003		292.9392
Total	**0.2007**	**1.4547**	**1.3714**	**6.1400e-003**	**10.4168**	**8.8800e-003**	**10.4256**	**1.1041**	**8.4200e-003**	**1.1125**		**636.4735**	**636.4735**	**0.0365**		**637.3853**

3.4 P1 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.9292					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6458	4.4902	4.8838	7.9200e-003		0.2958	0.2958		0.2958	0.2958		750.5281	750.5281	0.0581		751.9809
Total	**53.5750**	**4.4902**	**4.8838**	**7.9200e-003**		**0.2958**	**0.2958**		**0.2958**	**0.2958**		**750.5281**	**750.5281**	**0.0581**		**751.9809**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0333	0.0222	0.2138	6.4000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0489**	**0.4729**	**0.3413**	**1.7100e-003**	**3.4938**	**2.7100e-003**	**3.4965**	**0.3644**	**2.5700e-003**	**0.3670**		**177.8755**	**177.8755**	**0.0111**		**178.1536**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.9292					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0581		751.9809
Total	**53.0745**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0581**		**751.9809**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.6283	2.2500e-003	0.6306	0.0677	2.1500e-003	0.0699		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0333	0.0222	0.2138	6.4000e-004	1.8447	4.6000e-004	1.8452	0.1948	4.2000e-004	0.1952		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0489**	**0.4729**	**0.3413**	**1.7100e-003**	**2.4730**	**2.7100e-003**	**2.4757**	**0.2625**	**2.5700e-003**	**0.2651**		**177.8755**	**177.8755**	**0.0111**		**178.1536**

3.5 P2 Site Preparation (mo. 1) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5072	0.0000	0.5072	0.0548	0.0000	0.0548			0.0000			0.0000
Off-Road	1.4574	15.0817	9.9118	0.0194		0.7540	0.7540		0.7114	0.7114		1,843.2504	1,843.2504	0.4208		1,853.7710
Total	**1.4574**	**15.0817**	**9.9118**	**0.0194**	**0.5072**	**0.7540**	**1.2612**	**0.0548**	**0.7114**	**0.7662**		**1,843.2504**	**1,843.2504**	**0.4208**		**1,853.7710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0470	1.3520	0.3826	3.2000e-003	2.6585	6.7500e-003	2.6652	0.2804	6.4500e-003	0.2868		343.7547	343.7547	0.0277		344.4462
Worker	0.1538	0.1027	0.9888	2.9400e-003	12.0603	2.1300e-003	12.0625	1.2530	1.9700e-003	1.2550		292.7188	292.7188	8.8100e-003		292.9392
Total	**0.2007**	**1.4547**	**1.3714**	**6.1400e-003**	**14.7188**	**8.8800e-003**	**14.7277**	**1.5334**	**8.4200e-003**	**1.5418**		**636.4735**	**636.4735**	**0.0365**		**637.3853**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1978	0.0000	0.1978	0.0214	0.0000	0.0214			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,843.2504	1,843.2504	0.4208		1,853.7710
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1978**	**0.0726**	**0.2704**	**0.0214**	**0.0726**	**0.0940**	**0.0000**	**1,843.2504**	**1,843.2504**	**0.4208**		**1,853.7710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0470	1.3520	0.3826	3.2000e-003	1.8849	6.7500e-003	1.8917	0.2032	6.4500e-003	0.2097		343.7547	343.7547	0.0277		344.4462
Worker	0.1538	0.1027	0.9888	2.9400e-003	8.5318	2.1300e-003	8.5340	0.9009	1.9700e-003	0.9029		292.7188	292.7188	8.8100e-003		292.9392
Total	**0.2007**	**1.4547**	**1.3714**	**6.1400e-003**	**10.4168**	**8.8800e-003**	**10.4256**	**1.1041**	**8.4200e-003**	**1.1125**		**636.4735**	**636.4735**	**0.0365**		**637.3853**

3.6 P1 Building Construction 2 (mo. 5) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2722	3.1605	3.9954	6.2300e-003		0.1327	0.1327		0.1232	0.1232		584.3656	584.3656	0.1779		588.8131
Total	**0.2722**	**3.1605**	**3.9954**	**6.2300e-003**		**0.1327**	**0.1327**		**0.1232**	**0.1232**		**584.3656**	**584.3656**	**0.1779**		**588.8131**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0470	1.3520	0.3826	3.2000e-003	2.6585	6.7500e-003	2.6652	0.2804	6.4500e-003	0.2868		343.7547	343.7547	0.0277		344.4462
Worker	0.1538	0.1027	0.9888	2.9400e-003	12.0603	2.1300e-003	12.0625	1.2530	1.9700e-003	1.2550		292.7188	292.7188	8.8100e-003		292.9392
Total	**0.2007**	**1.4547**	**1.3714**	**6.1400e-003**	**14.7188**	**8.8800e-003**	**14.7277**	**1.5334**	**8.4200e-003**	**1.5418**		**636.4735**	**636.4735**	**0.0365**		**637.3853**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.3656	584.3656	0.1779		588.8131
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.3656**	**584.3656**	**0.1779**		**588.8131**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0470	1.3520	0.3826	3.2000e-003	1.8849	6.7500e-003	1.8917	0.2032	6.4500e-003	0.2097		343.7547	343.7547	0.0277		344.4462
Worker	0.1538	0.1027	0.9888	2.9400e-003	8.5318	2.1300e-003	8.5340	0.9009	1.9700e-003	0.9029		292.7188	292.7188	8.8100e-003		292.9392
Total	**0.2007**	**1.4547**	**1.3714**	**6.1400e-003**	**10.4168**	**8.8800e-003**	**10.4256**	**1.1041**	**8.4200e-003**	**1.1125**		**636.4735**	**636.4735**	**0.0365**		**637.3853**

3.7 P2 Building Construction 1 (mo. 2-4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3105	3.5081	4.5544	6.5600e-003		0.1742	0.1742		0.1603	0.1603		634.6694	634.6694	0.2053		639.8010
Total	**0.3105**	**3.5081**	**4.5544**	**6.5600e-003**		**0.1742**	**0.1742**		**0.1603**	**0.1603**		**634.6694**	**634.6694**	**0.2053**		**639.8010**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	2.6585	2.6700e-003	2.6611	0.2804	2.5500e-003	0.2829		340.5832	340.5832	0.0265		341.2465
Worker	0.1451	0.0933	0.9225	2.8400e-003	12.0603	2.1000e-003	12.0624	1.2530	1.9300e-003	1.2549		282.8826	282.8826	8.1300e-003		283.0858
Total	**0.1834**	**1.3120**	**1.2692**	**6.0100e-003**	**14.7188**	**4.7700e-003**	**14.7236**	**1.5334**	**4.4800e-003**	**1.5379**		**623.4658**	**623.4658**	**0.0347**		**624.3323**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.6694	634.6694	0.2053		639.8010
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.6694**	**634.6694**	**0.2053**		**639.8010**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	1.8849	2.6700e-003	1.8876	0.2032	2.5500e-003	0.2058		340.5832	340.5832	0.0265		341.2465
Worker	0.1451	0.0933	0.9225	2.8400e-003	8.5318	2.1000e-003	8.5339	0.9009	1.9300e-003	0.9028		282.8826	282.8826	8.1300e-003		283.0858
Total	**0.1834**	**1.3120**	**1.2692**	**6.0100e-003**	**10.4168**	**4.7700e-003**	**10.4215**	**1.1041**	**4.4800e-003**	**1.1086**		**623.4658**	**623.4658**	**0.0347**		**624.3323**

3.8 P2 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.7530					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5837	4.0716	4.8468	7.9200e-003		0.2509	0.2509		0.2509	0.2509		750.5281	750.5281	0.0515		751.8158
Total	**52.3368**	**4.0716**	**4.8468**	**7.9200e-003**		**0.2509**	**0.2509**		**0.2509**	**0.2509**		**750.5281**	**750.5281**	**0.0515**		**751.8158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**3.4938**	**1.3400e-003**	**3.4951**	**0.3644**	**1.2700e-003**	**0.3656**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.7530					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0515		751.8158
Total	**51.8983**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0515**		**751.8158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.6283	8.9000e-004	0.6292	0.0677	8.5000e-004	0.0686		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.8447	4.5000e-004	1.8452	0.1948	4.2000e-004	0.1952		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**2.4730**	**1.3400e-003**	**2.4744**	**0.2625**	**1.2700e-003**	**0.2638**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

3.9 P3 Site Preparation (mo. 1) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4821	0.0000	0.4821	0.0521	0.0000	0.0521			0.0000			0.0000
Off-Road	1.3501	14.0184	9.8124	0.0194		0.6755	0.6755		0.6368	0.6368		1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**1.3501**	**14.0184**	**9.8124**	**0.0194**	**0.4821**	**0.6755**	**1.1575**	**0.0521**	**0.6368**	**0.6888**		**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	2.6585	2.6700e-003	2.6611	0.2804	2.5500e-003	0.2829		340.5832	340.5832	0.0265		341.2465
Worker	0.1647	0.1059	1.0472	3.2200e-003	13.6901	2.3800e-003	13.6925	1.4223	2.2000e-003	1.4245		321.1100	321.1100	9.2300e-003		321.3406
Total	**0.2030**	**1.3246**	**1.3939**	**6.3900e-003**	**16.3486**	**5.0500e-003**	**16.3536**	**1.7027**	**4.7500e-003**	**1.7075**		**661.6931**	**661.6931**	**0.0358**		**662.5871**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1880	0.0000	0.1880	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1880**	**0.0726**	**0.2606**	**0.0203**	**0.0726**	**0.0929**	**0.0000**	**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	1.8849	2.6700e-003	1.8876	0.2032	2.5500e-003	0.2058		340.5832	340.5832	0.0265		341.2465
Worker	0.1647	0.1059	1.0472	3.2200e-003	9.6848	2.3800e-003	9.6872	1.0226	2.2000e-003	1.0248		321.1100	321.1100	9.2300e-003		321.3406
Total	**0.2030**	**1.3246**	**1.3939**	**6.3900e-003**	**11.5697**	**5.0500e-003**	**11.5748**	**1.2258**	**4.7500e-003**	**1.2306**		**661.6931**	**661.6931**	**0.0358**		**662.5871**

3.10 P2 Building Construction 2 (mo. 5) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2575	2.9840	3.9925	6.2300e-003		0.1176	0.1176		0.1094	0.1094		584.4840	584.4840	0.1779		588.9325
Total	**0.2575**	**2.9840**	**3.9925**	**6.2300e-003**		**0.1176**	**0.1176**		**0.1094**	**0.1094**		**584.4840**	**584.4840**	**0.1779**		**588.9325**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	2.6585	2.6700e-003	2.6611	0.2804	2.5500e-003	0.2829		340.5832	340.5832	0.0265		341.2465
Worker	0.1451	0.0933	0.9225	2.8400e-003	12.0603	2.1000e-003	12.0624	1.2530	1.9300e-003	1.2549		282.8826	282.8826	8.1300e-003		283.0858
Total	**0.1834**	**1.3120**	**1.2692**	**6.0100e-003**	**14.7188**	**4.7700e-003**	**14.7236**	**1.5334**	**4.4800e-003**	**1.5379**		**623.4658**	**623.4658**	**0.0347**		**624.3323**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.4840	584.4840	0.1779		588.9325
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.4840**	**584.4840**	**0.1779**		**588.9325**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	1.8849	2.6700e-003	1.8876	0.2032	2.5500e-003	0.2058		340.5832	340.5832	0.0265		341.2465
Worker	0.1451	0.0933	0.9225	2.8400e-003	8.5318	2.1000e-003	8.5339	0.9009	1.9300e-003	0.9028		282.8826	282.8826	8.1300e-003		283.0858
Total	**0.1834**	**1.3120**	**1.2692**	**6.0100e-003**	**10.4168**	**4.7700e-003**	**10.4215**	**1.1041**	**4.4800e-003**	**1.1086**		**623.4658**	**623.4658**	**0.0347**		**624.3323**

3.11 P3 Building Construction 1 (mo. 2-4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3105	3.5081	4.5544	6.5600e-003		0.1742	0.1742		0.1603	0.1603		634.6694	634.6694	0.2053		639.8010
Total	**0.3105**	**3.5081**	**4.5544**	**6.5600e-003**		**0.1742**	**0.1742**		**0.1603**	**0.1603**		**634.6694**	**634.6694**	**0.2053**		**639.8010**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	2.6585	2.6700e-003	2.6611	0.2804	2.5500e-003	0.2829		340.5832	340.5832	0.0265		341.2465
Worker	0.1647	0.1059	1.0472	3.2200e-003	13.6901	2.3800e-003	13.6925	1.4223	2.2000e-003	1.4245		321.1100	321.1100	9.2300e-003		321.3406
Total	**0.2030**	**1.3246**	**1.3939**	**6.3900e-003**	**16.3486**	**5.0500e-003**	**16.3536**	**1.7027**	**4.7500e-003**	**1.7075**		**661.6931**	**661.6931**	**0.0358**		**662.5871**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.6694	634.6694	0.2053		639.8010
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.6694**	**634.6694**	**0.2053**		**639.8010**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	1.8849	2.6700e-003	1.8876	0.2032	2.5500e-003	0.2058		340.5832	340.5832	0.0265		341.2465
Worker	0.1647	0.1059	1.0472	3.2200e-003	9.6848	2.3800e-003	9.6872	1.0226	2.2000e-003	1.0248		321.1100	321.1100	9.2300e-003		321.3406
Total	**0.2030**	**1.3246**	**1.3939**	**6.3900e-003**	**11.5697**	**5.0500e-003**	**11.5748**	**1.2258**	**4.7500e-003**	**1.2306**		**661.6931**	**661.6931**	**0.0358**		**662.5871**

3.12 P3 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	59.0364					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5837	4.0716	4.8468	7.9200e-003		0.2509	0.2509		0.2509	0.2509		750.5281	750.5281	0.0515		751.8158
Total	**59.6202**	**4.0716**	**4.8468**	**7.9200e-003**		**0.2509**	**0.2509**		**0.2509**	**0.2509**		**750.5281**	**750.5281**	**0.0515**		**751.8158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**3.4938**	**1.3400e-003**	**3.4951**	**0.3644**	**1.2700e-003**	**0.3656**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	59.0364					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0515		751.8158
Total	**59.1817**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0515**		**751.8158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.6283	8.9000e-004	0.6292	0.0677	8.5000e-004	0.0686		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.8447	4.5000e-004	1.8452	0.1948	4.2000e-004	0.1952		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**2.4730**	**1.3400e-003**	**2.4744**	**0.2625**	**1.2700e-003**	**0.2638**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

3.13 P4 Site Preparation (mo. 1) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4821	0.0000	0.4821	0.0521	0.0000	0.0521			0.0000			0.0000
Off-Road	1.3501	14.0184	9.8124	0.0194		0.6755	0.6755		0.6368	0.6368		1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**1.3501**	**14.0184**	**9.8124**	**0.0194**	**0.4821**	**0.6755**	**1.1575**	**0.0521**	**0.6368**	**0.6888**		**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	2.6585	2.6700e-003	2.6611	0.2804	2.5500e-003	0.2829		340.5832	340.5832	0.0265		341.2465
Worker	0.1569	0.1009	0.9973	3.0700e-003	13.0382	2.2700e-003	13.0405	1.3546	2.0900e-003	1.3567		305.8190	305.8190	8.7900e-003		306.0387
Total	**0.1952**	**1.3196**	**1.3440**	**6.2400e-003**	**15.6966**	**4.9400e-003**	**15.7016**	**1.6350**	**4.6400e-003**	**1.6396**		**646.4022**	**646.4022**	**0.0353**		**647.2852**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1880	0.0000	0.1880	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1880**	**0.0726**	**0.2606**	**0.0203**	**0.0726**	**0.0929**	**0.0000**	**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	1.8849	2.6700e-003	1.8876	0.2032	2.5500e-003	0.2058		340.5832	340.5832	0.0265		341.2465
Worker	0.1569	0.1009	0.9973	3.0700e-003	9.2236	2.2700e-003	9.2259	0.9739	2.0900e-003	0.9760		305.8190	305.8190	8.7900e-003		306.0387
Total	**0.1952**	**1.3196**	**1.3440**	**6.2400e-003**	**11.1085**	**4.9400e-003**	**11.1135**	**1.1771**	**4.6400e-003**	**1.1818**		**646.4022**	**646.4022**	**0.0353**		**647.2852**

3.14 P3 Building Construction 2 (mo. 5) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2575	2.9840	3.9925	6.2300e-003		0.1176	0.1176		0.1094	0.1094		584.4840	584.4840	0.1779		588.9325
Total	**0.2575**	**2.9840**	**3.9925**	**6.2300e-003**		**0.1176**	**0.1176**		**0.1094**	**0.1094**		**584.4840**	**584.4840**	**0.1779**		**588.9325**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	2.6585	2.6700e-003	2.6611	0.2804	2.5500e-003	0.2829		340.5832	340.5832	0.0265		341.2465
Worker	0.1647	0.1059	1.0472	3.2200e-003	13.6901	2.3800e-003	13.6925	1.4223	2.2000e-003	1.4245		321.1100	321.1100	9.2300e-003		321.3406
Total	**0.2030**	**1.3246**	**1.3939**	**6.3900e-003**	**16.3486**	**5.0500e-003**	**16.3536**	**1.7027**	**4.7500e-003**	**1.7075**		**661.6931**	**661.6931**	**0.0358**		**662.5871**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.4840	584.4840	0.1779		588.9325
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.4840**	**584.4840**	**0.1779**		**588.9325**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	1.8849	2.6700e-003	1.8876	0.2032	2.5500e-003	0.2058		340.5832	340.5832	0.0265		341.2465
Worker	0.1647	0.1059	1.0472	3.2200e-003	9.6848	2.3800e-003	9.6872	1.0226	2.2000e-003	1.0248		321.1100	321.1100	9.2300e-003		321.3406
Total	**0.2030**	**1.3246**	**1.3939**	**6.3900e-003**	**11.5697**	**5.0500e-003**	**11.5748**	**1.2258**	**4.7500e-003**	**1.2306**		**661.6931**	**661.6931**	**0.0358**		**662.5871**

3.15 P4 Building Construction 1 (mo. 2-4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3105	3.5081	4.5544	6.5600e-003		0.1742	0.1742		0.1603	0.1603		634.6694	634.6694	0.2053		639.8010
Total	**0.3105**	**3.5081**	**4.5544**	**6.5600e-003**		**0.1742**	**0.1742**		**0.1603**	**0.1603**		**634.6694**	**634.6694**	**0.2053**		**639.8010**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	2.6585	2.6700e-003	2.6611	0.2804	2.5500e-003	0.2829		340.5832	340.5832	0.0265		341.2465
Worker	0.1569	0.1009	0.9973	3.0700e-003	13.0382	2.2700e-003	13.0405	1.3546	2.0900e-003	1.3567		305.8190	305.8190	8.7900e-003		306.0387
Total	**0.1952**	**1.3196**	**1.3440**	**6.2400e-003**	**15.6966**	**4.9400e-003**	**15.7016**	**1.6350**	**4.6400e-003**	**1.6396**		**646.4022**	**646.4022**	**0.0353**		**647.2852**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.6694	634.6694	0.2053		639.8010
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.6694**	**634.6694**	**0.2053**		**639.8010**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	1.8849	2.6700e-003	1.8876	0.2032	2.5500e-003	0.2058		340.5832	340.5832	0.0265		341.2465
Worker	0.1569	0.1009	0.9973	3.0700e-003	9.2236	2.2700e-003	9.2259	0.9739	2.0900e-003	0.9760		305.8190	305.8190	8.7900e-003		306.0387
Total	**0.1952**	**1.3196**	**1.3440**	**6.2400e-003**	**11.1085**	**4.9400e-003**	**11.1135**	**1.1771**	**4.6400e-003**	**1.1818**		**646.4022**	**646.4022**	**0.0353**		**647.2852**

3.16 P4 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.7340					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5837	4.0716	4.8468	7.9200e-003		0.2509	0.2509		0.2509	0.2509		750.5281	750.5281	0.0515		751.8158
Total	**56.3178**	**4.0716**	**4.8468**	**7.9200e-003**		**0.2509**	**0.2509**		**0.2509**	**0.2509**		**750.5281**	**750.5281**	**0.0515**		**751.8158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**3.4938**	**1.3400e-003**	**3.4951**	**0.3644**	**1.2700e-003**	**0.3656**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.7340					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0515		751.8158
Total	**55.8793**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0515**		**751.8158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.6283	8.9000e-004	0.6292	0.0677	8.5000e-004	0.0686		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.8447	4.5000e-004	1.8452	0.1948	4.2000e-004	0.1952		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**2.4730**	**1.3400e-003**	**2.4744**	**0.2625**	**1.2700e-003**	**0.2638**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

3.17 P5 Site Preparation (mo. 1) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4841	0.0000	0.4841	0.0523	0.0000	0.0523			0.0000			0.0000
Off-Road	1.3501	14.0184	9.8124	0.0194		0.6755	0.6755		0.6368	0.6368		1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**1.3501**	**14.0184**	**9.8124**	**0.0194**	**0.4841**	**0.6755**	**1.1596**	**0.0523**	**0.6368**	**0.6891**		**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	2.6585	2.6700e-003	2.6611	0.2804	2.5500e-003	0.2829		340.5832	340.5832	0.0265		341.2465
Worker	0.1569	0.1009	0.9973	3.0700e-003	13.0382	2.2700e-003	13.0405	1.3546	2.0900e-003	1.3567		305.8190	305.8190	8.7900e-003		306.0387
Total	**0.1952**	**1.3196**	**1.3440**	**6.2400e-003**	**15.6966**	**4.9400e-003**	**15.7016**	**1.6350**	**4.6400e-003**	**1.6396**		**646.4022**	**646.4022**	**0.0353**		**647.2852**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1888	0.0000	0.1888	0.0204	0.0000	0.0204			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1888**	**0.0726**	**0.2614**	**0.0204**	**0.0726**	**0.0930**	**0.0000**	**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	1.8849	2.6700e-003	1.8876	0.2032	2.5500e-003	0.2058		340.5832	340.5832	0.0265		341.2465
Worker	0.1569	0.1009	0.9973	3.0700e-003	9.2236	2.2700e-003	9.2259	0.9739	2.0900e-003	0.9760		305.8190	305.8190	8.7900e-003		306.0387
Total	**0.1952**	**1.3196**	**1.3440**	**6.2400e-003**	**11.1085**	**4.9400e-003**	**11.1135**	**1.1771**	**4.6400e-003**	**1.1818**		**646.4022**	**646.4022**	**0.0353**		**647.2852**

3.18 P4 Building Construction 2 (mo. 5) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2575	2.9840	3.9925	6.2300e-003		0.1176	0.1176		0.1094	0.1094		584.4840	584.4840	0.1779		588.9325
Total	**0.2575**	**2.9840**	**3.9925**	**6.2300e-003**		**0.1176**	**0.1176**		**0.1094**	**0.1094**		**584.4840**	**584.4840**	**0.1779**		**588.9325**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	2.6585	2.6700e-003	2.6611	0.2804	2.5500e-003	0.2829		340.5832	340.5832	0.0265		341.2465
Worker	0.1569	0.1009	0.9973	3.0700e-003	13.0382	2.2700e-003	13.0405	1.3546	2.0900e-003	1.3567		305.8190	305.8190	8.7900e-003		306.0387
Total	**0.1952**	**1.3196**	**1.3440**	**6.2400e-003**	**15.6966**	**4.9400e-003**	**15.7016**	**1.6350**	**4.6400e-003**	**1.6396**		**646.4022**	**646.4022**	**0.0353**		**647.2852**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.4840	584.4840	0.1779		588.9325
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.4840**	**584.4840**	**0.1779**		**588.9325**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0383	1.2187	0.3467	3.1700e-003	1.8849	2.6700e-003	1.8876	0.2032	2.5500e-003	0.2058		340.5832	340.5832	0.0265		341.2465
Worker	0.1569	0.1009	0.9973	3.0700e-003	9.2236	2.2700e-003	9.2259	0.9739	2.0900e-003	0.9760		305.8190	305.8190	8.7900e-003		306.0387
Total	**0.1952**	**1.3196**	**1.3440**	**6.2400e-003**	**11.1085**	**4.9400e-003**	**11.1135**	**1.1771**	**4.6400e-003**	**1.1818**		**646.4022**	**646.4022**	**0.0353**		**647.2852**

3.19 P5 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304		634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**		**634.9934**	**634.9934**	**0.2054**		**640.1277**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**15.6966**	**4.5200e-003**	**15.7012**	**1.6350**	**4.2500e-003**	**1.6392**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.9934	634.9934	0.2054		640.1277
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.9934**	**634.9934**	**0.2054**		**640.1277**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**11.1085**	**4.5200e-003**	**11.1131**	**1.1771**	**4.2500e-003**	**1.1814**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

3.20 P5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**57.5461**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**3.4938**	**1.2100e-003**	**3.4950**	**0.3644**	**1.1400e-003**	**0.3655**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**57.1460**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.1000e-004	0.1952		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**2.4730**	**1.2100e-003**	**2.4742**	**0.2625**	**1.1400e-003**	**0.2637**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

3.21 P6 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5555	0.0000	0.5555	0.0600	0.0000	0.0600			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5555**	**0.6112**	**1.1667**	**0.0600**	**0.5759**	**0.6359**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1524	0.0943	0.9485	3.0300e-003	13.3641	2.2800e-003	13.3664	1.3885	2.1000e-003	1.3905		301.9755	301.9755	8.2400e-003		302.1816
Total	**0.1880**	**1.2452**	**1.2768**	**6.1600e-003**	**16.0226**	**4.5800e-003**	**16.0272**	**1.6688**	**4.3000e-003**	**1.6731**		**639.2986**	**639.2986**	**0.0339**		**640.1469**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2167	0.0000	0.2167	0.0234	0.0000	0.0234			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2167**	**0.0726**	**0.2893**	**0.0234**	**0.0726**	**0.0960**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1524	0.0943	0.9485	3.0300e-003	9.4542	2.2800e-003	9.4565	0.9983	2.1000e-003	1.0004		301.9755	301.9755	8.2400e-003		302.1816
Total	**0.1880**	**1.2452**	**1.2768**	**6.1600e-003**	**11.3391**	**4.5800e-003**	**11.3437**	**1.2015**	**4.3000e-003**	**1.2058**		**639.2986**	**639.2986**	**0.0339**		**640.1469**

3.22 P5 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936		584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**		**584.6621**	**584.6621**	**0.1780**		**589.1120**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**15.6966**	**4.5200e-003**	**15.7012**	**1.6350**	**4.2500e-003**	**1.6392**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.6621	584.6621	0.1780		589.1120
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.6621**	**584.6621**	**0.1780**		**589.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**11.1085**	**4.5200e-003**	**11.1131**	**1.1771**	**4.2500e-003**	**1.1814**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

3.23 P6 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4763	5.2660	4.5539	0.0129		0.1823	0.1823		0.1677	0.1677		1,249.9719	1,249.9719	0.4043		1,260.0785
Total	**0.4763**	**5.2660**	**4.5539**	**0.0129**		**0.1823**	**0.1823**		**0.1677**	**0.1677**		**1,249.9719**	**1,249.9719**	**0.4043**		**1,260.0785**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1524	0.0943	0.9485	3.0300e-003	13.3641	2.2800e-003	13.3664	1.3885	2.1000e-003	1.3905		301.9755	301.9755	8.2400e-003		302.1816
Total	**0.1880**	**1.2452**	**1.2768**	**6.1600e-003**	**16.0226**	**4.5800e-003**	**16.0272**	**1.6688**	**4.3000e-003**	**1.6731**		**639.2986**	**639.2986**	**0.0339**		**640.1469**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2335	4.0238	7.6774	0.0129		0.0212	0.0212		0.0212	0.0212	0.0000	1,249.9719	1,249.9719	0.4043		1,260.0785
Total	**0.2335**	**4.0238**	**7.6774**	**0.0129**		**0.0212**	**0.0212**		**0.0212**	**0.0212**	**0.0000**	**1,249.9719**	**1,249.9719**	**0.4043**		**1,260.0785**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1524	0.0943	0.9485	3.0300e-003	9.4542	2.2800e-003	9.4565	0.9983	2.1000e-003	1.0004		301.9755	301.9755	8.2400e-003		302.1816
Total	**0.1880**	**1.2452**	**1.2768**	**6.1600e-003**	**11.3391**	**4.5800e-003**	**11.3437**	**1.2015**	**4.3000e-003**	**1.2058**		**639.2986**	**639.2986**	**0.0339**		**640.1469**

3.24 P6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.5096					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**58.0551**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**3.4938**	**1.2100e-003**	**3.4950**	**0.3644**	**1.1400e-003**	**0.3655**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.5096					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**57.6549**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.1000e-004	0.1952		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**2.4730**	**1.2100e-003**	**2.4742**	**0.2625**	**1.1400e-003**	**0.2637**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

3.25 P6 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					2.1959	0.0000	2.1959	0.2260	0.0000	0.2260			0.0000			0.0000
Worker					9.0966	0.0000	9.0966	0.9363	0.0000	0.9363			0.0000			0.0000
Total					**11.2926**	**0.0000**	**11.2926**	**1.1623**	**0.0000**	**1.1623**			**0.0000**			**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					1.5514	0.0000	1.5514	0.1617	0.0000	0.1617			0.0000			0.0000
Worker					6.4264	0.0000	6.4264	0.6698	0.0000	0.6698			0.0000			0.0000
Total					**7.9778**	**0.0000**	**7.9778**	**0.8315**	**0.0000**	**0.8315**			**0.0000**			**0.0000**

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 9:33 AM

Central Village Residential P1-P6

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	1,129,450.00	3

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 1

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	224,172.90
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	218,375.33
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	200,982.60
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	216,442.80
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	200,982.60
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	216,442.80
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	672,518.70
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	655,125.98
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	602,947.80
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	649,328.40
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tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	649,328.40
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-12
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-12
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	10.50	11.00
tblGrading	AcresOfGrading	11.00	10.00
tblGrading	AcresOfGrading	11.50	10.50
tblGrading	AcresOfGrading	10.50	11.00

tblGrading	AcresOfGrading	11.50	11.00
tblGrading	AcresOfGrading	11.00	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,129,450.00
tblLandUse	LandUseSquareFeet	0.00	1,129,450.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	LoadFactor	0.37	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)

tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P5 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P1 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P2 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00

tblOffRoadEquipment	UsageHours	6.00	8.00
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tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
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tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	1.00	37.00

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tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	37.00
tblTripsAndVMT	WorkerTripNumber	1.00	37.00
tblTripsAndVMT	WorkerTripNumber	1.00	37.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	42.00
tblTripsAndVMT	WorkerTripNumber	1.00	37.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	55.7101	26.0924	21.9197	0.0481	33.4386	1.2026	34.6412	3.4859	1.1495	4.6354	0.0000	4,692.5089	4,692.5089	0.7382	0.0000	4,710.9640
2021	61.6237	24.1274	21.7655	0.0484	36.0210	1.0551	37.0761	3.7541	1.0075	4.7616	0.0000	4,726.1513	4,726.1513	0.7259	0.0000	4,744.2989
2022	59.4153	22.3128	21.4517	0.0480	35.7685	0.9396	36.7082	3.7282	0.8968	4.6250	0.0000	4,683.7374	4,683.7374	0.7173	0.0000	4,701.6705
Maximum	**61.6237**	**26.0924**	**21.9197**	**0.0484**	**36.0210**	**1.2026**	**37.0761**	**3.7541**	**1.1495**	**4.7616**	**0.0000**	**4,726.1513**	**4,726.1513**	**0.7382**	**0.0000**	**4,744.2989**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	53.9639	15.5828	23.8815	0.0481	23.5044	0.1565	23.6609	2.4921	0.1555	2.6475	0.0000	4,692.5089	4,692.5089	0.7382	0.0000	4,710.9640
2021	60.0615	15.2763	23.8665	0.0484	25.3393	0.1474	25.4867	2.6858	0.1468	2.8325	0.0000	4,726.1513	4,726.1513	0.7259	0.0000	4,744.2989
2022	58.0936	15.0997	23.6360	0.0480	25.1373	0.1464	25.2838	2.6645	0.1458	2.8103	0.0000	4,683.7374	4,683.7374	0.7173	0.0000	4,701.6705
Maximum	**60.0615**	**15.5828**	**23.8815**	**0.0484**	**25.3393**	**0.1565**	**25.4867**	**2.6858**	**0.1555**	**2.8325**	**0.0000**	**4,726.1513**	**4,726.1513**	**0.7382**	**0.0000**	**4,744.2989**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.62**	**36.64**	**-9.59**	**0.00**	**29.69**	**85.92**	**31.35**	**28.50**	**85.33**	**40.88**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6100e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.6100e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6100e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.6100e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P1 Site Preparation (mo. 1)	Site Preparation	8/1/2020	8/31/2020	5	21	
2	P1 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2020	11/30/2020	5	65	
3	P1 Architectural Coating	Architectural Coating	11/1/2020	12/31/2020	5	44	
4	P2 Site Preparation (mo. 1)	Site Preparation	12/1/2020	12/31/2020	5	23	
5	P1 Building Construction 2 (mo. 5)	Building Construction	12/1/2020	12/31/2020	5	23	
6	P2 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2021	3/31/2021	5	64	
7	P2 Architectural Coating	Architectural Coating	3/1/2021	4/30/2021	5	45	
8	P3 Site Preparation (mo. 1)	Site Preparation	4/1/2021	4/30/2021	5	22	
9	P2 Building Construction 2 (mo. 5)	Building Construction	4/1/2021	4/30/2021	5	22	
10	P3 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2021	7/31/2021	5	65	
11	P3 Architectural Coating	Architectural Coating	7/1/2021	8/31/2021	5	44	
12	P4 Site Preparation (mo. 1)	Site Preparation	8/1/2021	8/31/2021	5	22	
13	P3 Building Construction 2 (mo. 5)	Building Construction	8/1/2021	8/31/2021	5	22	
14	P4 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2021	11/30/2021	5	65	
15	P4 Architectural Coating	Architectural Coating	11/1/2021	12/31/2021	5	45	
16	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2021	12/31/2021	5	23	
17	P4 Building Construction 2 (mo. 5)	Building Construction	12/1/2021	12/31/2021	5	23	
18	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2022	3/31/2022	5	64	
19	P5 Architectural Coating	Architectural Coating	3/1/2022	4/30/2022	5	44	
20	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2022	4/30/2022	5	21	
21	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2022	4/30/2022	5	21	
22	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2022	7/31/2022	5	65	
23	P6 Architectural Coating	Architectural Coating	7/1/2022	8/31/2022	5	44	
24	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2022	8/31/2022	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 602,948; Residential Outdoor: 200,983; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74

P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37

P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P6 Architectural Coating	Air Compressors	2	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P1 Site Preparation (mo. 1)	5	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	3	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	42.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	3	37.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	42.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	3	42.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	3	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	5	41.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	3	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	41.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	0	28.00	10.00	0.00	10.80	7.30				

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P1 Site Preparation (mo. 1) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5555	0.0000	0.5555	0.0600	0.0000	0.0600			0.0000			0.0000
Off-Road	1.4574	15.0817	9.9118	0.0194		0.7540	0.7540		0.7114	0.7114		1,843.2504	1,843.2504	0.4208		1,853.7710
Total	**1.4574**	**15.0817**	**9.9118**	**0.0194**	**0.5555**	**0.7540**	**1.3095**	**0.0600**	**0.7114**	**0.7714**		**1,843.2504**	**1,843.2504**	**0.4208**		**1,853.7710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0448	1.3531	0.3447	3.2900e-003	2.6585	6.6200e-003	2.6651	0.2804	6.3300e-003	0.2867		352.8481	352.8481	0.0260		353.4988
Worker	0.1358	0.0915	1.0488	3.1300e-003	12.0603	2.1300e-003	12.0625	1.2530	1.9700e-003	1.2550		311.8164	311.8164	9.3100e-003		312.0492
Total	**0.1806**	**1.4446**	**1.3935**	**6.4200e-003**	**14.7188**	**8.7500e-003**	**14.7275**	**1.5334**	**8.3000e-003**	**1.5417**		**664.6645**	**664.6645**	**0.0353**		**665.5480**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2167	0.0000	0.2167	0.0234	0.0000	0.0234			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,843.2504	1,843.2504	0.4208		1,853.7710
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2167**	**0.0726**	**0.2893**	**0.0234**	**0.0726**	**0.0960**	**0.0000**	**1,843.2504**	**1,843.2504**	**0.4208**		**1,853.7710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0448	1.3531	0.3447	3.2900e-003	1.8849	6.6200e-003	1.8916	0.2032	6.3300e-003	0.2095		352.8481	352.8481	0.0260		353.4988
Worker	0.1358	0.0915	1.0488	3.1300e-003	8.5318	2.1300e-003	8.5340	0.9009	1.9700e-003	0.9029		311.8164	311.8164	9.3100e-003		312.0492
Total	**0.1806**	**1.4446**	**1.3935**	**6.4200e-003**	**10.4168**	**8.7500e-003**	**10.4255**	**1.1041**	**8.3000e-003**	**1.1124**		**664.6645**	**664.6645**	**0.0353**		**665.5480**

3.3 P1 Building Construction 1 (mo. 2-4) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3430	3.8351	4.5766	6.5500e-003		0.2055	0.2055		0.1890	0.1890		634.4490	634.4490	0.2052		639.5789
Total	**0.3430**	**3.8351**	**4.5766**	**6.5500e-003**		**0.2055**	**0.2055**		**0.1890**	**0.1890**		**634.4490**	**634.4490**	**0.2052**		**639.5789**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0448	1.3531	0.3447	3.2900e-003	2.6585	6.6200e-003	2.6651	0.2804	6.3300e-003	0.2867		352.8481	352.8481	0.0260		353.4988
Worker	0.1358	0.0915	1.0488	3.1300e-003	12.0603	2.1300e-003	12.0625	1.2530	1.9700e-003	1.2550		311.8164	311.8164	9.3100e-003		312.0492
Total	**0.1806**	**1.4446**	**1.3935**	**6.4200e-003**	**14.7188**	**8.7500e-003**	**14.7275**	**1.5334**	**8.3000e-003**	**1.5417**		**664.6645**	**664.6645**	**0.0353**		**665.5480**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5500e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.4490	634.4490	0.2052		639.5789
Total	**0.1472**	**2.8643**	**4.9523**	**6.5500e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.4490**	**634.4490**	**0.2052**		**639.5789**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0448	1.3531	0.3447	3.2900e-003	1.8849	6.6200e-003	1.8916	0.2032	6.3300e-003	0.2095		352.8481	352.8481	0.0260		353.4988
Worker	0.1358	0.0915	1.0488	3.1300e-003	8.5318	2.1300e-003	8.5340	0.9009	1.9700e-003	0.9029		311.8164	311.8164	9.3100e-003		312.0492
Total	**0.1806**	**1.4446**	**1.3935**	**6.4200e-003**	**10.4168**	**8.7500e-003**	**10.4255**	**1.1041**	**8.3000e-003**	**1.1124**		**664.6645**	**664.6645**	**0.0353**		**665.5480**

3.4 P1 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.9292					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6458	4.4902	4.8838	7.9200e-003		0.2958	0.2958		0.2958	0.2958		750.5281	750.5281	0.0581		751.9809
Total	**53.5750**	**4.4902**	**4.8838**	**7.9200e-003**		**0.2958**	**0.2958**		**0.2958**	**0.2958**		**750.5281**	**750.5281**	**0.0581**		**751.9809**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0294	0.0198	0.2268	6.8000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0443**	**0.4708**	**0.3417**	**1.7800e-003**	**3.4938**	**2.6700e-003**	**3.4965**	**0.3644**	**2.5300e-003**	**0.3669**		**185.0358**	**185.0358**	**0.0107**		**185.3030**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.9292					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0581		751.9809
Total	**53.0745**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0581**		**751.9809**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.6283	2.2100e-003	0.6305	0.0677	2.1100e-003	0.0699		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0294	0.0198	0.2268	6.8000e-004	1.8447	4.6000e-004	1.8452	0.1948	4.2000e-004	0.1952		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0443**	**0.4708**	**0.3417**	**1.7800e-003**	**2.4730**	**2.6700e-003**	**2.4757**	**0.2625**	**2.5300e-003**	**0.2651**		**185.0358**	**185.0358**	**0.0107**		**185.3030**

3.5 P2 Site Preparation (mo. 1) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5072	0.0000	0.5072	0.0548	0.0000	0.0548			0.0000			0.0000
Off-Road	1.4574	15.0817	9.9118	0.0194		0.7540	0.7540		0.7114	0.7114		1,843.2504	1,843.2504	0.4208		1,853.7710
Total	**1.4574**	**15.0817**	**9.9118**	**0.0194**	**0.5072**	**0.7540**	**1.2612**	**0.0548**	**0.7114**	**0.7662**		**1,843.2504**	**1,843.2504**	**0.4208**		**1,853.7710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0448	1.3531	0.3447	3.2900e-003	2.6585	6.6200e-003	2.6651	0.2804	6.3300e-003	0.2867		352.8481	352.8481	0.0260		353.4988
Worker	0.1358	0.0915	1.0488	3.1300e-003	12.0603	2.1300e-003	12.0625	1.2530	1.9700e-003	1.2550		311.8164	311.8164	9.3100e-003		312.0492
Total	**0.1806**	**1.4446**	**1.3935**	**6.4200e-003**	**14.7188**	**8.7500e-003**	**14.7275**	**1.5334**	**8.3000e-003**	**1.5417**		**664.6645**	**664.6645**	**0.0353**		**665.5480**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1978	0.0000	0.1978	0.0214	0.0000	0.0214			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,843.2504	1,843.2504	0.4208		1,853.7710
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1978**	**0.0726**	**0.2704**	**0.0214**	**0.0726**	**0.0940**	**0.0000**	**1,843.2504**	**1,843.2504**	**0.4208**		**1,853.7710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0448	1.3531	0.3447	3.2900e-003	1.8849	6.6200e-003	1.8916	0.2032	6.3300e-003	0.2095		352.8481	352.8481	0.0260		353.4988
Worker	0.1358	0.0915	1.0488	3.1300e-003	8.5318	2.1300e-003	8.5340	0.9009	1.9700e-003	0.9029		311.8164	311.8164	9.3100e-003		312.0492
Total	**0.1806**	**1.4446**	**1.3935**	**6.4200e-003**	**10.4168**	**8.7500e-003**	**10.4255**	**1.1041**	**8.3000e-003**	**1.1124**		**664.6645**	**664.6645**	**0.0353**		**665.5480**

3.6 P1 Building Construction 2 (mo. 5) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2722	3.1605	3.9954	6.2300e-003		0.1327	0.1327		0.1232	0.1232		584.3656	584.3656	0.1779		588.8131
Total	**0.2722**	**3.1605**	**3.9954**	**6.2300e-003**		**0.1327**	**0.1327**		**0.1232**	**0.1232**		**584.3656**	**584.3656**	**0.1779**		**588.8131**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0448	1.3531	0.3447	3.2900e-003	2.6585	6.6200e-003	2.6651	0.2804	6.3300e-003	0.2867		352.8481	352.8481	0.0260		353.4988
Worker	0.1358	0.0915	1.0488	3.1300e-003	12.0603	2.1300e-003	12.0625	1.2530	1.9700e-003	1.2550		311.8164	311.8164	9.3100e-003		312.0492
Total	**0.1806**	**1.4446**	**1.3935**	**6.4200e-003**	**14.7188**	**8.7500e-003**	**14.7275**	**1.5334**	**8.3000e-003**	**1.5417**		**664.6645**	**664.6645**	**0.0353**		**665.5480**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.3656	584.3656	0.1779		588.8131
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.3656**	**584.3656**	**0.1779**		**588.8131**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0448	1.3531	0.3447	3.2900e-003	1.8849	6.6200e-003	1.8916	0.2032	6.3300e-003	0.2095		352.8481	352.8481	0.0260		353.4988
Worker	0.1358	0.0915	1.0488	3.1300e-003	8.5318	2.1300e-003	8.5340	0.9009	1.9700e-003	0.9029		311.8164	311.8164	9.3100e-003		312.0492
Total	**0.1806**	**1.4446**	**1.3935**	**6.4200e-003**	**10.4168**	**8.7500e-003**	**10.4255**	**1.1041**	**8.3000e-003**	**1.1124**		**664.6645**	**664.6645**	**0.0353**		**665.5480**

3.7 P2 Building Construction 1 (mo. 2-4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3105	3.5081	4.5544	6.5600e-003		0.1742	0.1742		0.1603	0.1603		634.6694	634.6694	0.2053		639.8010
Total	**0.3105**	**3.5081**	**4.5544**	**6.5600e-003**		**0.1742**	**0.1742**		**0.1603**	**0.1603**		**634.6694**	**634.6694**	**0.2053**		**639.8010**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	2.6585	2.5700e-003	2.6610	0.2804	2.4500e-003	0.2828		349.6223	349.6223	0.0250		350.2469
Worker	0.1280	0.0832	0.9814	3.0200e-003	12.0603	2.1000e-003	12.0624	1.2530	1.9300e-003	1.2549		301.3431	301.3431	8.6000e-003		301.5581
Total	**0.1643**	**1.3051**	**1.2928**	**6.2700e-003**	**14.7188**	**4.6700e-003**	**14.7234**	**1.5334**	**4.3800e-003**	**1.5378**		**650.9655**	**650.9655**	**0.0336**		**651.8050**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.6694	634.6694	0.2053		639.8010
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.6694**	**634.6694**	**0.2053**		**639.8010**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	1.8849	2.5700e-003	1.8875	0.2032	2.4500e-003	0.2057		349.6223	349.6223	0.0250		350.2469
Worker	0.1280	0.0832	0.9814	3.0200e-003	8.5318	2.1000e-003	8.5339	0.9009	1.9300e-003	0.9028		301.3431	301.3431	8.6000e-003		301.5581
Total	**0.1643**	**1.3051**	**1.2928**	**6.2700e-003**	**10.4168**	**4.6700e-003**	**10.4214**	**1.1041**	**4.3800e-003**	**1.1085**		**650.9655**	**650.9655**	**0.0336**		**651.8050**

3.8 P2 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.7530					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5837	4.0716	4.8468	7.9200e-003		0.2509	0.2509		0.2509	0.2509		750.5281	750.5281	0.0515		751.8158
Total	**52.3368**	**4.0716**	**4.8468**	**7.9200e-003**		**0.2509**	**0.2509**		**0.2509**	**0.2509**		**750.5281**	**750.5281**	**0.0515**		**751.8158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**3.4938**	**1.3100e-003**	**3.4951**	**0.3644**	**1.2400e-003**	**0.3656**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.7530					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0515		751.8158
Total	**51.8983**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0515**		**751.8158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.6283	8.6000e-004	0.6292	0.0677	8.2000e-004	0.0686		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.8447	4.5000e-004	1.8452	0.1948	4.2000e-004	0.1952		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**2.4730**	**1.3100e-003**	**2.4743**	**0.2625**	**1.2400e-003**	**0.2638**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

3.9 P3 Site Preparation (mo. 1) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4821	0.0000	0.4821	0.0521	0.0000	0.0521			0.0000			0.0000
Off-Road	1.3501	14.0184	9.8124	0.0194		0.6755	0.6755		0.6368	0.6368		1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**1.3501**	**14.0184**	**9.8124**	**0.0194**	**0.4821**	**0.6755**	**1.1575**	**0.0521**	**0.6368**	**0.6888**		**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	2.6585	2.5700e-003	2.6610	0.2804	2.4500e-003	0.2828		349.6223	349.6223	0.0250		350.2469
Worker	0.1453	0.0944	1.1140	3.4300e-003	13.6901	2.3800e-003	13.6925	1.4223	2.2000e-003	1.4245		342.0652	342.0652	9.7600e-003		342.3092
Total	**0.1816**	**1.3163**	**1.4254**	**6.6800e-003**	**16.3486**	**4.9500e-003**	**16.3535**	**1.7027**	**4.6500e-003**	**1.7074**		**691.6875**	**691.6875**	**0.0347**		**692.5561**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1880	0.0000	0.1880	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1880**	**0.0726**	**0.2606**	**0.0203**	**0.0726**	**0.0929**	**0.0000**	**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	1.8849	2.5700e-003	1.8875	0.2032	2.4500e-003	0.2057		349.6223	349.6223	0.0250		350.2469
Worker	0.1453	0.0944	1.1140	3.4300e-003	9.6848	2.3800e-003	9.6872	1.0226	2.2000e-003	1.0248		342.0652	342.0652	9.7600e-003		342.3092
Total	**0.1816**	**1.3163**	**1.4254**	**6.6800e-003**	**11.5697**	**4.9500e-003**	**11.5747**	**1.2258**	**4.6500e-003**	**1.2305**		**691.6875**	**691.6875**	**0.0347**		**692.5561**

3.10 P2 Building Construction 2 (mo. 5) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2575	2.9840	3.9925	6.2300e-003		0.1176	0.1176		0.1094	0.1094		584.4840	584.4840	0.1779		588.9325
Total	**0.2575**	**2.9840**	**3.9925**	**6.2300e-003**		**0.1176**	**0.1176**		**0.1094**	**0.1094**		**584.4840**	**584.4840**	**0.1779**		**588.9325**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	2.6585	2.5700e-003	2.6610	0.2804	2.4500e-003	0.2828		349.6223	349.6223	0.0250		350.2469
Worker	0.1280	0.0832	0.9814	3.0200e-003	12.0603	2.1000e-003	12.0624	1.2530	1.9300e-003	1.2549		301.3431	301.3431	8.6000e-003		301.5581
Total	**0.1643**	**1.3051**	**1.2928**	**6.2700e-003**	**14.7188**	**4.6700e-003**	**14.7234**	**1.5334**	**4.3800e-003**	**1.5378**		**650.9655**	**650.9655**	**0.0336**		**651.8050**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.4840	584.4840	0.1779		588.9325
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.4840**	**584.4840**	**0.1779**		**588.9325**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	1.8849	2.5700e-003	1.8875	0.2032	2.4500e-003	0.2057		349.6223	349.6223	0.0250		350.2469
Worker	0.1280	0.0832	0.9814	3.0200e-003	8.5318	2.1000e-003	8.5339	0.9009	1.9300e-003	0.9028		301.3431	301.3431	8.6000e-003		301.5581
Total	**0.1643**	**1.3051**	**1.2928**	**6.2700e-003**	**10.4168**	**4.6700e-003**	**10.4214**	**1.1041**	**4.3800e-003**	**1.1085**		**650.9655**	**650.9655**	**0.0336**		**651.8050**

3.11 P3 Building Construction 1 (mo. 2-4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3105	3.5081	4.5544	6.5600e-003		0.1742	0.1742		0.1603	0.1603		634.6694	634.6694	0.2053		639.8010
Total	**0.3105**	**3.5081**	**4.5544**	**6.5600e-003**		**0.1742**	**0.1742**		**0.1603**	**0.1603**		**634.6694**	**634.6694**	**0.2053**		**639.8010**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	2.6585	2.5700e-003	2.6610	0.2804	2.4500e-003	0.2828		349.6223	349.6223	0.0250		350.2469
Worker	0.1453	0.0944	1.1140	3.4300e-003	13.6901	2.3800e-003	13.6925	1.4223	2.2000e-003	1.4245		342.0652	342.0652	9.7600e-003		342.3092
Total	**0.1816**	**1.3163**	**1.4254**	**6.6800e-003**	**16.3486**	**4.9500e-003**	**16.3535**	**1.7027**	**4.6500e-003**	**1.7074**		**691.6875**	**691.6875**	**0.0347**		**692.5561**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.6694	634.6694	0.2053		639.8010
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.6694**	**634.6694**	**0.2053**		**639.8010**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	1.8849	2.5700e-003	1.8875	0.2032	2.4500e-003	0.2057		349.6223	349.6223	0.0250		350.2469
Worker	0.1453	0.0944	1.1140	3.4300e-003	9.6848	2.3800e-003	9.6872	1.0226	2.2000e-003	1.0248		342.0652	342.0652	9.7600e-003		342.3092
Total	**0.1816**	**1.3163**	**1.4254**	**6.6800e-003**	**11.5697**	**4.9500e-003**	**11.5747**	**1.2258**	**4.6500e-003**	**1.2305**		**691.6875**	**691.6875**	**0.0347**		**692.5561**

3.12 P3 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	59.0364					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5837	4.0716	4.8468	7.9200e-003		0.2509	0.2509		0.2509	0.2509		750.5281	750.5281	0.0515		751.8158
Total	**59.6202**	**4.0716**	**4.8468**	**7.9200e-003**		**0.2509**	**0.2509**		**0.2509**	**0.2509**		**750.5281**	**750.5281**	**0.0515**		**751.8158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**3.4938**	**1.3100e-003**	**3.4951**	**0.3644**	**1.2400e-003**	**0.3656**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	59.0364					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0515		751.8158
Total	**59.1817**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0515**		**751.8158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.6283	8.6000e-004	0.6292	0.0677	8.2000e-004	0.0686		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.8447	4.5000e-004	1.8452	0.1948	4.2000e-004	0.1952		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**2.4730**	**1.3100e-003**	**2.4743**	**0.2625**	**1.2400e-003**	**0.2638**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

3.13 P4 Site Preparation (mo. 1) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4821	0.0000	0.4821	0.0521	0.0000	0.0521			0.0000			0.0000
Off-Road	1.3501	14.0184	9.8124	0.0194		0.6755	0.6755		0.6368	0.6368		1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**1.3501**	**14.0184**	**9.8124**	**0.0194**	**0.4821**	**0.6755**	**1.1575**	**0.0521**	**0.6368**	**0.6888**		**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	2.6585	2.5700e-003	2.6610	0.2804	2.4500e-003	0.2828		349.6223	349.6223	0.0250		350.2469
Worker	0.1384	0.0899	1.0610	3.2700e-003	13.0382	2.2700e-003	13.0405	1.3546	2.0900e-003	1.3567		325.7764	325.7764	9.3000e-003		326.0088
Total	**0.1747**	**1.3118**	**1.3724**	**6.5200e-003**	**15.6966**	**4.8400e-003**	**15.7015**	**1.6350**	**4.5400e-003**	**1.6395**		**675.3987**	**675.3987**	**0.0343**		**676.2557**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1880	0.0000	0.1880	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1880**	**0.0726**	**0.2606**	**0.0203**	**0.0726**	**0.0929**	**0.0000**	**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	1.8849	2.5700e-003	1.8875	0.2032	2.4500e-003	0.2057		349.6223	349.6223	0.0250		350.2469
Worker	0.1384	0.0899	1.0610	3.2700e-003	9.2236	2.2700e-003	9.2259	0.9739	2.0900e-003	0.9760		325.7764	325.7764	9.3000e-003		326.0088
Total	**0.1747**	**1.3118**	**1.3724**	**6.5200e-003**	**11.1085**	**4.8400e-003**	**11.1134**	**1.1771**	**4.5400e-003**	**1.1817**		**675.3987**	**675.3987**	**0.0343**		**676.2557**

3.14 P3 Building Construction 2 (mo. 5) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2575	2.9840	3.9925	6.2300e-003		0.1176	0.1176		0.1094	0.1094		584.4840	584.4840	0.1779		588.9325
Total	**0.2575**	**2.9840**	**3.9925**	**6.2300e-003**		**0.1176**	**0.1176**		**0.1094**	**0.1094**		**584.4840**	**584.4840**	**0.1779**		**588.9325**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	2.6585	2.5700e-003	2.6610	0.2804	2.4500e-003	0.2828		349.6223	349.6223	0.0250		350.2469
Worker	0.1453	0.0944	1.1140	3.4300e-003	13.6901	2.3800e-003	13.6925	1.4223	2.2000e-003	1.4245		342.0652	342.0652	9.7600e-003		342.3092
Total	**0.1816**	**1.3163**	**1.4254**	**6.6800e-003**	**16.3486**	**4.9500e-003**	**16.3535**	**1.7027**	**4.6500e-003**	**1.7074**		**691.6875**	**691.6875**	**0.0347**		**692.5561**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.4840	584.4840	0.1779		588.9325
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.4840**	**584.4840**	**0.1779**		**588.9325**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	1.8849	2.5700e-003	1.8875	0.2032	2.4500e-003	0.2057		349.6223	349.6223	0.0250		350.2469
Worker	0.1453	0.0944	1.1140	3.4300e-003	9.6848	2.3800e-003	9.6872	1.0226	2.2000e-003	1.0248		342.0652	342.0652	9.7600e-003		342.3092
Total	**0.1816**	**1.3163**	**1.4254**	**6.6800e-003**	**11.5697**	**4.9500e-003**	**11.5747**	**1.2258**	**4.6500e-003**	**1.2305**		**691.6875**	**691.6875**	**0.0347**		**692.5561**

3.15 P4 Building Construction 1 (mo. 2-4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3105	3.5081	4.5544	6.5600e-003		0.1742	0.1742		0.1603	0.1603		634.6694	634.6694	0.2053		639.8010
Total	**0.3105**	**3.5081**	**4.5544**	**6.5600e-003**		**0.1742**	**0.1742**		**0.1603**	**0.1603**		**634.6694**	**634.6694**	**0.2053**		**639.8010**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	2.6585	2.5700e-003	2.6610	0.2804	2.4500e-003	0.2828		349.6223	349.6223	0.0250		350.2469
Worker	0.1384	0.0899	1.0610	3.2700e-003	13.0382	2.2700e-003	13.0405	1.3546	2.0900e-003	1.3567		325.7764	325.7764	9.3000e-003		326.0088
Total	**0.1747**	**1.3118**	**1.3724**	**6.5200e-003**	**15.6966**	**4.8400e-003**	**15.7015**	**1.6350**	**4.5400e-003**	**1.6395**		**675.3987**	**675.3987**	**0.0343**		**676.2557**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.6694	634.6694	0.2053		639.8010
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.6694**	**634.6694**	**0.2053**		**639.8010**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	1.8849	2.5700e-003	1.8875	0.2032	2.4500e-003	0.2057		349.6223	349.6223	0.0250		350.2469
Worker	0.1384	0.0899	1.0610	3.2700e-003	9.2236	2.2700e-003	9.2259	0.9739	2.0900e-003	0.9760		325.7764	325.7764	9.3000e-003		326.0088
Total	**0.1747**	**1.3118**	**1.3724**	**6.5200e-003**	**11.1085**	**4.8400e-003**	**11.1134**	**1.1771**	**4.5400e-003**	**1.1817**		**675.3987**	**675.3987**	**0.0343**		**676.2557**

3.16 P4 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.7340					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5837	4.0716	4.8468	7.9200e-003		0.2509	0.2509		0.2509	0.2509		750.5281	750.5281	0.0515		751.8158
Total	**56.3178**	**4.0716**	**4.8468**	**7.9200e-003**		**0.2509**	**0.2509**		**0.2509**	**0.2509**		**750.5281**	**750.5281**	**0.0515**		**751.8158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**3.4938**	**1.3100e-003**	**3.4951**	**0.3644**	**1.2400e-003**	**0.3656**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	55.7340					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0515		751.8158
Total	**55.8793**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0515**		**751.8158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.6283	8.6000e-004	0.6292	0.0677	8.2000e-004	0.0686		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.8447	4.5000e-004	1.8452	0.1948	4.2000e-004	0.1952		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**2.4730**	**1.3100e-003**	**2.4743**	**0.2625**	**1.2400e-003**	**0.2638**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

3.17 P5 Site Preparation (mo. 1) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4841	0.0000	0.4841	0.0523	0.0000	0.0523			0.0000			0.0000
Off-Road	1.3501	14.0184	9.8124	0.0194		0.6755	0.6755		0.6368	0.6368		1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**1.3501**	**14.0184**	**9.8124**	**0.0194**	**0.4841**	**0.6755**	**1.1596**	**0.0523**	**0.6368**	**0.6891**		**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	2.6585	2.5700e-003	2.6610	0.2804	2.4500e-003	0.2828		349.6223	349.6223	0.0250		350.2469
Worker	0.1384	0.0899	1.0610	3.2700e-003	13.0382	2.2700e-003	13.0405	1.3546	2.0900e-003	1.3567		325.7764	325.7764	9.3000e-003		326.0088
Total	**0.1747**	**1.3118**	**1.3724**	**6.5200e-003**	**15.6966**	**4.8400e-003**	**15.7015**	**1.6350**	**4.5400e-003**	**1.6395**		**675.3987**	**675.3987**	**0.0343**		**676.2557**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1888	0.0000	0.1888	0.0204	0.0000	0.0204			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.3570	1,842.3570	0.4173		1,852.7881
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1888**	**0.0726**	**0.2614**	**0.0204**	**0.0726**	**0.0930**	**0.0000**	**1,842.3570**	**1,842.3570**	**0.4173**		**1,852.7881**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	1.8849	2.5700e-003	1.8875	0.2032	2.4500e-003	0.2057		349.6223	349.6223	0.0250		350.2469
Worker	0.1384	0.0899	1.0610	3.2700e-003	9.2236	2.2700e-003	9.2259	0.9739	2.0900e-003	0.9760		325.7764	325.7764	9.3000e-003		326.0088
Total	**0.1747**	**1.3118**	**1.3724**	**6.5200e-003**	**11.1085**	**4.8400e-003**	**11.1134**	**1.1771**	**4.5400e-003**	**1.1817**		**675.3987**	**675.3987**	**0.0343**		**676.2557**

3.18 P4 Building Construction 2 (mo. 5) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2575	2.9840	3.9925	6.2300e-003		0.1176	0.1176		0.1094	0.1094		584.4840	584.4840	0.1779		588.9325
Total	**0.2575**	**2.9840**	**3.9925**	**6.2300e-003**		**0.1176**	**0.1176**		**0.1094**	**0.1094**		**584.4840**	**584.4840**	**0.1779**		**588.9325**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	2.6585	2.5700e-003	2.6610	0.2804	2.4500e-003	0.2828		349.6223	349.6223	0.0250		350.2469
Worker	0.1384	0.0899	1.0610	3.2700e-003	13.0382	2.2700e-003	13.0405	1.3546	2.0900e-003	1.3567		325.7764	325.7764	9.3000e-003		326.0088
Total	**0.1747**	**1.3118**	**1.3724**	**6.5200e-003**	**15.6966**	**4.8400e-003**	**15.7015**	**1.6350**	**4.5400e-003**	**1.6395**		**675.3987**	**675.3987**	**0.0343**		**676.2557**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.4840	584.4840	0.1779		588.9325
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.4840**	**584.4840**	**0.1779**		**588.9325**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0363	1.2220	0.3114	3.2500e-003	1.8849	2.5700e-003	1.8875	0.2032	2.4500e-003	0.2057		349.6223	349.6223	0.0250		350.2469
Worker	0.1384	0.0899	1.0610	3.2700e-003	9.2236	2.2700e-003	9.2259	0.9739	2.0900e-003	0.9760		325.7764	325.7764	9.3000e-003		326.0088
Total	**0.1747**	**1.3118**	**1.3724**	**6.5200e-003**	**11.1085**	**4.8400e-003**	**11.1134**	**1.1771**	**4.5400e-003**	**1.1817**		**675.3987**	**675.3987**	**0.0343**		**676.2557**

3.19 P5 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304		634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**		**634.9934**	**634.9934**	**0.2054**		**640.1277**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**15.6966**	**4.4300e-003**	**15.7011**	**1.6350**	**4.1600e-003**	**1.6391**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.9934	634.9934	0.2054		640.1277
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.9934**	**634.9934**	**0.2054**		**640.1277**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**11.1085**	**4.4300e-003**	**11.1130**	**1.1771**	**4.1600e-003**	**1.1813**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

3.20 P5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**57.5461**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**3.4938**	**1.1800e-003**	**3.4950**	**0.3644**	**1.1100e-003**	**0.3655**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**57.1460**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.1000e-004	0.1952		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**2.4730**	**1.1800e-003**	**2.4742**	**0.2625**	**1.1100e-003**	**0.2636**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

3.21 P6 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5555	0.0000	0.5555	0.0600	0.0000	0.0600			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5555**	**0.6112**	**1.1667**	**0.0600**	**0.5759**	**0.6359**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1341	0.0840	1.0112	3.2300e-003	13.3641	2.2800e-003	13.3664	1.3885	2.1000e-003	1.3905		321.6695	321.6695	8.7400e-003		321.8879
Total	**0.1678**	**1.2388**	**1.3061**	**6.4400e-003**	**16.0226**	**4.4900e-003**	**16.0271**	**1.6688**	**4.2100e-003**	**1.6730**		**668.0060**	**668.0060**	**0.0330**		**668.8298**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2167	0.0000	0.2167	0.0234	0.0000	0.0234			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2167**	**0.0726**	**0.2893**	**0.0234**	**0.0726**	**0.0960**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1341	0.0840	1.0112	3.2300e-003	9.4542	2.2800e-003	9.4565	0.9983	2.1000e-003	1.0004		321.6695	321.6695	8.7400e-003		321.8879
Total	**0.1678**	**1.2388**	**1.3061**	**6.4400e-003**	**11.3391**	**4.4900e-003**	**11.3436**	**1.2015**	**4.2100e-003**	**1.2057**		**668.0060**	**668.0060**	**0.0330**		**668.8298**

3.22 P5 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936		584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**		**584.6621**	**584.6621**	**0.1780**		**589.1120**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**15.6966**	**4.4300e-003**	**15.7011**	**1.6350**	**4.1600e-003**	**1.6391**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.6621	584.6621	0.1780		589.1120
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.6621**	**584.6621**	**0.1780**		**589.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**11.1085**	**4.4300e-003**	**11.1130**	**1.1771**	**4.1600e-003**	**1.1813**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

3.23 P6 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4763	5.2660	4.5539	0.0129		0.1823	0.1823		0.1677	0.1677		1,249.9719	1,249.9719	0.4043		1,260.0785
Total	**0.4763**	**5.2660**	**4.5539**	**0.0129**		**0.1823**	**0.1823**		**0.1677**	**0.1677**		**1,249.9719**	**1,249.9719**	**0.4043**		**1,260.0785**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1341	0.0840	1.0112	3.2300e-003	13.3641	2.2800e-003	13.3664	1.3885	2.1000e-003	1.3905		321.6695	321.6695	8.7400e-003		321.8879
Total	**0.1678**	**1.2388**	**1.3061**	**6.4400e-003**	**16.0226**	**4.4900e-003**	**16.0271**	**1.6688**	**4.2100e-003**	**1.6730**		**668.0060**	**668.0060**	**0.0330**		**668.8298**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2335	4.0238	7.6774	0.0129		0.0212	0.0212		0.0212	0.0212	0.0000	1,249.9719	1,249.9719	0.4043		1,260.0785
Total	**0.2335**	**4.0238**	**7.6774**	**0.0129**		**0.0212**	**0.0212**		**0.0212**	**0.0212**	**0.0000**	**1,249.9719**	**1,249.9719**	**0.4043**		**1,260.0785**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1341	0.0840	1.0112	3.2300e-003	9.4542	2.2800e-003	9.4565	0.9983	2.1000e-003	1.0004		321.6695	321.6695	8.7400e-003		321.8879
Total	**0.1678**	**1.2388**	**1.3061**	**6.4400e-003**	**11.3391**	**4.4900e-003**	**11.3436**	**1.2015**	**4.2100e-003**	**1.2057**		**668.0060**	**668.0060**	**0.0330**		**668.8298**

3.24 P6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.5096					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**58.0551**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**3.4938**	**1.1800e-003**	**3.4950**	**0.3644**	**1.1100e-003**	**0.3655**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.5096					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**57.6549**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.1000e-004	0.1952		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**2.4730**	**1.1800e-003**	**2.4742**	**0.2625**	**1.1100e-003**	**0.2636**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

3.25 P6 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					2.1959	0.0000	2.1959	0.2260	0.0000	0.2260			0.0000			0.0000
Worker					9.0966	0.0000	9.0966	0.9363	0.0000	0.9363			0.0000			0.0000
Total					**11.2926**	**0.0000**	**11.2926**	**1.1623**	**0.0000**	**1.1623**			**0.0000**			**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Vendor					1.5514	0.0000	1.5514	0.1617	0.0000	0.1617			0.0000			0.0000
Worker					6.4264	0.0000	6.4264	0.6698	0.0000	0.6698			0.0000			0.0000
Total					**7.9778**	**0.0000**	**7.9778**	**0.8315**	**0.0000**	**0.8315**			**0.0000**			**0.0000**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/22/2017 9:38 AM

Central Village Residential P1-P6

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P1 Architectural Coating	0.01	0.33	-0.00	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.37	0.18	-0.06	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.32	0.11	-0.03	0.00	0.56	0.54	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.67	0.50	-0.16	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.01	0.28	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.34	0.13	-0.07	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.31	0.07	-0.04	0.00	0.53	0.50	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.67	0.50	-0.16	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.01	0.28	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.33	0.13	-0.07	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.29	0.07	-0.03	0.00	0.53	0.50	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.65	0.47	-0.17	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	0.01	0.28	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	0.34	0.13	-0.07	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	0.30	0.07	-0.04	0.00	0.52	0.50	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.65	0.48	-0.17	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	0.01	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.29	0.07	-0.07	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.27	0.03	-0.04	0.00	0.45	0.41	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	0.65	0.48	-0.17	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	0.01	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.38	0.19	-0.54	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	0.63	0.44	-0.18	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	12	12	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	11	11	No Change	0.00
Graders	Diesel	Tier 4 Interim	6	6	No Change	0.00
Pumps	Diesel	Tier 4 Interim	6	6	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	11	11	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	11	11	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	6	6	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	6	6	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	7.73200E-002	5.36840E-001	6.44970E-001	1.05000E-003	3.29100E-002	3.29100E-002	0.00000E+000	9.05554E+001	9.05554E+001	6.24000E-003	0.00000E+000	9.07114E+001
Cement and Mortar Mixers	7.14000E-003	4.47300E-002	3.74700E-002	9.00000E-005	1.74000E-003	1.74000E-003	0.00000E+000	5.56806E+000	5.56806E+000	5.80000E-004	0.00000E+000	5.58251E+000
Graders	3.00000E-002	3.92840E-001	1.17200E-001	4.40000E-004	1.24900E-002	1.14900E-002	0.00000E+000	3.84371E+001	3.84371E+001	1.24300E-002	0.00000E+000	3.87479E+001
Pumps	2.57500E-002	2.16350E-001	2.47270E-001	4.30000E-004	1.21400E-002	1.21400E-002	0.00000E+000	3.73037E+001	3.73037E+001	2.08000E-003	0.00000E+000	3.73557E+001
Rough Terrain Forklifts	3.03400E-002	3.97540E-001	5.72080E-001	8.60000E-004	1.52100E-002	1.39900E-002	0.00000E+000	7.55417E+001	7.55417E+001	2.44300E-002	0.00000E+000	7.61525E+001
Skid Steer Loaders	9.20000E-003	1.22330E-001	1.68820E-001	2.50000E-004	5.00000E-003	4.60000E-003	0.00000E+000	2.20692E+001	2.20692E+001	7.14000E-003	0.00000E+000	2.22477E+001
Tractors/Loaders/Backhoes	4.20900E-002	4.28970E-001	4.38580E-001	8.10000E-004	2.23000E-002	2.05100E-002	0.00000E+000	7.11042E+001	7.11042E+001	2.30000E-002	0.00000E+000	7.16791E+001
Trenchers	2.58700E-002	2.36670E-001	1.72600E-001	2.20000E-004	1.73100E-002	1.59300E-002	0.00000E+000	1.95723E+001	1.95723E+001	6.33000E-003	0.00000E+000	1.97305E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	1.93200E-002	3.75880E-001	6.49890E-001	1.05000E-003	1.41000E-003	1.41000E-003	0.00000E+000	9.05553E+001	9.05553E+001	6.24000E-003	0.00000E+000	9.07113E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	9.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	5.56805E+000	5.56805E+000	5.80000E-004	0.00000E+000	5.58250E+000
Graders	7.14000E-003	1.15130E-001	2.32040E-001	4.40000E-004	7.10000E-004	7.10000E-004	0.00000E+000	3.84371E+001	3.84371E+001	1.24300E-002	0.00000E+000	3.87478E+001
Pumps	7.96000E-003	1.54840E-001	2.67720E-001	4.30000E-004	5.80000E-004	5.80000E-004	0.00000E+000	3.73037E+001	3.73037E+001	2.08000E-003	0.00000E+000	3.73557E+001
Rough Terrain Forklifts	1.93600E-002	3.76680E-001	6.51260E-001	8.60000E-004	1.41000E-003	1.41000E-003	0.00000E+000	7.55416E+001	7.55416E+001	2.44300E-002	0.00000E+000	7.61524E+001
Skid Steer Loaders	6.18000E-003	1.41210E-001	1.90690E-001	2.50000E-004	5.77000E-003	5.77000E-003	0.00000E+000	2.20692E+001	2.20692E+001	7.14000E-003	0.00000E+000	2.22476E+001
Tractors/Loaders/Backhoes	1.63100E-002	3.00470E-001	5.42920E-001	8.10000E-004	1.32000E-003	1.32000E-003	0.00000E+000	7.11041E+001	7.11041E+001	2.30000E-002	0.00000E+000	7.16791E+001
Trenchers	4.99000E-003	9.71500E-002	1.67970E-001	2.20000E-004	3.60000E-004	3.60000E-004	0.00000E+000	1.95723E+001	1.95723E+001	6.33000E-003	0.00000E+000	1.97305E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	7.50129E-001	2.99829E-001	-7.62826E-003	0.00000E+000	9.57156E-001	9.57156E-001	0.00000E+000	1.21473E-006	1.21473E-006	0.00000E+000	0.00000E+000	1.21264E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.79596E-006	1.79596E-006	0.00000E+000	0.00000E+000	1.79131E-006
Graders	7.62000E-001	7.06929E-001	-9.79863E-001	0.00000E+000	9.43155E-001	9.38207E-001	0.00000E+000	1.30083E-006	1.30083E-006	0.00000E+000	0.00000E+000	1.29039E-006
Pumps	6.90874E-001	2.84308E-001	-8.27031E-002	0.00000E+000	9.52224E-001	9.52224E-001	0.00000E+000	1.34035E-006	1.34035E-006	0.00000E+000	0.00000E+000	1.33848E-006
Rough Terrain Forklifts	3.61898E-001	5.24727E-002	-1.38407E-001	0.00000E+000	9.07298E-001	8.99214E-001	0.00000E+000	1.19140E-006	1.19140E-006	0.00000E+000	0.00000E+000	1.18184E-006
Skid Steer Loaders	3.28261E-001	-1.54337E-001	-1.29546E-001	0.00000E+000	-1.54000E-001	-2.54348E-001	0.00000E+000	1.35936E-006	1.35936E-006	0.00000E+000	0.00000E+000	1.34846E-006
Tractors/Loaders/Backhoes	6.12497E-001	2.99555E-001	-2.37904E-001	0.00000E+000	9.40807E-001	9.35641E-001	0.00000E+000	1.26575E-006	1.26575E-006	0.00000E+000	0.00000E+000	1.11608E-006
Trenchers	8.07112E-001	5.89513E-001	2.68250E-002	0.00000E+000	9.79203E-001	9.77401E-001	0.00000E+000	1.02185E-006	1.02185E-006	0.00000E+000	0.00000E+000	1.52049E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	40.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P1 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	Roads	0.43	0.04	0.30	0.03	0.29	0.28
P1 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P1 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P1 Site Preparation (mo. 1)	Roads	0.14	0.01	0.10	0.01	0.29	0.28
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P2 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	Roads	0.42	0.04	0.30	0.03	0.29	0.28
P2 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	Roads	0.14	0.02	0.10	0.01	0.29	0.28
P2 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P2 Site Preparation (mo. 1)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P3 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	Roads	0.47	0.05	0.34	0.04	0.29	0.28
P3 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P3 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P3 Site Preparation (mo. 1)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P4 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	Roads	0.46	0.05	0.32	0.03	0.29	0.28

P4 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P4 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P4 Site Preparation (mo. 1)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P5 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	Roads	0.45	0.05	0.32	0.03	0.29	0.28
P5 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	Roads	0.15	0.02	0.10	0.01	0.29	0.28
P5 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P5 Site Preparation (mo. 1)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P6 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P6 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	Roads	0.46	0.05	0.33	0.04	0.29	0.28
P6 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	Roads	0.12	0.01	0.08	0.01	0.29	0.28
P6 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P6 Site Preparation (mo. 1)	Roads	0.15	0.02	0.11	0.01	0.29	0.28

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				

No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

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

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Residential P1-P6	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	08/01/20	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
P1 Site Preparation (mo. 1)	Site Preparation	2020/08/01	2020/08/31	5	21
P1 Building Construction 1 (mo. 2-4)	Building Construction	2020/09/01	2020/11/30	5	65
P1 Architectural Coating	Architectural Coating	2020/11/01	2020/12/31	5	44
P1 Building Construction 2 (mo. 5)	Building Construction	2020/12/01	2020/12/31	5	23
P2 Site Preparation (mo. 1)	Site Preparation	2020/12/01	2020/12/31	5	23
P2 Building Construction 1 (mo. 2-4)	Building Construction	2021/01/01	2021/03/31	5	64
P2 Architectural Coating	Architectural Coating	2021/03/01	2021/04/30	5	45
P2 Building Construction 2 (mo. 5)	Building Construction	2021/04/01	2021/04/30	5	22
P3 Site Preparation (mo. 1)	Site Preparation	2021/04/01	2021/04/30	5	22
P3 Building Construction 1 (mo. 2-4)	Building Construction	2021/05/01	2021/07/31	5	65
P3 Architectural Coating	Architectural Coating	2021/07/01	2021/08/31	5	44
P4 Site Preparation (mo. 1)	Site Preparation	2021/08/01	2021/08/31	5	22
P3 Building Construction 2 (mo. 5)	Building Construction	2021/08/01	2021/08/31	5	22
P4 Building Construction 1 (mo. 2-4)	Building Construction	2021/09/01	2021/11/30	5	65
P4 Architectural Coating	Architectural Coating	2021/11/01	2021/12/31	5	45
P4 Building Construction 2 (mo. 5)	Building Construction	2021/12/01	2021/12/31	5	23
P5 Site Preparation (mo. 1)	Site Preparation	2021/12/01	2021/12/31	5	23
P5 Building Construction 1 (mo. 2-4)	Building Construction	2022/01/01	2022/03/31	5	64
P5 Architectural Coating	Architectural Coating	2022/03/01	2022/04/30	5	44
P5 Building Construction 2 (mo. 5)	Building Construction	2022/04/01	2022/04/30	5	21
P6 Site Preparation (mo. 1)	Site Preparation	2022/04/01	2022/04/30	5	21
P6 Building Construction 1 (mo. 2-4)	Building Construction	2022/05/01	2022/07/31	5	65
P6 Architectural Coating	Architectural Coating	2022/07/01	2022/08/31	5	44
P6 Building Construction 2 (mo. 5)	Building Construction	2022/08/01	2022/08/31	5	23

CalEEMod Input Matrix
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
All Phases Site Preparation (mo.	Grader	1	default		
	Skid Steer	1			
	Trencher	1			
	Pump	1			
	Cement Mixer	1			
All Phases Building Construction	Rough Terrain Forklift	1			
	Backhoe	1			
All Phases Building Construction	Rough Terrain Forklift	1			
	Skid Steer	2			
	Cement Mixer	1			
All Phases Architectural Coating	Air Compressor	2			

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%)**	**Material Silt Content**
Site Prep	default						
Grading							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

CalEEMod Input Matrix
Construction Phase

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
All Phases Site Preparation (mo. 1)	Refer to Construction VMT worksheet								
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Architectural Coating									

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
All Phases Site Preparation (mo. 1)	98		default					
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
P1 Architectural Coating	50	602,948	100	200,983	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	602,948	100	200,983	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	672,519	100	224,173	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	649,328	100	216,443	N/A	0	N/A	0	N/A	
P5 Architectural Coating	50	649,328	100	216,443	N/A	0	N/A	0	N/A	
P6 Architectural Coating	50	655,126	100	218,375	N/A	0	N/A	0	N/A	

CalEEMod Input Matrix
Construction Mobile

Table 12: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to VMT Worksheet	

Table 13: Vehicle Emissions
default

CalEEMod Input Matrix
Construction Mobile

Table 14: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
Single Family Housing	default												

Table 15: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 16: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Tables 17 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Matrix
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 10:05 AM

Central Village Residential P7-P11

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	675,668.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 1

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	56,043.23
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	44,448.08
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	216,442.80
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	168,129.68
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	133,344.23
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	649,328.40
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-17
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	11.50	11.00
tblGrading	AcresOfGrading	10.50	10.00
tblGrading	AcresOfGrading	11.00	10.50
tblGrading	AcresOfGrading	11.50	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	675,668.00
tblLandUse	LandUseSquareFeet	0.00	675,668.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	LoadFactor	0.37	0.50
tblOffRoadEquipment	LoadFactor	0.37	0.50

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2025
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	40.00

tblTripsAndVMT	WorkerTripNumber	1.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	8.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	1.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	59.3353	21.4966	20.5500	0.0433	25.1702	0.9368	26.1070	2.6242	0.8942	3.5184	0.0000	4,196.2118	4,196.2118	0.6971	0.0000	4,213.6401
2023	20.9870	20.6469	19.8414	0.0445	11.9654	0.9018	12.7988	1.2494	0.8568	2.0444	0.0000	4,293.0849	4,293.0849	0.8847	0.0000	4,315.2026
2024	16.2483	6.6667	9.7833	0.0173	5.6838	0.2714	5.9552	0.5933	0.2627	0.8560	0.0000	1,685.5780	1,685.5780	0.2652	0.0000	1,692.2081
Maximum	**59.3353**	**21.4966**	**20.5500**	**0.0445**	**25.1702**	**0.9368**	**26.1070**	**2.6242**	**0.8942**	**3.5184**	**0.0000**	**4,293.0849**	**4,293.0849**	**0.8847**	**0.0000**	**4,315.2026**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	57.9196	14.2836	22.7343	0.0433	17.6449	0.1436	17.7885	1.8706	0.1432	2.0138	0.0000	4,196.2118	4,196.2118	0.6971	0.0000	4,213.6401
2023	19.5930	14.3814	25.0336	0.0445	8.3083	0.1389	8.4472	0.8819	0.1388	1.0207	0.0000	4,293.0849	4,293.0849	0.8847	0.0000	4,315.2026
2024	15.8125	6.3086	10.2704	0.0173	4.0237	0.0651	4.0888	0.4276	0.0650	0.4927	0.0000	1,685.5780	1,685.5780	0.2652	0.0000	1,692.2081
Maximum	**57.9196**	**14.3814**	**25.0336**	**0.0445**	**17.6449**	**0.1436**	**17.7885**	**1.8706**	**0.1432**	**2.0138**	**0.0000**	**4,293.0849**	**4,293.0849**	**0.8847**	**0.0000**	**4,315.2026**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**3.36**	**28.35**	**-15.67**	**0.00**	**29.99**	**83.53**	**32.40**	**28.81**	**82.77**	**45.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5400e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5400e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5400e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5400e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2022	8/31/2022	5	23	
2	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2022	11/30/2022	5	65	
3	P7 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
4	P8 Site Preparation (mo. 1)	Site Preparation	12/1/2022	12/31/2022	5	22	
5	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2022	12/31/2022	5	22	
6	P8 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2023	3/1/2023	5	43	
7	P9 Site Preparation (mo. 1)	Site Preparation	3/1/2023	3/31/2023	5	23	
8	P8 Architectural Coating	Architectural Coating	3/1/2023	4/30/2023	5	43	
9	P8 Building Construction 2 (mo. 5)	Building Construction	4/1/2023	4/30/2023	5	20	
10	P9 Building Construction 1 (mo. 2-4)	Building Construction	4/1/2023	6/30/2023	5	65	
11	P9 Architectural Coating	Architectural Coating	6/1/2023	7/31/2023	5	43	
12	P10 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
13	P9 Building Construction 2 (mo. 5)	Building Construction	7/1/2023	7/31/2023	5	21	
14	P10 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66	
15	P10 Architectural Coating	Architectural Coating	10/1/2023	11/30/2023	5	44	
16	P11 Site Preparation (mo. 1)	Site Preparation	11/1/2023	11/30/2023	5	22	
17	P10 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
18	P11 Building Construction 1 (mo. 2-4)	Building Construction	12/1/2023	2/28/2024	5	64	
19	P11 Architectural Coating	Architectural Coating	2/1/2024	3/31/2024	5	42	
20	P11 Building Construction 2 (mo. 5)	Building Construction	3/1/2024	3/31/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 649,328; Residential Outdoor: 216,443; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P7 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Architectural Coating	Air Compressors	2	8.00	78	0.48
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Architectural Coating	Air Compressors	2	8.00	78	0.48
P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40

P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P10 Architectural Coating	Air Compressors	2	8.00	78	0.48
P10 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P10 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P10 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P10 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P11 Architectural Coating	Air Compressors	2	8.00	78	0.48
P11 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P11 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P11 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P11 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P7 Site Preparation (mo. 1)	5	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	3	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2-	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	3	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 1 (mo. 2-	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 2 (mo. 5)	3	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P7 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5072	0.0000	0.5072	0.0548	0.0000	0.0548			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5072**	**0.6112**	**1.1184**	**0.0548**	**0.5759**	**0.6306**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**15.6966**	**4.5200e-003**	**15.7012**	**1.6350**	**4.2500e-003**	**1.6392**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1978	0.0000	0.1978	0.0214	0.0000	0.0214			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1978**	**0.0726**	**0.2704**	**0.0214**	**0.0726**	**0.0940**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**11.1085**	**4.5200e-003**	**11.1131**	**1.1771**	**4.2500e-003**	**1.1814**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

3.3 P7 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304		634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**		**634.9934**	**634.9934**	**0.2054**		**640.1277**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**15.6966**	**4.5200e-003**	**15.7012**	**1.6350**	**4.2500e-003**	**1.6392**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.9934	634.9934	0.2054		640.1277
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.9934**	**634.9934**	**0.2054**		**640.1277**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**11.1085**	**4.5200e-003**	**11.1131**	**1.1771**	**4.2500e-003**	**1.1814**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

3.4 P7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**57.5461**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**3.4938**	**1.2100e-003**	**3.4950**	**0.3644**	**1.1400e-003**	**0.3655**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**57.1460**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.1000e-004	0.1952		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**2.4730**	**1.2100e-003**	**2.4742**	**0.2625**	**1.1400e-003**	**0.2637**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

3.5 P8 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5303**	**0.6112**	**1.1414**	**0.0573**	**0.5759**	**0.6331**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0520	0.0322	0.3239	1.0300e-003	4.5634	7.8000e-004	4.5641	0.4741	7.2000e-004	0.4748		103.1136	103.1136	2.8200e-003		103.1840
Total	**0.0639**	**0.4158**	**0.4333**	**2.0700e-003**	**5.4495**	**1.5500e-003**	**5.4511**	**0.5676**	**1.4500e-003**	**0.5690**		**215.5546**	**215.5546**	**0.0114**		**215.8391**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2068**	**0.0726**	**0.2794**	**0.0223**	**0.0726**	**0.0949**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0520	0.0322	0.3239	1.0300e-003	3.2283	7.8000e-004	3.2290	0.3409	7.2000e-004	0.3416		103.1136	103.1136	2.8200e-003		103.1840
Total	**0.0639**	**0.4158**	**0.4333**	**2.0700e-003**	**3.8566**	**1.5500e-003**	**3.8581**	**0.4086**	**1.4500e-003**	**0.4101**		**215.5546**	**215.5546**	**0.0114**		**215.8391**

3.6 P7 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936		584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**		**584.6621**	**584.6621**	**0.1780**		**589.1120**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**15.6966**	**4.5200e-003**	**15.7012**	**1.6350**	**4.2500e-003**	**1.6392**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.6621	584.6621	0.1780		589.1120
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.6621**	**584.6621**	**0.1780**		**589.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**11.1085**	**4.5200e-003**	**11.1131**	**1.1771**	**4.2500e-003**	**1.1814**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

3.7 P8 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446		1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**		**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**5.1236**	**1.0900e-003**	**5.1247**	**0.5337**	**1.0100e-003**	**0.5347**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2335	4.0238	7.6774	0.0129		0.0212	0.0212		0.0212	0.0212	0.0000	1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.2335**	**4.0238**	**7.6774**	**0.0129**		**0.0212**	**0.0212**		**0.0212**	**0.0212**	**0.0000**	**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**3.6260**	**1.0900e-003**	**3.6271**	**0.3843**	**1.0100e-003**	**0.3853**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

3.8 P9 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4611	0.0000	0.4611	0.0498	0.0000	0.0498			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.4611**	**0.5535**	**1.0146**	**0.0498**	**0.5211**	**0.5709**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**3.0507**	**6.3000e-004**	**3.0513**	**0.3177**	**5.8000e-004**	**0.3182**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1798	0.0000	0.1798	0.0194	0.0000	0.0194			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1798**	**0.0726**	**0.2524**	**0.0194**	**0.0726**	**0.0920**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.3142	1.9000e-004	0.3144	0.0339	1.8000e-004	0.0341		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**2.1589**	**6.3000e-004**	**2.1595**	**0.2287**	**5.8000e-004**	**0.2292**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

3.9 P8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.7477					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**19.2588**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.7477					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**18.8930**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**1.5507**	**6.0000e-004**	**1.5513**	**0.1651**	**5.6000e-004**	**0.1657**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.10 P8 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**5.1236**	**1.0900e-003**	**5.1247**	**0.5337**	**1.0100e-003**	**0.5347**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**3.6260**	**1.0900e-003**	**3.6271**	**0.3843**	**1.0100e-003**	**0.3853**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

3.11 P9 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446		1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**		**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**3.0507**	**6.3000e-004**	**3.0513**	**0.3177**	**5.8000e-004**	**0.3182**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2335	4.0238	7.6774	0.0129		0.0212	0.0212		0.0212	0.0212	0.0000	1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.2335**	**4.0238**	**7.6774**	**0.0129**		**0.0212**	**0.0212**		**0.0212**	**0.0212**	**0.0000**	**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.3142	1.9000e-004	0.3144	0.0339	1.8000e-004	0.0341		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**2.1589**	**6.3000e-004**	**2.1595**	**0.2287**	**5.8000e-004**	**0.2292**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

3.12 P9 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.9777					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**12.4888**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.9777					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**12.1230**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.0895**	**4.9000e-004**	**1.0900**	**0.1164**	**4.6000e-004**	**0.1169**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.13 P10 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5050	0.0000	0.5050	0.0545	0.0000	0.0545			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5050**	**0.5535**	**1.0585**	**0.0545**	**0.5211**	**0.5757**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0494	0.0294	0.3002	9.9000e-004	4.5634	7.6000e-004	4.5641	0.4741	7.0000e-004	0.4748		99.1755	99.1755	2.5700e-003		99.2398
Total	**0.0586**	**0.3311**	**0.3991**	**2.0100e-003**	**5.4495**	**1.1400e-003**	**5.4507**	**0.5676**	**1.0600e-003**	**0.5686**		**208.8032**	**208.8032**	**0.0104**		**209.0624**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1970	0.0000	0.1970	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1970**	**0.0726**	**0.2696**	**0.0213**	**0.0726**	**0.0939**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0494	0.0294	0.3002	9.9000e-004	3.2283	7.6000e-004	3.2290	0.3409	7.0000e-004	0.3416		99.1755	99.1755	2.5700e-003		99.2398
Total	**0.0586**	**0.3311**	**0.3991**	**2.0100e-003**	**3.8566**	**1.1400e-003**	**3.8577**	**0.4086**	**1.0600e-003**	**0.4097**		**208.8032**	**208.8032**	**0.0104**		**209.0624**

3.14 P9 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**3.0507**	**6.3000e-004**	**3.0513**	**0.3177**	**5.8000e-004**	**0.3182**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.3142	1.9000e-004	0.3144	0.0339	1.8000e-004	0.0341		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**2.1589**	**6.3000e-004**	**2.1595**	**0.2287**	**5.8000e-004**	**0.2292**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

3.15 P10 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**5.1236**	**1.0900e-003**	**5.1247**	**0.5337**	**1.0100e-003**	**0.5347**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**3.6260**	**1.0900e-003**	**3.6271**	**0.3843**	**1.0100e-003**	**0.3853**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

3.16 P10 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.3217					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**18.8327**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.3217					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**18.4669**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**1.5507**	**6.0000e-004**	**1.5513**	**0.1651**	**5.6000e-004**	**0.1657**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.17 P11 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5062**	**0.5535**	**1.0596**	**0.0547**	**0.5211**	**0.5758**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**4.1457**	**9.2000e-004**	**4.1466**	**0.4321**	**8.6000e-004**	**0.4330**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1974**	**0.0726**	**0.2700**	**0.0213**	**0.0726**	**0.0939**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	2.3059	5.4000e-004	2.3064	0.2435	5.0000e-004	0.2440		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**2.9342**	**9.2000e-004**	**2.9351**	**0.3112**	**8.6000e-004**	**0.3121**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

3.18 P10 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**5.1236**	**1.0900e-003**	**5.1247**	**0.5337**	**1.0100e-003**	**0.5347**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**3.6260**	**1.0900e-003**	**3.6271**	**0.3843**	**1.0100e-003**	**0.3853**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

3.19 P11 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**4.1457**	**9.2000e-004**	**4.1466**	**0.4321**	**8.6000e-004**	**0.4330**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	2.3059	5.4000e-004	2.3064	0.2435	5.0000e-004	0.2440		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**2.9342**	**9.2000e-004**	**2.9351**	**0.3112**	**8.6000e-004**	**0.3121**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

3.19 P11 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		68.0512	68.0512	1.6900e-003		68.0934
Total	**0.0425**	**0.3167**	**0.2959**	**1.6900e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**176.9939**	**176.9939**	**9.3800e-003**		**177.2284**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	2.3059	5.3000e-004	2.3064	0.2435	4.9000e-004	0.2440		68.0512	68.0512	1.6900e-003		68.0934
Total	**0.0425**	**0.3167**	**0.2959**	**1.6900e-003**	**2.9342**	**9.0000e-004**	**2.9351**	**0.3112**	**8.4000e-004**	**0.3121**		**176.9939**	**176.9939**	**9.3800e-003**		**177.2284**

3.20 P11 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.4619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**15.9440**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**1.5381**	**4.8000e-004**	**1.5385**	**0.1612**	**4.5000e-004**	**0.1616**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.4619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**15.6072**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**1.0895**	**4.8000e-004**	**1.0900**	**0.1164**	**4.5000e-004**	**0.1169**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

3.21 P11 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		68.0512	68.0512	1.6900e-003		68.0934
Total	**0.0425**	**0.3167**	**0.2959**	**1.6900e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**176.9939**	**176.9939**	**9.3800e-003**		**177.2284**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	2.3059	5.3000e-004	2.3064	0.2435	4.9000e-004	0.2440		68.0512	68.0512	1.6900e-003		68.0934
Total	**0.0425**	**0.3167**	**0.2959**	**1.6900e-003**	**2.9342**	**9.0000e-004**	**2.9351**	**0.3112**	**8.4000e-004**	**0.3121**		**176.9939**	**176.9939**	**9.3800e-003**		**177.2284**

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Central Village Residential P7-P11 - San Diego County, Summer

Central Village Residential P7-P11

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	675,668.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 1

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	56,043.23
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	44,448.08
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	216,442.80
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	168,129.68
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	133,344.23
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	649,328.40
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-17
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	11.50	11.00
tblGrading	AcresOfGrading	10.50	10.00
tblGrading	AcresOfGrading	11.00	10.50
tblGrading	AcresOfGrading	11.50	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	675,668.00
tblLandUse	LandUseSquareFeet	0.00	675,668.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	LoadFactor	0.37	0.50
tblOffRoadEquipment	LoadFactor	0.37	0.50

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2025
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	40.00

tblTripsAndVMT	WorkerTripNumber	1.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	8.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	1.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	59.3045	21.4876	20.5892	0.0437	25.1702	0.9367	26.1069	2.6242	0.8940	3.5182	0.0000	4,241.0153	4,241.0153	0.6954	0.0000	4,258.4009
2023	20.9750	20.6446	19.8560	0.0447	11.9654	0.9018	12.7988	1.2494	0.8567	2.0443	0.0000	4,311.8753	4,311.8753	0.8840	0.0000	4,333.9748
2024	16.2423	6.6668	9.7832	0.0174	5.6838	0.2714	5.9551	0.5933	0.2627	0.8560	0.0000	1,696.6177	1,696.6177	0.2646	0.0000	1,703.2316
Maximum	**59.3045**	**21.4876**	**20.5892**	**0.0447**	**25.1702**	**0.9367**	**26.1069**	**2.6242**	**0.8940**	**3.5182**	**0.0000**	**4,311.8753**	**4,311.8753**	**0.8840**	**0.0000**	**4,333.9748**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	57.8888	14.2746	22.7734	0.0437	17.6449	0.1434	17.7884	1.8706	0.1430	2.0136	0.0000	4,241.0153	4,241.0153	0.6954	0.0000	4,258.4009
2023	19.5809	14.3791	25.0483	0.0447	8.3083	0.1389	8.4471	0.8819	0.1387	1.0206	0.0000	4,311.8753	4,311.8753	0.8840	0.0000	4,333.9748
2024	15.8065	6.3088	10.2703	0.0174	4.0237	0.0651	4.0888	0.4276	0.0650	0.4926	0.0000	1,696.6177	1,696.6177	0.2646	0.0000	1,703.2316
Maximum	**57.8888**	**14.3791**	**25.0483**	**0.0447**	**17.6449**	**0.1434**	**17.7884**	**1.8706**	**0.1430**	**2.0136**	**0.0000**	**4,311.8753**	**4,311.8753**	**0.8840**	**0.0000**	**4,333.9748**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**3.36**	**28.35**	**-15.66**	**0.00**	**29.99**	**83.54**	**32.40**	**28.81**	**82.78**	**45.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5400e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5400e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5400e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5400e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2022	8/31/2022	5	23	
2	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2022	11/30/2022	5	65	
3	P7 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
4	P8 Site Preparation (mo. 1)	Site Preparation	12/1/2022	12/31/2022	5	22	
5	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2022	12/31/2022	5	22	
6	P8 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2023	3/1/2023	5	43	
7	P9 Site Preparation (mo. 1)	Site Preparation	3/1/2023	3/31/2023	5	23	
8	P8 Architectural Coating	Architectural Coating	3/1/2023	4/30/2023	5	43	
9	P8 Building Construction 2 (mo. 5)	Building Construction	4/1/2023	4/30/2023	5	20	
10	P9 Building Construction 1 (mo. 2-4)	Building Construction	4/1/2023	6/30/2023	5	65	
11	P9 Architectural Coating	Architectural Coating	6/1/2023	7/31/2023	5	43	
12	P10 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
13	P9 Building Construction 2 (mo. 5)	Building Construction	7/1/2023	7/31/2023	5	21	
14	P10 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66	
15	P10 Architectural Coating	Architectural Coating	10/1/2023	11/30/2023	5	44	
16	P11 Site Preparation (mo. 1)	Site Preparation	11/1/2023	11/30/2023	5	22	
17	P10 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
18	P11 Building Construction 1 (mo. 2-4)	Building Construction	12/1/2023	2/28/2024	5	64	
19	P11 Architectural Coating	Architectural Coating	2/1/2024	3/31/2024	5	42	
20	P11 Building Construction 2 (mo. 5)	Building Construction	3/1/2024	3/31/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 649,328; Residential Outdoor: 216,443; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P7 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Architectural Coating	Air Compressors	2	8.00	78	0.48
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Architectural Coating	Air Compressors	2	8.00	78	0.48
P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40

P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P10 Architectural Coating	Air Compressors	2	8.00	78	0.48
P10 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P10 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P10 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P10 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P11 Architectural Coating	Air Compressors	2	8.00	78	0.48
P11 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P11 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P11 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P11 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P7 Site Preparation (mo. 1)	5	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	3	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2-	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	3	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 1 (mo. 2-	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 2 (mo. 5)	3	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P7 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5072	0.0000	0.5072	0.0548	0.0000	0.0548			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5072**	**0.6112**	**1.1184**	**0.0548**	**0.5759**	**0.6306**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**15.6966**	**4.4300e-003**	**15.7011**	**1.6350**	**4.1600e-003**	**1.6391**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1978	0.0000	0.1978	0.0214	0.0000	0.0214			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1978**	**0.0726**	**0.2704**	**0.0214**	**0.0726**	**0.0940**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**11.1085**	**4.4300e-003**	**11.1130**	**1.1771**	**4.1600e-003**	**1.1813**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

3.3 P7 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304		634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**		**634.9934**	**634.9934**	**0.2054**		**640.1277**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**15.6966**	**4.4300e-003**	**15.7011**	**1.6350**	**4.1600e-003**	**1.6391**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	634.9934	634.9934	0.2054		640.1277
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**634.9934**	**634.9934**	**0.2054**		**640.1277**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**11.1085**	**4.4300e-003**	**11.1130**	**1.1771**	**4.1600e-003**	**1.1813**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

3.4 P7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**57.5461**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**3.4938**	**1.1800e-003**	**3.4950**	**0.3644**	**1.1100e-003**	**0.3655**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**57.1460**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.1000e-004	0.1952		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**2.4730**	**1.1800e-003**	**2.4742**	**0.2625**	**1.1100e-003**	**0.2636**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

3.5 P8 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5303**	**0.6112**	**1.1414**	**0.0573**	**0.5759**	**0.6331**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0458	0.0287	0.3453	1.1000e-003	4.5634	7.8000e-004	4.5641	0.4741	7.2000e-004	0.4748		109.8384	109.8384	2.9800e-003		109.9129
Total	**0.0570**	**0.4136**	**0.4436**	**2.1700e-003**	**5.4495**	**1.5200e-003**	**5.4510**	**0.5676**	**1.4200e-003**	**0.5690**		**225.2839**	**225.2839**	**0.0111**		**225.5603**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.2068**	**0.0726**	**0.2794**	**0.0223**	**0.0726**	**0.0949**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0458	0.0287	0.3453	1.1000e-003	3.2283	7.8000e-004	3.2290	0.3409	7.2000e-004	0.3416		109.8384	109.8384	2.9800e-003		109.9129
Total	**0.0570**	**0.4136**	**0.4436**	**2.1700e-003**	**3.8566**	**1.5200e-003**	**3.8581**	**0.4086**	**1.4200e-003**	**0.4100**		**225.2839**	**225.2839**	**0.0111**		**225.5603**

3.6 P7 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936		584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**		**584.6621**	**584.6621**	**0.1780**		**589.1120**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**15.6966**	**4.4300e-003**	**15.7011**	**1.6350**	**4.1600e-003**	**1.6391**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.6621	584.6621	0.1780		589.1120
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.6621**	**584.6621**	**0.1780**		**589.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**11.1085**	**4.4300e-003**	**11.1130**	**1.1771**	**4.1600e-003**	**1.1813**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

3.7 P8 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446		1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**		**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**5.1236**	**1.0700e-003**	**5.1246**	**0.5337**	**9.9000e-004**	**0.5347**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2335	4.0238	7.6774	0.0129		0.0212	0.0212		0.0212	0.0212	0.0000	1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.2335**	**4.0238**	**7.6774**	**0.0129**		**0.0212**	**0.0212**		**0.0212**	**0.0212**	**0.0000**	**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**3.6260**	**1.0700e-003**	**3.6270**	**0.3843**	**9.9000e-004**	**0.3853**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

3.8 P9 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4611	0.0000	0.4611	0.0498	0.0000	0.0498			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.4611**	**0.5535**	**1.0146**	**0.0498**	**0.5211**	**0.5709**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**3.0507**	**6.2000e-004**	**3.0513**	**0.3177**	**5.7000e-004**	**0.3182**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1798	0.0000	0.1798	0.0194	0.0000	0.0194			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1798**	**0.0726**	**0.2524**	**0.0194**	**0.0726**	**0.0920**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.3142	1.8000e-004	0.3143	0.0339	1.7000e-004	0.0340		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**2.1589**	**6.2000e-004**	**2.1595**	**0.2287**	**5.7000e-004**	**0.2292**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

3.9 P8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.7477					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**19.2588**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.7477					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**18.8930**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**1.5507**	**5.8000e-004**	**1.5513**	**0.1651**	**5.4000e-004**	**0.1657**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.10 P8 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**5.1236**	**1.0700e-003**	**5.1246**	**0.5337**	**9.9000e-004**	**0.5347**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**3.6260**	**1.0700e-003**	**3.6270**	**0.3843**	**9.9000e-004**	**0.3853**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

3.11 P9 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446		1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**		**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**3.0507**	**6.2000e-004**	**3.0513**	**0.3177**	**5.7000e-004**	**0.3182**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2335	4.0238	7.6774	0.0129		0.0212	0.0212		0.0212	0.0212	0.0000	1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.2335**	**4.0238**	**7.6774**	**0.0129**		**0.0212**	**0.0212**		**0.0212**	**0.0212**	**0.0000**	**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.3142	1.8000e-004	0.3143	0.0339	1.7000e-004	0.0340		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**2.1589**	**6.2000e-004**	**2.1595**	**0.2287**	**5.7000e-004**	**0.2292**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

3.12 P9 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.9777					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**12.4888**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.9777					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**12.1230**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.0895**	**4.7000e-004**	**1.0900**	**0.1164**	**4.4000e-004**	**0.1169**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.13 P10 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5050	0.0000	0.5050	0.0545	0.0000	0.0545			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5050**	**0.5535**	**1.0585**	**0.0545**	**0.5211**	**0.5757**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0434	0.0262	0.3208	1.0600e-003	4.5634	7.6000e-004	4.5641	0.4741	7.0000e-004	0.4748		105.6394	105.6394	2.7300e-003		105.7077
Total	**0.0520**	**0.3292**	**0.4108**	**2.1000e-003**	**5.4495**	**1.1200e-003**	**5.4506**	**0.5676**	**1.0400e-003**	**0.5686**		**218.1662**	**218.1662**	**0.0101**		**218.4192**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1970	0.0000	0.1970	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1970**	**0.0726**	**0.2696**	**0.0213**	**0.0726**	**0.0939**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0434	0.0262	0.3208	1.0600e-003	3.2283	7.6000e-004	3.2290	0.3409	7.0000e-004	0.3416		105.6394	105.6394	2.7300e-003		105.7077
Total	**0.0520**	**0.3292**	**0.4108**	**2.1000e-003**	**3.8566**	**1.1200e-003**	**3.8577**	**0.4086**	**1.0400e-003**	**0.4097**		**218.1662**	**218.1662**	**0.0101**		**218.4192**

3.14 P9 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**3.0507**	**6.2000e-004**	**3.0513**	**0.3177**	**5.7000e-004**	**0.3182**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.3142	1.8000e-004	0.3143	0.0339	1.7000e-004	0.0340		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**2.1589**	**6.2000e-004**	**2.1595**	**0.2287**	**5.7000e-004**	**0.2292**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

3.15 P10 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**5.1236**	**1.0700e-003**	**5.1246**	**0.5337**	**9.9000e-004**	**0.5347**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**3.6260**	**1.0700e-003**	**3.6270**	**0.3843**	**9.9000e-004**	**0.3853**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

3.16 P10 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.3217					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**18.8327**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.3217					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**18.4669**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**1.5507**	**5.8000e-004**	**1.5513**	**0.1651**	**5.4000e-004**	**0.1657**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.17 P11 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5062**	**0.5535**	**1.0596**	**0.0547**	**0.5211**	**0.5758**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**0.3553**	**6.7247**	**11.6866**	**0.0194**	**0.1974**	**0.0726**	**0.2700**	**0.0213**	**0.0726**	**0.0939**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	2.3059	5.4000e-004	2.3064	0.2435	5.0000e-004	0.2440		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**2.9342**	**9.0000e-004**	**2.9351**	**0.3112**	**8.4000e-004**	**0.3121**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

3.18 P10 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**5.1236**	**1.0700e-003**	**5.1246**	**0.5337**	**9.9000e-004**	**0.5347**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**3.6260**	**1.0700e-003**	**3.6270**	**0.3843**	**9.9000e-004**	**0.3853**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

3.19 P11 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.1472**	**2.8643**	**4.9523**	**6.5600e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	2.3059	5.4000e-004	2.3064	0.2435	5.0000e-004	0.2440		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**2.9342**	**9.0000e-004**	**2.9351**	**0.3112**	**8.4000e-004**	**0.3121**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

3.19 P11 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		72.4837	72.4837	1.7900e-003		72.5285
Total	**0.0378**	**0.3160**	**0.3015**	**1.7600e-003**	**4.1457**	**8.8000e-004**	**4.1466**	**0.4321**	**8.2000e-004**	**0.4329**		**184.2868**	**184.2868**	**9.1000e-003**		**184.5142**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.1472**	**2.8643**	**4.9523**	**6.5700e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	2.3059	5.3000e-004	2.3064	0.2435	4.9000e-004	0.2440		72.4837	72.4837	1.7900e-003		72.5285
Total	**0.0378**	**0.3160**	**0.3015**	**1.7600e-003**	**2.9342**	**8.8000e-004**	**2.9351**	**0.3112**	**8.2000e-004**	**0.3121**		**184.2868**	**184.2868**	**9.1000e-003**		**184.5142**

3.20 P11 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.4619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**15.9440**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.3000e-004**	**0.1616**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.4619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**15.6072**	**2.8262**	**4.8864**	**7.9200e-003**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**1.0895**	**4.6000e-004**	**1.0900**	**0.1164**	**4.3000e-004**	**0.1169**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

3.21 P11 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		72.4837	72.4837	1.7900e-003		72.5285
Total	**0.0378**	**0.3160**	**0.3015**	**1.7600e-003**	**4.1457**	**8.8000e-004**	**4.1466**	**0.4321**	**8.2000e-004**	**0.4329**		**184.2868**	**184.2868**	**9.1000e-003**		**184.5142**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1285	2.6720	4.1797	6.2300e-003		0.0532	0.0532		0.0532	0.0532	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.1285**	**2.6720**	**4.1797**	**6.2300e-003**		**0.0532**	**0.0532**		**0.0532**	**0.0532**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	2.3059	5.3000e-004	2.3064	0.2435	4.9000e-004	0.2440		72.4837	72.4837	1.7900e-003		72.5285
Total	**0.0378**	**0.3160**	**0.3015**	**1.7600e-003**	**2.9342**	**8.8000e-004**	**2.9351**	**0.3112**	**8.2000e-004**	**0.3121**		**184.2868**	**184.2868**	**9.1000e-003**		**184.5142**

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Date: 8/22/2017 10:10 AM

Central Village Residential P7-P11

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P10 Architectural Coating	0.02	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 1 (mo. 2-4)	0.36	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 2 (mo. 5)	0.36	-0.01	-0.05	0.00	0.40	0.36	0.00	0.00	0.00	0.00	0.00	0.00
P10 Site Preparation (mo. 1)	0.67	0.42	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P11 Architectural Coating	0.02	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 1 (mo. 2-4)	0.36	-0.01	-0.09	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 2 (mo. 5)	0.36	-0.04	-0.05	0.00	0.34	0.30	0.00	0.00	0.00	0.00	0.00	0.00
P11 Site Preparation (mo. 1)	0.68	0.42	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	0.01	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.29	0.07	-0.07	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.28	0.03	-0.04	0.00	0.46	0.42	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.63	0.44	-0.18	0.00	0.87	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	0.02	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	0.42	0.10	-0.64	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	0.36	-0.01	-0.05	0.00	0.40	0.36	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	0.69	0.46	-0.19	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	0.03	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	0.43	0.10	-0.66	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	0.39	-0.01	-0.05	0.00	0.40	0.36	0.00	0.00	0.00	0.00	0.00	0.00
P9 Site Preparation (mo. 1)	0.68	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	10	10	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Graders	Diesel	Tier 4 Interim	5	5	No Change	0.00
Pumps	Diesel	Tier 4 Interim	5	5	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	10	10	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	10	10	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	5	5	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	5	5	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	5.53400E-002	3.76740E-001	5.21690E-001	8.60000E-004	2.04800E-002	2.04800E-002	0.00000E+000	7.35337E+001	7.35337E+001	4.43000E-003	0.00000E+000	7.36444E+001
Cement and Mortar Mixers	6.38000E-003	3.99500E-002	3.34600E-002	8.00000E-005	1.55000E-003	1.55000E-003	0.00000E+000	4.97230E+000	4.97230E+000	5.20000E-004	0.00000E+000	4.98520E+000
Graders	2.19900E-002	2.71850E-001	9.46000E-002	3.70000E-004	8.74000E-003	8.04000E-003	0.00000E+000	3.22749E+001	3.22749E+001	1.04400E-002	0.00000E+000	3.25359E+001
Pumps	1.87400E-002	1.57640E-001	2.06900E-001	3.70000E-004	7.95000E-003	7.95000E-003	0.00000E+000	3.13690E+001	3.13690E+001	1.50000E-003	0.00000E+000	3.14066E+001
Rough Terrain Forklifts	2.17900E-002	2.88120E-001	4.67850E-001	7.10000E-004	9.36000E-003	8.61000E-003	0.00000E+000	6.19231E+001	6.19231E+001	2.00300E-002	0.00000E+000	6.24238E+001
Skid Steer Loaders	7.18000E-003	9.55600E-002	1.50370E-001	2.20000E-004	3.32000E-003	3.06000E-003	0.00000E+000	1.97317E+001	1.97317E+001	6.38000E-003	0.00000E+000	1.98912E+001
Tractors/Loaders/Backhoes	3.28200E-002	3.19480E-001	3.38690E-001	8.10000E-004	1.37200E-002	1.26200E-002	0.00000E+000	7.15165E+001	7.15165E+001	2.31300E-002	0.00000E+000	7.20947E+001
Trenchers	1.96300E-002	1.82740E-001	1.44020E-001	1.90000E-004	1.27900E-002	1.17700E-002	0.00000E+000	1.64690E+001	1.64690E+001	5.33000E-003	0.00000E+000	1.66022E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	1.56900E-002	3.05230E-001	5.27730E-001	8.60000E-004	1.14000E-003	1.14000E-003	0.00000E+000	7.35336E+001	7.35336E+001	4.43000E-003	0.00000E+000	7.36443E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	8.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	4.97229E+000	4.97229E+000	5.20000E-004	0.00000E+000	4.98520E+000
Graders	6.00000E-003	9.68100E-002	1.95130E-001	3.70000E-004	6.00000E-004	6.00000E-004	0.00000E+000	3.22749E+001	3.22749E+001	1.04400E-002	0.00000E+000	3.25358E+001
Pumps	6.69000E-003	1.30210E-001	2.25130E-001	3.70000E-004	4.90000E-004	4.90000E-004	0.00000E+000	3.13690E+001	3.13690E+001	1.50000E-003	0.00000E+000	3.14065E+001
Rough Terrain Forklifts	1.58700E-002	3.08740E-001	5.33800E-001	7.10000E-004	1.15000E-003	1.15000E-003	0.00000E+000	6.19230E+001	6.19230E+001	2.00300E-002	0.00000E+000	6.24237E+001
Skid Steer Loaders	5.52000E-003	1.26100E-001	1.70280E-001	2.20000E-004	5.15000E-003	5.15000E-003	0.00000E+000	1.97316E+001	1.97316E+001	6.38000E-003	0.00000E+000	1.98912E+001
Tractors/Loaders/Backhoes	1.52100E-002	2.67830E-001	5.01970E-001	8.10000E-004	1.34000E-003	1.34000E-003	0.00000E+000	7.15164E+001	7.15164E+001	2.31300E-002	0.00000E+000	7.20947E+001
Trenchers	4.20000E-003	8.16900E-002	1.41250E-001	1.90000E-004	3.10000E-004	3.10000E-004	0.00000E+000	1.64690E+001	1.64690E+001	5.33000E-003	0.00000E+000	1.66021E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	7.16480E-001	1.89813E-001	-1.15778E-002	0.00000E+000	9.44336E-001	9.44336E-001	0.00000E+000	1.22393E-006	1.22393E-006	0.00000E+000	0.00000E+000	1.22209E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	2.01114E-006	2.01114E-006	0.00000E+000	0.00000E+000	0.00000E+000
Graders	7.27149E-001	6.43884E-001	-1.06268E+000	0.00000E+000	9.31350E-001	9.25373E-001	0.00000E+000	1.23935E-006	1.23935E-006	0.00000E+000	0.00000E+000	1.22941E-006
Pumps	6.43010E-001	1.74004E-001	-8.81102E-002	0.00000E+000	9.38365E-001	9.38365E-001	0.00000E+000	9.56358E-007	9.56358E-007	0.00000E+000	0.00000E+000	1.27362E-006
Rough Terrain Forklifts	2.71684E-001	-7.15674E-002	-1.40964E-001	0.00000E+000	8.77137E-001	8.66434E-001	0.00000E+000	1.13043E-006	1.13043E-006	0.00000E+000	0.00000E+000	1.12137E-006
Skid Steer Loaders	2.31198E-001	-3.19590E-001	-1.32407E-001	0.00000E+000	-5.51205E-001	-6.83007E-001	0.00000E+000	1.01360E-006	1.01360E-006	0.00000E+000	0.00000E+000	1.00547E-006
Tractors/Loaders/Backhoes	5.36563E-001	1.61669E-001	-4.82093E-001	0.00000E+000	9.02332E-001	8.93819E-001	0.00000E+000	1.11862E-006	1.11862E-006	0.00000E+000	0.00000E+000	1.24836E-006
Trenchers	7.86042E-001	5.52971E-001	1.92334E-002	0.00000E+000	9.75762E-001	9.73662E-001	0.00000E+000	1.21440E-006	1.21440E-006	0.00000E+000	0.00000E+000	1.20466E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	40.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P10 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Architectural Coating	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P10 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 1 (mo. 2-4)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P10 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 2 (mo. 5)	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P10 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P10 Site Preparation (mo. 1)	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P11 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Architectural Coating	Roads	0.03	0.00	0.02	0.00	0.29	0.27
P11 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 1 (mo. 2-4)	Roads	0.12	0.01	0.08	0.01	0.29	0.28
P11 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 2 (mo. 5)	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P11 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P11 Site Preparation (mo. 1)	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P7 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P7 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	Roads	0.46	0.05	0.32	0.03	0.29	0.28
P7 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P7 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P7 Site Preparation (mo. 1)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P8 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P8 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	Roads	0.10	0.01	0.07	0.01	0.29	0.28
P8 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	Roads	0.05	0.00	0.03	0.00	0.29	0.28
P8 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P8 Site Preparation (mo. 1)	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P9 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	Roads	0.03	0.00	0.02	0.00	0.29	0.27
P9 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.06	0.01	0.29	0.28
P9 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P9 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P9 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	0.29	0.28

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

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

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Residential P7-P11	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	8/1/2022	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
P7 Site Preparation (mo. 1)	Site Preparation	2022/08/01	2022/08/31	5	23
P7 Building Construction 1 (mo. 2-4)	Building Construction	2022/09/01	2022/11/30	5	65
P7 Building Construction 2 (mo. 5)	Building Construction	2022/12/01	2022/12/31	5	22
P7 Architectural Coating	Architectural Coating	2022/11/01	2022/12/31	5	44
P8 Site Preparation (mo. 1)	Site Preparation	2022/12/01	2022/12/31	5	22
P8 Building Construction 1 (mo. 2-4)	Building Construction	2023/01/01	2023/03/01	5	43
P8 Building Construction 2 (mo. 5)	Building Construction	2023/04/01	2023/04/30	5	20
P8 Architectural Coating	Architectural Coating	2023/03/01	2023/04/30	5	43
P9 Site Preparation (mo. 1)	Site Preparation	2023/03/01	2023/03/31	5	23
P9 Building Construction 1 (mo. 2-4)	Building Construction	2023/04/01	2023/06/30	5	65
P9 Building Construction 2 (mo. 5)	Building Construction	2023/07/01	2023/07/31	5	21
P9 Architectural Coating	Architectural Coating	2023/06/01	2023/07/31	5	43
P10 Site Preparation (mo. 1)	Site Preparation	2023/07/01	2023/07/31	5	21
P10 Building Construction 1 (mo. 2-4)	Building Construction	2023/08/01	2023/10/31	5	66
P10 Building Construction 2 (mo. 5)	Building Construction	2023/11/01	2023/11/30	5	22
P10 Architectural Coating	Architectural Coating	2023/10/01	2023/11/30	5	44
P11 Site Preparation (mo. 1)	Site Preparation	2023/11/01	2023/11/30	5	22
P11 Building Construction 1 (mo. 2-4)	Building Construction	2023/12/01	2024/02/28	5	64
P11 Building Construction 2 (mo. 5)	Building Construction	2024/03/01	2024/03/31	5	21
P11 Architectural Coating	Architectural Coating	2024/02/01	2024/03/31	5	42

CalEEMod Input Matrix
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
All Phases Site Preparation (mo. 1)	Grader	1	default		
	Skid Steer	1			
	Trencher	1			
	Pump	1			
	Cement Mixer	1			
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1			
	Backhoe	1			
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1			
	Skid Steer	2			
	Cement Mixer	1			
All Phases Architectural Coating	Air Compressor	2			

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep	default						
Grading							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
All Phases Site Preparation (mo. 1)	Refer to Construction VMT worksheet								
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									

CalEEMod Input Matrix
Construction Phase

All Phases Architectural Coating	

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
All Phases Site Preparation (mo. 1)	98		default					
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
P7 Architectural Coating	50	649,328	100	216,443	N/A	0	N/A	0	N/A	default
P8 Architectural Coating	50	208,713	100	69,571	N/A	0	N/A	0	N/A	
P9 Architectural Coating	50	133,344	100	44,448	N/A	0	N/A	0	N/A	
P10 Architectural Coating	50	208,713	100	69,571	N/A	0	N/A	0	N/A	
P11 Architectural Coating	50	168,130	100	56,043	N/A	0	N/A	0	N/A	

CalEEMod Input Matrix
Construction Mobile

Table 12: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to VMT Worksheet	

Table 13: Vehicle Emissions
default

Table 14: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
Single Family Housing	default												

CalEEMod Input Matrix
Construction Mobile

Table 15: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 16: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Tables 17 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Matrix
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 12:57 PM

Central Village Non-Residential 1-LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	14,420.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	9734	0
tblAreaCoating	Area_Residential_Interior	29201	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	43.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstructionPhase	NumDays	0.00	44.00
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tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	20.00

tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-14
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	0.00	0.50
tblGrading	AcresOfGrading	2.50	1.00
tblGrading	AcresOfGrading	4.50	41.50
tblGrading	AcresOfGrading	1.50	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	14,420.00
tblLandUse	LandUseSquareFeet	0.00	14,420.00
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
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tblOffRoadEquipment	PhaseName		Park 1- Paving
tblOffRoadEquipment	PhaseName		Park 1- Building Construction
tblOffRoadEquipment	PhaseName		Park 1- Landscaping
tblOffRoadEquipment	PhaseName		Commercial 1- Site Preparation
tblOffRoadEquipment	PhaseName		Commercial 1- Grading
tblOffRoadEquipment	PhaseName		Commercial 1- Grading
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.3986	46.0998	22.4974	0.0399	22.2120	2.3945	24.6064	10.3628	2.2030	12.5658	0.0000	3,963.5444	3,963.5444	1.2040	0.0000	3,993.6450
2020	0.7279	5.4358	5.4614	8.5800e-003	2.1900	0.3192	2.5091	0.2289	0.3007	0.5296	0.0000	802.5072	802.5072	0.1860	0.0000	807.1570
2021	8.1602	79.3352	58.0390	0.1025	36.3705	4.1001	40.4707	11.8366	3.8109	15.6475	0.0000	9,865.3104	9,865.3104	2.5793	0.0000	9,929.7926
2022	9.9439	50.7144	38.3275	0.0720	33.5287	2.4810	36.0096	11.5399	2.2994	13.8393	0.0000	6,957.4367	6,957.4367	1.8888	0.0000	7,004.6564
2023	3.7878	38.8095	33.5605	0.0657	27.0350	1.7785	28.8135	10.8674	1.6363	12.5037	0.0000	6,406.1006	6,406.1006	1.9371	0.0000	6,454.5284
Maximum	**9.9439**	**79.3352**	**58.0390**	**0.1025**	**36.3705**	**4.1001**	**40.4707**	**11.8366**	**3.8109**	**15.6475**	**0.0000**	**9,865.3104**	**9,865.3104**	**2.5793**	**0.0000**	**9,929.7926**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.7603	12.6891	23.3944	0.0399	8.8840	0.0662	8.9501	4.0746	0.0660	4.1406	0.0000	3,963.5444	3,963.5444	1.2040	0.0000	3,993.6450
2020	0.1802	4.1493	5.2349	8.5800e-003	0.9723	0.0568	1.0291	0.1073	0.0567	0.1640	0.0000	802.5072	802.5072	0.1860	0.0000	807.1570
2021	2.0661	36.7231	62.7756	0.1025	15.1577	0.2428	15.4006	4.7608	0.2425	5.0033	0.0000	9,865.3104	9,865.3104	2.5793	0.0000	9,929.7926
2022	9.9439	24.6365	43.2866	0.0720	13.8968	0.4257	14.0505	4.6220	0.4255	4.7754	0.0000	6,957.4367	6,957.4367	1.8888	0.0000	7,004.6564
2023	2.3068	23.2952	40.9877	0.0657	11.0260	0.3244	11.1278	4.3114	0.3243	4.4130	0.0000	6,406.1006	6,406.1006	1.9371	0.0000	6,454.5284
Maximum	**9.9439**	**36.7231**	**62.7756**	**0.1025**	**15.1577**	**0.4257**	**15.4006**	**4.7608**	**0.4255**	**5.0033**	**0.0000**	**9,865.3104**	**9,865.3104**	**2.5793**	**0.0000**	**9,929.7926**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**43.53**	**53.95**	**-11.27**	**0.00**	**58.84**	**89.92**	**61.82**	**60.13**	**89.12**	**66.42**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Park 1- Site Preparation	Site Preparation	10/1/2019	10/2/2019	5	2	
2	Park 1- Grading	Grading	10/3/2019	10/7/2019	5	3	
3	Park 1- Building Construction	Building Construction	10/8/2019	2/3/2020	5	85	
4	Park 1- Landscaping	Site Preparation	2/1/2021	2/28/2021	5	20	
5	Park 1- Paving	Paving	3/1/2021	3/31/2021	5	23	
6	Commercial 1- Site Preparation	Site Preparation	6/1/2021	6/2/2021	5	2	
7	Commercial 1- Grading	Grading	6/3/2021	6/9/2021	5	5	
8	Commercial 1- Building	Building Construction	6/10/2021	11/30/2021	5	124	
9	School - Landscaping	Site Preparation	7/1/2021	7/8/2021	5	6	
10	School - Grading	Grading	7/9/2021	7/21/2021	5	9	
11	School - Building Construction	Building Construction	7/22/2021	7/2/2022	5	247	
12	Park 4- Site Preparation	Site Preparation	9/1/2021	9/2/2021	5	2	
13	Park 4- Grading	Grading	9/3/2021	9/7/2021	5	3	
14	Park 4- Building Construction	Building Construction	9/8/2021	1/3/2022	5	84	
15	Fire Station Site Preparation	Site Preparation	2/1/2022	2/3/2022	5	3	
16	Fire Station Grading	Grading	2/4/2022	2/9/2022	5	4	
17	Fire Station Building	Building Construction	2/10/2022	7/4/2022	5	103	
18	Commercial 1 - Architectural	Architectural Coating	10/1/2022	11/30/2022	5	43	
19	Park 4- Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
20	Commercial 1- Landscaping	Site Preparation	12/1/2022	12/31/2022	5	22	
21	Park 1 - Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
22	School -Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
23	Park 4- Landscaping	Site Preparation	1/1/2023	1/31/2023	5	22	
24	Commercial 1- Paving	Paving	1/1/2023	1/31/2023	5	22	
25	Park 4- Paving	Paving	2/1/2023	2/28/2023	5	20	
26	School - Site Prep	Site Preparation	7/1/2023	7/31/2023	5	21	
27	School - Paving	Paving	7/1/2023	7/31/2023	5	21	
28	Fire Station - Architectural	Architectural Coating	8/1/2023	9/30/2023	5	44	
29	Fire Station Landscaping	Site Preparation	11/1/2023	11/30/2023	5	22	
30	Fire Station Paving	Paving	12/1/2023	12/31/2023	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 1- Paving	Paving Equipment	2	8.00	132	0.36
Park 1- Paving	Pavers	2	8.00	130	0.42
Park 1- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Park 1- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Park 1- Building Construction	Forklifts	1	8.00	89	0.20
Park 1- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Building Construction	Welders	1	8.00	46	0.45
Park 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Site Preparation	Rollers	3	8.00	80	0.38
Commercial 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Grading	Excavators	1	8.00	158	0.38
Commercial 1- Grading	Graders	1	8.00	187	0.41
Commercial 1- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Commercial 1- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 1- Paving	Rollers	2	8.00	80	0.38
School - Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
School - Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Building Construction	Cranes	1	8.00	231	0.29
Commercial 1- Building Construction	Forklifts	3	8.00	89	0.20
Commercial 1- Building Construction	Generator Sets	1	8.00	84	0.74
Commercial 1- Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Commercial 1- Building Construction	Welders	1	8.00	46	0.45
School - Grading	Excavators	1	8.00	158	0.38

School - Grading	Graders	1	8.00	187	0.41
School - Grading	Rubber Tired Dozers	1	8.00	247	0.40
School - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Cranes	1	8.00	231	0.29
School - Building Construction	Forklifts	3	8.00	89	0.20
School - Building Construction	Generator Sets	1	8.00	84	0.74
School - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Welders	1	8.00	46	0.45
Park 4- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 4- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 4- Grading	Excavators	1	8.00	158	0.38
Park 4- Grading	Graders	1	8.00	187	0.41
Park 4- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park 4- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 4- Building Construction	Forklifts	1	8.00	89	0.20
Park 4- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 4- Building Construction	Welders	1	8.00	46	0.45
Commercial 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 4- Architectural Coating	Air Compressors	1	8.00	78	0.48
School - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
School - Paving	Pavers	2	8.00	130	0.42
School - Paving	Paving Equipment	2	8.00	132	0.36
School - Paving	Rollers	2	8.00	80	0.38
Fire Station - Architectural Coating	Air Compressors	1	8.00	78	0.48
Fire Station Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Fire Station Paving	Pavers	2	8.00	130	0.42
Fire Station Paving	Paving Equipment	2	8.00	132	0.36
Fire Station Paving	Rollers	2	8.00	80	0.38
School -Architectural Coating	Air Compressors	1	8.00	78	0.48

Commercial 1- Paving	Pavers	2	8.00	130	0.42
Commercial 1- Paving	Paving Equipment	2	8.00	132	0.36
Commercial 1- Paving	Rollers	2	8.00	80	0.38
Park 4- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 4- Paving	Pavers	2	8.00	130	0.42
Park 4- Paving	Paving Equipment	2	8.00	132	0.36
Park 4- Paving	Rollers	2	8.00	80	0.38
Fire Station Site Preparation	Pavers	2	8.00	130	0.42
Fire Station Site Preparation	Paving Equipment	2	8.00	132	0.36
Fire Station Site Preparation	Rollers	2	8.00	80	0.38
Fire Station Grading	Rubber Tired Dozers	3	8.00	247	0.40
Fire Station Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Fire Station Building Construction	Cranes	1	8.00	231	0.29
Fire Station Building Construction	Forklifts	3	8.00	89	0.20
Fire Station Building Construction	Generator Sets	1	8.00	84	0.74
Fire Station Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Fire Station Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle	Hauling Vehicle
Park 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Grading	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Building Construction	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Building Construction	0	32.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Site Preparation	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Grading	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School -Architectural Coating	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Site Prep	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Park 1- Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**18.0663**	**2.3904**	**20.4566**	**9.9307**	**2.1991**	**12.1298**		**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		81.6914	81.6914	2.6400e-003		81.7573
Total	**0.0636**	**0.5271**	**0.4344**	**1.9000e-003**	**4.1457**	**4.1000e-003**	**4.1498**	**0.4321**	**3.9000e-003**	**0.4360**		**197.0915**	**197.0915**	**0.0124**		**197.4005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.3950	3.5100e-003	0.3986	0.0444	3.3600e-003	0.0478		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	1.4431	5.9000e-004	1.4437	0.1572	5.4000e-004	0.1577		81.6914	81.6914	2.6400e-003		81.7573
Total	**0.0636**	**0.5271**	**0.4344**	**1.9000e-003**	**1.8381**	**4.1000e-003**	**1.8422**	**0.2016**	**3.9000e-003**	**0.2055**		**197.0915**	**197.0915**	**0.0124**		**197.4005**

3.3 Park 1- Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9295	0.0000	0.9295	0.4329	0.0000	0.4329			0.0000			0.0000
Off-Road	0.4910	5.0154	3.9895	5.7200e-003		0.3077	0.3077		0.2830	0.2830		566.9914	566.9914	0.1794		571.4761
Total	**0.4910**	**5.0154**	**3.9895**	**5.7200e-003**	**0.9295**	**0.3077**	**1.2372**	**0.4329**	**0.2830**	**0.7159**		**566.9914**	**566.9914**	**0.1794**		**571.4761**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**2.1900**	**3.7400e-003**	**2.1937**	**0.2289**	**3.5800e-003**	**0.2325**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3625	0.0000	0.3625	0.1688	0.0000	0.1688			0.0000			0.0000
Off-Road	0.1219	2.3129	4.0794	5.7200e-003		9.3400e-003	9.3400e-003		9.3400e-003	9.3400e-003	0.0000	566.9914	566.9914	0.1794		571.4761
Total	**0.1219**	**2.3129**	**4.0794**	**5.7200e-003**	**0.3625**	**9.3400e-003**	**0.3719**	**0.1688**	**9.3400e-003**	**0.1782**	**0.0000**	**566.9914**	**566.9914**	**0.1794**		**571.4761**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.3950	3.5100e-003	0.3986	0.0444	3.3600e-003	0.0478		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.2000e-004	0.0631		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**0.9723**	**3.7400e-003**	**0.9760**	**0.1073**	**3.5800e-003**	**0.1109**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

3.4 Park 1- Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7779	5.3899	5.3040	7.1900e-003		0.3664	0.3664		0.3450	0.3450		666.3400	666.3400	0.1799		670.8366
Total	**0.7779**	**5.3899**	**5.3040**	**7.1900e-003**		**0.3664**	**0.3664**		**0.3450**	**0.3450**		**666.3400**	**666.3400**	**0.1799**		**670.8366**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**2.1900**	**3.7400e-003**	**2.1937**	**0.2289**	**3.5800e-003**	**0.2325**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1480	3.6876	5.0005	7.1900e-003		0.0543	0.0543		0.0543	0.0543	0.0000	666.3400	666.3400	0.1799		670.8366
Total	**0.1480**	**3.6876**	**5.0005**	**7.1900e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**666.3400**	**666.3400**	**0.1799**		**670.8366**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.3950	3.5100e-003	0.3986	0.0444	3.3600e-003	0.0478		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.2000e-004	0.0631		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**0.9723**	**3.7400e-003**	**0.9760**	**0.1073**	**3.5800e-003**	**0.1109**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

3.4 Park 1- Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6956	4.9740	5.2270	7.1900e-003		0.3167	0.3167		0.2983	0.2983		656.2771	656.2771	0.1758		660.6725
Total	**0.6956**	**4.9740**	**5.2270**	**7.1900e-003**		**0.3167**	**0.3167**		**0.2983**	**0.2983**		**656.2771**	**656.2771**	**0.1758**		**660.6725**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1480	3.6876	5.0005	7.1900e-003		0.0543	0.0543		0.0543	0.0543	0.0000	656.2771	656.2771	0.1758		660.6725
Total	**0.1480**	**3.6876**	**5.0005**	**7.1900e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**656.2771**	**656.2771**	**0.1758**		**660.6725**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.5 Park 1- Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.6 Park 1- Paving - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	2.2154	2.2300e-003	2.2176	0.2337	2.1300e-003	0.2358		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0633**	**1.0358**	**0.4884**	**3.2500e-003**	**4.8230**	**2.6800e-003**	**4.8257**	**0.5046**	**2.5500e-003**	**0.5071**		**344.9831**	**344.9831**	**0.0239**		**345.5798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	0.9876	2.2300e-003	0.9898	0.1110	2.1300e-003	0.1131		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0633**	**1.0358**	**0.4884**	**3.2500e-003**	**2.1421**	**2.6800e-003**	**2.1447**	**0.2368**	**2.5500e-003**	**0.2393**		**344.9831**	**344.9831**	**0.0239**		**345.5798**

3.7 Commercial 1- Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3176	13.3560	14.6822	0.0203		0.8000	0.8000		0.7360	0.7360		1,965.8669	1,965.8669	0.6358		1,981.7620
Total	**1.3176**	**13.3560**	**14.6822**	**0.0203**	**0.0000**	**0.8000**	**0.8000**	**0.0000**	**0.7360**	**0.7360**		**1,965.8669**	**1,965.8669**	**0.6358**		**1,981.7620**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.0520**	**0.4315**	**0.3649**	**1.8300e-003**	**4.1457**	**1.4600e-003**	**4.1472**	**0.4321**	**1.3700e-003**	**0.4335**		**189.9825**	**189.9825**	**0.0110**		**190.2585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4555	8.8606	15.3197	0.0203		0.0331	0.0331		0.0331	0.0331	0.0000	1,965.8669	1,965.8669	0.6358		1,981.7620
Total	**0.4555**	**8.8606**	**15.3197**	**0.0203**	**0.0000**	**0.0331**	**0.0331**	**0.0000**	**0.0331**	**0.0331**	**0.0000**	**1,965.8669**	**1,965.8669**	**0.6358**		**1,981.7620**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.0520**	**0.4315**	**0.3649**	**1.8300e-003**	**1.8381**	**1.4600e-003**	**1.8396**	**0.2016**	**1.3700e-003**	**0.2030**		**189.9825**	**189.9825**	**0.0110**		**190.2585**

3.8 Commercial 1- Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2342	0.0000	6.2342	3.3331	0.0000	3.3331			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.2342**	**1.1599**	**7.3941**	**3.3331**	**1.0671**	**4.4003**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**3.4938**	**1.3400e-003**	**3.4951**	**0.3644**	**1.2700e-003**	**0.3656**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4313	0.0000	2.4313	1.2999	0.0000	1.2999			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**0.5200**	**10.3327**	**18.9906**	**0.0296**	**2.4313**	**0.0484**	**2.4798**	**1.2999**	**0.0484**	**1.3483**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**1.5495**	**1.3400e-003**	**1.5508**	**0.1702**	**1.2700e-003**	**0.1714**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

3.9 Commercial 1- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		45.8729	45.8729	1.3200e-003		45.9058
Total	**0.0363**	**0.4214**	**0.2652**	**1.5200e-003**	**2.8419**	**1.2300e-003**	**2.8431**	**0.2967**	**1.1600e-003**	**0.2978**		**159.4006**	**159.4006**	**0.0102**		**159.6546**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		45.8729	45.8729	1.3200e-003		45.9058
Total	**0.0363**	**0.4214**	**0.2652**	**1.5200e-003**	**1.2609**	**1.2300e-003**	**1.2621**	**0.1387**	**1.1600e-003**	**0.1399**		**159.4006**	**159.4006**	**0.0102**		**159.6546**

3.10 School - Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.11 School - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.9122	0.0000	10.9122	3.8382	0.0000	3.8382			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**10.9122**	**1.1599**	**12.0721**	**3.8382**	**1.0671**	**4.9054**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**3.4938**	**1.3400e-003**	**3.4951**	**0.3644**	**1.2700e-003**	**0.3656**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2558	0.0000	4.2558	1.4969	0.0000	1.4969			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**0.5200**	**10.3327**	**18.9906**	**0.0296**	**4.2558**	**0.0484**	**4.3042**	**1.4969**	**0.0484**	**1.5453**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**1.5495**	**1.3400e-003**	**1.5508**	**0.1702**	**1.2700e-003**	**0.1714**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

3.12 School - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.1255	0.0807	0.7978	2.4500e-003	10.4305	1.8200e-003	10.4324	1.0837	1.6700e-003	1.0853		244.6552	244.6552	7.0300e-003		244.8310
Total	**0.1383**	**0.4870**	**0.9134**	**3.5100e-003**	**11.3167**	**2.7100e-003**	**11.3194**	**1.1771**	**2.5200e-003**	**1.1797**		**358.1829**	**358.1829**	**0.0159**		**358.5798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.1255	0.0807	0.7978	2.4500e-003	4.6179	1.8200e-003	4.6197	0.5031	1.6700e-003	0.5047		244.6552	244.6552	7.0300e-003		244.8310
Total	**0.1383**	**0.4870**	**0.9134**	**3.5100e-003**	**5.0129**	**2.7100e-003**	**5.0156**	**0.5475**	**2.5200e-003**	**0.5500**		**358.1829**	**358.1829**	**0.0159**		**358.5798**

3.12 School - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.1190	0.0736	0.7403	2.3600e-003	10.4305	1.7800e-003	10.4323	1.0837	1.6400e-003	1.0853		235.6882	235.6882	6.4400e-003		235.8491
Total	**0.1308**	**0.4572**	**0.8498**	**3.4000e-003**	**11.3167**	**2.5500e-003**	**11.3192**	**1.1771**	**2.3700e-003**	**1.1795**		**348.1292**	**348.1292**	**0.0150**		**348.5042**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.1190	0.0736	0.7403	2.3600e-003	4.6179	1.7800e-003	4.6196	0.5031	1.6400e-003	0.5047		235.6882	235.6882	6.4400e-003		235.8491
Total	**0.1308**	**0.4572**	**0.8498**	**3.4000e-003**	**5.0129**	**2.5500e-003**	**5.0154**	**0.5475**	**2.3700e-003**	**0.5498**		**348.1292**	**348.1292**	**0.0150**		**348.5042**

3.13 Park 4- Site Preparation - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.0520**	**0.4315**	**0.3649**	**1.8300e-003**	**4.1457**	**1.4600e-003**	**4.1472**	**0.4321**	**1.3700e-003**	**0.4335**		**189.9825**	**189.9825**	**0.0110**		**190.2585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.0520**	**0.4315**	**0.3649**	**1.8300e-003**	**1.8381**	**1.4600e-003**	**1.8396**	**0.2016**	**1.3700e-003**	**0.2030**		**189.9825**	**189.9825**	**0.0110**		**190.2585**

3.14 Park 4- Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5571	0.0000	9.5571	3.6919	0.0000	3.6919			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**9.5571**	**1.1599**	**10.7170**	**3.6919**	**1.0671**	**4.7590**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**3.4938**	**1.3400e-003**	**3.4951**	**0.3644**	**1.2700e-003**	**0.3656**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.7273	0.0000	3.7273	1.4399	0.0000	1.4399			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**0.5200**	**10.3327**	**18.9906**	**0.0296**	**3.7273**	**0.0484**	**3.7757**	**1.4399**	**0.0484**	**1.4883**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**1.5495**	**1.3400e-003**	**1.5508**	**0.1702**	**1.2700e-003**	**0.1714**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

3.15 Park 4- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6193	4.5838	5.1469	7.1900e-003		0.2696	0.2696		0.2540	0.2540		656.4086	656.4086	0.1722		660.7139
Total	**0.6193**	**4.5838**	**5.1469**	**7.1900e-003**		**0.2696**	**0.2696**		**0.2540**	**0.2540**		**656.4086**	**656.4086**	**0.1722**		**660.7139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1480	3.6876	5.0005	7.1900e-003		0.0543	0.0543		0.0543	0.0543	0.0000	656.4086	656.4086	0.1722		660.7139
Total	**0.1480**	**3.6876**	**5.0005**	**7.1900e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**656.4086**	**656.4086**	**0.1722**		**660.7139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.15 Park 4- Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5550	4.1934	5.0875	7.1900e-003		0.2239	0.2239		0.2111	0.2111		656.7475	656.7475	0.1701		661.0007
Total	**0.5550**	**4.1934**	**5.0875**	**7.1900e-003**		**0.2239**	**0.2239**		**0.2111**	**0.2111**		**656.7475**	**656.7475**	**0.1701**		**661.0007**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1480	3.6876	5.0005	7.1900e-003		0.0543	0.0543		0.0543	0.0543	0.0000	656.7475	656.7475	0.1701		661.0007
Total	**0.1480**	**3.6876**	**5.0005**	**7.1900e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**656.7475**	**656.7475**	**0.1701**		**661.0007**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**0.9723**	**9.9000e-004**	**0.9733**	**0.1073**	**9.3000e-004**	**0.1082**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.16 Fire Station Site Preparation - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**3.4938**	**1.2100e-003**	**3.4950**	**0.3644**	**1.1400e-003**	**0.3655**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**	**0.0000**	**0.0374**	**0.0374**	**0.0000**	**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**1.5495**	**1.2100e-003**	**1.5507**	**0.1702**	**1.1400e-003**	**0.1713**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

3.17 Fire Station Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**18.0663**	**1.6126**	**19.6788**	**9.9307**	**1.4836**	**11.4143**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.0490**	**0.4066**	**0.3408**	**1.7800e-003**	**4.1457**	**1.3300e-003**	**4.1470**	**0.4321**	**1.2400e-003**	**0.4334**		**186.0936**	**186.0936**	**0.0106**		**186.3579**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.0490**	**0.4066**	**0.3408**	**1.7800e-003**	**1.8381**	**1.3300e-003**	**1.8394**	**0.2016**	**1.2400e-003**	**0.2029**		**186.0936**	**186.0936**	**0.0106**		**186.3579**

3.18 Fire Station Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**0.9723**	**9.9000e-004**	**0.9733**	**0.1073**	**9.3000e-004**	**0.1082**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.19 Commercial 1 - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.2161					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**9.4888**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**1.5381**	**8.8000e-004**	**1.5389**	**0.1612**	**8.3000e-004**	**0.1620**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.2161					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**9.4888**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**0.6837**	**8.8000e-004**	**0.6845**	**0.0759**	**8.3000e-004**	**0.0767**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

3.20 Park 4- Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.1438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**0.4165**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**1.5381**	**8.8000e-004**	**1.5389**	**0.1612**	**8.3000e-004**	**0.1620**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.1438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**0.4165**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**0.6837**	**8.8000e-004**	**0.6845**	**0.0759**	**8.3000e-004**	**0.0767**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

3.21 Commercial 1- Landscaping - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635		400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**0.0000**	**0.0690**	**0.0690**	**0.0000**	**0.0635**	**0.0635**		**400.7825**	**400.7825**	**0.1296**		**404.0230**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.7825	400.7825	0.1296		404.0230
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.7825**	**400.7825**	**0.1296**		**404.0230**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**0.9723**	**9.9000e-004**	**0.9733**	**0.1073**	**9.3000e-004**	**0.1082**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.22 Park 1 - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**0.3660**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**1.5381**	**8.8000e-004**	**1.5389**	**0.1612**	**8.3000e-004**	**0.1620**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**0.3660**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**0.6837**	**8.8000e-004**	**0.6845**	**0.0759**	**8.3000e-004**	**0.0767**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

3.22 Park 1 - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.3488**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.3488**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.23 School -Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**1.4183**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**2.8419**	**1.1000e-003**	**2.8430**	**0.2967**	**1.0400e-003**	**0.2977**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**1.4183**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**1.2609**	**1.1000e-003**	**1.2620**	**0.1387**	**1.0400e-003**	**0.1398**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

3.23 School -Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.4011**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.4011**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**1.2609**	**7.1000e-004**	**1.2616**	**0.1387**	**6.6000e-004**	**0.1394**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.24 Park 4- Landscaping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.25 Commercial 1- Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**4.8230**	**1.3800e-003**	**4.8244**	**0.5046**	**1.3000e-003**	**0.5059**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**2.1421**	**1.3800e-003**	**2.1434**	**0.2368**	**1.3000e-003**	**0.2381**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

3.26 Park 4- Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**4.8230**	**1.3800e-003**	**4.8244**	**0.5046**	**1.3000e-003**	**0.5059**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**2.1421**	**1.3800e-003**	**2.1434**	**0.2368**	**1.3000e-003**	**0.2381**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

3.27 School - Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**18.0663**	**1.2660**	**19.3323**	**9.9307**	**1.1647**	**11.0954**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**4.1457**	**9.2000e-004**	**4.1466**	**0.4321**	**8.6000e-004**	**0.4330**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**0.6967**	**12.1620**	**22.9600**	**0.0381**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**1.8381**	**9.2000e-004**	**1.8390**	**0.2016**	**8.6000e-004**	**0.2025**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

3.28 School - Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**4.8230**	**1.3800e-003**	**4.8244**	**0.5046**	**1.3000e-003**	**0.5059**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**2.1421**	**1.3800e-003**	**2.1434**	**0.2368**	**1.3000e-003**	**0.2381**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

3.29 Fire Station - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.9645**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.9645**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.30 Fire Station Landscaping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.31 Fire Station Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**4.8230**	**1.3800e-003**	**4.8244**	**0.5046**	**1.3000e-003**	**0.5059**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**2.1421**	**1.3800e-003**	**2.1434**	**0.2368**	**1.3000e-003**	**0.2381**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

Central Village Non-Residential 1-LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	14,420.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	9734	0
tblAreaCoating	Area_Residential_Interior	29201	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
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tblConstructionPhase	NumDays	0.00	2.00
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tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-14
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFireplaces	NumberGas	0.55	0.00

tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	0.00	0.50
tblGrading	AcresOfGrading	2.50	1.00
tblGrading	AcresOfGrading	4.50	41.50
tblGrading	AcresOfGrading	1.50	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	14,420.00
tblLandUse	LandUseSquareFeet	0.00	14,420.00
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	PhaseName		Park 1- Site Preparation
tblOffRoadEquipment	PhaseName		Park 1- Paving

tblOffRoadEquipment	PhaseName		Park 1- Building Construction
tblOffRoadEquipment	PhaseName		Park 1- Landscaping
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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.3927	46.0961	22.5005	0.0400	22.2120	2.3944	24.6064	10.3628	2.2030	12.5658	0.0000	3,971.8795	3,971.8795	1.2036	0.0000	4,001.9692
2020	0.7252	5.4349	5.4553	8.6300e-003	2.1900	0.3191	2.5091	0.2289	0.3006	0.5295	0.0000	807.6030	807.6030	0.1855	0.0000	812.2405
2021	8.1360	79.3253	58.0801	0.1028	36.3705	4.1000	40.4706	11.8366	3.8108	15.6474	0.0000	9,898.2984	9,898.2984	2.5784	0.0000	9,962.7571
2022	9.9409	50.7065	38.3695	0.0723	33.5287	2.4809	36.0096	11.5399	2.2994	13.8393	0.0000	6,983.6200	6,983.6200	1.8883	0.0000	7,030.8278
2023	3.7783	38.8101	33.5561	0.0659	27.0350	1.7785	28.8134	10.8674	1.6362	12.5036	0.0000	6,424.5582	6,424.5582	1.9359	0.0000	6,472.9558
Maximum	**9.9409**	**79.3253**	**58.0801**	**0.1028**	**36.3705**	**4.1000**	**40.4706**	**11.8366**	**3.8108**	**15.6474**	**0.0000**	**9,898.2984**	**9,898.2984**	**2.5784**	**0.0000**	**9,962.7571**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.7544	12.6854	23.3975	0.0400	8.8840	0.0661	8.9501	4.0746	0.0659	4.1405	0.0000	3,971.8795	3,971.8795	1.2036	0.0000	4,001.9692
2020	0.1776	4.1485	5.2288	8.6300e-003	0.9723	0.0567	1.0290	0.1073	0.0566	0.1639	0.0000	807.6030	807.6030	0.1855	0.0000	812.2405
2021	2.0419	36.7132	62.8167	0.1028	15.1577	0.2427	15.4005	4.7608	0.2424	5.0031	0.0000	9,898.2984	9,898.2984	2.5784	0.0000	9,962.7571
2022	9.9409	24.6286	43.3286	0.0723	13.8968	0.4256	14.0504	4.6220	0.4254	4.7753	0.0000	6,983.6199	6,983.6199	1.8883	0.0000	7,030.8278
2023	2.2954	23.2958	40.9833	0.0659	11.0260	0.3243	11.1277	4.3114	0.3241	4.4129	0.0000	6,424.5582	6,424.5582	1.9359	0.0000	6,472.9558
Maximum	**9.9409**	**36.7132**	**62.8167**	**0.1028**	**15.1577**	**0.4256**	**15.4005**	**4.7608**	**0.4254**	**5.0031**	**0.0000**	**9,898.2984**	**9,898.2984**	**2.5784**	**0.0000**	**9,962.7571**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**43.61**	**53.95**	**-11.26**	**0.00**	**58.84**	**89.93**	**61.82**	**60.13**	**89.13**	**66.42**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Park 1- Site Preparation	Site Preparation	10/1/2019	10/2/2019	5	2	
2	Park 1- Grading	Grading	10/3/2019	10/7/2019	5	3	
3	Park 1- Building Construction	Building Construction	10/8/2019	2/3/2020	5	85	
4	Park 1- Landscaping	Site Preparation	2/1/2021	2/28/2021	5	20	
5	Park 1- Paving	Paving	3/1/2021	3/31/2021	5	23	
6	Commercial 1- Site Preparation	Site Preparation	6/1/2021	6/2/2021	5	2	
7	Commercial 1- Grading	Grading	6/3/2021	6/9/2021	5	5	
8	Commercial 1- Building Construction	Building Construction	6/10/2021	11/30/2021	5	124	
9	School - Landscaping	Site Preparation	7/1/2021	7/8/2021	5	6	
10	School - Grading	Grading	7/9/2021	7/21/2021	5	9	
11	School - Building Construction	Building Construction	7/22/2021	7/2/2022	5	247	
12	Park 4- Site Preparation	Site Preparation	9/1/2021	9/2/2021	5	2	
13	Park 4- Grading	Grading	9/3/2021	9/7/2021	5	3	
14	Park 4- Building Construction	Building Construction	9/8/2021	1/3/2022	5	84	
15	Fire Station Site Preparation	Site Preparation	2/1/2022	2/3/2022	5	3	
16	Fire Station Grading	Grading	2/4/2022	2/9/2022	5	4	
17	Fire Station Building Construction	Building Construction	2/10/2022	7/4/2022	5	103	
18	Commercial 1 - Architectural Coating	Architectural Coating	10/1/2022	11/30/2022	5	43	
19	Park 4- Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
20	Commercial 1- Landscaping	Site Preparation	12/1/2022	12/31/2022	5	22	
21	Park 1 - Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
22	School -Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
23	Park 4- Landscaping	Site Preparation	1/1/2023	1/31/2023	5	22	
24	Commercial 1- Paving	Paving	1/1/2023	1/31/2023	5	22	
25	Park 4- Paving	Paving	2/1/2023	2/28/2023	5	20	
26	School - Site Prep	Site Preparation	7/1/2023	7/31/2023	5	21	
27	School - Paving	Paving	7/1/2023	7/31/2023	5	21	
28	Fire Station - Architectural Coating	Architectural Coating	8/1/2023	9/30/2023	5	44	
29	Fire Station Landscaping	Site Preparation	11/1/2023	11/30/2023	5	22	
30	Fire Station Paving	Paving	12/1/2023	12/31/2023	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 1- Paving	Paving Equipment	2	8.00	132	0.36
Park 1- Paving	Pavers	2	8.00	130	0.42
Park 1- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Park 1- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Park 1- Building Construction	Forklifts	1	8.00	89	0.20
Park 1- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Building Construction	Welders	1	8.00	46	0.45
Park 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Site Preparation	Rollers	3	8.00	80	0.38
Commercial 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Grading	Excavators	1	8.00	158	0.38
Commercial 1- Grading	Graders	1	8.00	187	0.41
Commercial 1- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Commercial 1- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 1- Paving	Rollers	2	8.00	80	0.38
School - Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
School - Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Building Construction	Cranes	1	8.00	231	0.29
Commercial 1- Building Construction	Forklifts	3	8.00	89	0.20
Commercial 1- Building Construction	Generator Sets	1	8.00	84	0.74
Commercial 1- Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Commercial 1- Building Construction	Welders	1	8.00	46	0.45
School - Grading	Excavators	1	8.00	158	0.38
School - Grading	Graders	1	8.00	187	0.41
School - Grading	Rubber Tired Dozers	1	8.00	247	0.40

School - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Cranes	1	8.00	231	0.29
School - Building Construction	Forklifts	3	8.00	89	0.20
School - Building Construction	Generator Sets	1	8.00	84	0.74
School - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Welders	1	8.00	46	0.45
Park 4- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 4- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 4- Grading	Excavators	1	8.00	158	0.38
Park 4- Grading	Graders	1	8.00	187	0.41
Park 4- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park 4- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 4- Building Construction	Forklifts	1	8.00	89	0.20
Park 4- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 4- Building Construction	Welders	1	8.00	46	0.45
Commercial 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 4- Architectural Coating	Air Compressors	1	8.00	78	0.48
School - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
School - Paving	Pavers	2	8.00	130	0.42
School - Paving	Paving Equipment	2	8.00	132	0.36
School - Paving	Rollers	2	8.00	80	0.38
Fire Station - Architectural Coating	Air Compressors	1	8.00	78	0.48
Fire Station Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Fire Station Paving	Pavers	2	8.00	130	0.42
Fire Station Paving	Paving Equipment	2	8.00	132	0.36
Fire Station Paving	Rollers	2	8.00	80	0.38
School -Architectural Coating	Air Compressors	1	8.00	78	0.48
Commercial 1- Paving	Pavers	2	8.00	130	0.42
Commercial 1- Paving	Paving Equipment	2	8.00	132	0.36
Commercial 1- Paving	Rollers	2	8.00	80	0.38
Park 4- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37

Park 4- Paving	Pavers	2	8.00	130	0.42
Park 4- Paving	Paving Equipment	2	8.00	132	0.36
Park 4- Paving	Rollers	2	8.00	80	0.38
Fire Station Site Preparation	Pavers	2	8.00	130	0.42
Fire Station Site Preparation	Paving Equipment	2	8.00	132	0.36
Fire Station Site Preparation	Rollers	2	8.00	80	0.38
Fire Station Grading	Rubber Tired Dozers	3	8.00	247	0.40
Fire Station Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Fire Station Building Construction	Cranes	1	8.00	231	0.29
Fire Station Building Construction	Forklifts	3	8.00	89	0.20
Fire Station Building Construction	Generator Sets	1	8.00	84	0.74
Fire Station Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Fire Station Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Park 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Grading	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Building Construction	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Building Construction	0	32.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Site Preparation	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Grading	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School -Architectural Coating	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Site Prep	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Park 1- Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**18.0663**	**2.3904**	**20.4566**	**9.9307**	**2.1991**	**12.1298**		**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		87.0200	87.0200	2.7800e-003		87.0894
Total	**0.0577**	**0.5234**	**0.4375**	**1.9700e-003**	**4.1457**	**4.0400e-003**	**4.1497**	**0.4321**	**3.8400e-003**	**0.4359**		**205.4266**	**205.4266**	**0.0119**		**205.7246**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.3950	3.4500e-003	0.3985	0.0444	3.3000e-003	0.0477		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	1.4431	5.9000e-004	1.4437	0.1572	5.4000e-004	0.1577		87.0200	87.0200	2.7800e-003		87.0894
Total	**0.0577**	**0.5234**	**0.4375**	**1.9700e-003**	**1.8381**	**4.0400e-003**	**1.8422**	**0.2016**	**3.8400e-003**	**0.2055**		**205.4266**	**205.4266**	**0.0119**		**205.7246**

3.3 Park 1- Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9295	0.0000	0.9295	0.4329	0.0000	0.4329			0.0000			0.0000
Off-Road	0.4910	5.0154	3.9895	5.7200e-003		0.3077	0.3077		0.2830	0.2830		566.9914	566.9914	0.1794		571.4761
Total	**0.4910**	**5.0154**	**3.9895**	**5.7200e-003**	**0.9295**	**0.3077**	**1.2372**	**0.4329**	**0.2830**	**0.7159**		**566.9914**	**566.9914**	**0.1794**		**571.4761**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**2.1900**	**3.6800e-003**	**2.1937**	**0.2289**	**3.5200e-003**	**0.2324**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3625	0.0000	0.3625	0.1688	0.0000	0.1688			0.0000			0.0000
Off-Road	0.1219	2.3129	4.0794	5.7200e-003		9.3400e-003	9.3400e-003		9.3400e-003	9.3400e-003	0.0000	566.9914	566.9914	0.1794		571.4761
Total	**0.1219**	**2.3129**	**4.0794**	**5.7200e-003**	**0.3625**	**9.3400e-003**	**0.3719**	**0.1688**	**9.3400e-003**	**0.1782**	**0.0000**	**566.9914**	**566.9914**	**0.1794**		**571.4761**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.3950	3.4500e-003	0.3985	0.0444	3.3000e-003	0.0477		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.2000e-004	0.0631		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**0.9723**	**3.6800e-003**	**0.9760**	**0.1073**	**3.5200e-003**	**0.1108**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

3.4 Park 1- Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7779	5.3899	5.3040	7.1900e-003		0.3664	0.3664		0.3450	0.3450		666.3400	666.3400	0.1799		670.8366
Total	**0.7779**	**5.3899**	**5.3040**	**7.1900e-003**		**0.3664**	**0.3664**		**0.3450**	**0.3450**		**666.3400**	**666.3400**	**0.1799**		**670.8366**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**2.1900**	**3.6800e-003**	**2.1937**	**0.2289**	**3.5200e-003**	**0.2324**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1480	3.6876	5.0005	7.1900e-003		0.0543	0.0543		0.0543	0.0543	0.0000	666.3400	666.3400	0.1799		670.8366
Total	**0.1480**	**3.6876**	**5.0005**	**7.1900e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**666.3400**	**666.3400**	**0.1799**		**670.8366**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.3950	3.4500e-003	0.3985	0.0444	3.3000e-003	0.0477		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.2000e-004	0.0631		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**0.9723**	**3.6800e-003**	**0.9760**	**0.1073**	**3.5200e-003**	**0.1108**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

3.4 Park 1- Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6956	4.9740	5.2270	7.1900e-003		0.3167	0.3167		0.2983	0.2983		656.2771	656.2771	0.1758		660.6725
Total	**0.6956**	**4.9740**	**5.2270**	**7.1900e-003**		**0.3167**	**0.3167**		**0.2983**	**0.2983**		**656.2771**	**656.2771**	**0.1758**		**660.6725**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1480	3.6876	5.0005	7.1900e-003		0.0543	0.0543		0.0543	0.0543	0.0000	656.2771	656.2771	0.1758		660.6725
Total	**0.1480**	**3.6876**	**5.0005**	**7.1900e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**656.2771**	**656.2771**	**0.1758**		**660.6725**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.5 Park 1- Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.6 Park 1- Paving - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	2.2154	2.1400e-003	2.2175	0.2337	2.0500e-003	0.2357		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0579**	**1.0363**	**0.4717**	**3.3600e-003**	**4.8230**	**2.5900e-003**	**4.8256**	**0.5046**	**2.4700e-003**	**0.5070**		**356.5072**	**356.5072**	**0.0227**		**357.0742**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	0.9876	2.1400e-003	0.9897	0.1110	2.0500e-003	0.1131		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0579**	**1.0363**	**0.4717**	**3.3600e-003**	**2.1421**	**2.5900e-003**	**2.1447**	**0.2368**	**2.4700e-003**	**0.2392**		**356.5072**	**356.5072**	**0.0227**		**357.0742**

3.7 Commercial 1- Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3176	13.3560	14.6822	0.0203		0.8000	0.8000		0.7360	0.7360		1,965.8669	1,965.8669	0.6358		1,981.7620
Total	**1.3176**	**13.3560**	**14.6822**	**0.0203**	**0.0000**	**0.8000**	**0.8000**	**0.0000**	**0.7360**	**0.7360**		**1,965.8669**	**1,965.8669**	**0.6358**		**1,981.7620**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0467**	**0.4298**	**0.3690**	**1.9000e-003**	**4.1457**	**1.4300e-003**	**4.1471**	**0.4321**	**1.3400e-003**	**0.4335**		**197.9849**	**197.9849**	**0.0107**		**198.2512**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4555	8.8606	15.3197	0.0203		0.0331	0.0331		0.0331	0.0331	0.0000	1,965.8669	1,965.8669	0.6358		1,981.7620
Total	**0.4555**	**8.8606**	**15.3197**	**0.0203**	**0.0000**	**0.0331**	**0.0331**	**0.0000**	**0.0331**	**0.0331**	**0.0000**	**1,965.8669**	**1,965.8669**	**0.6358**		**1,981.7620**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0467**	**0.4298**	**0.3690**	**1.9000e-003**	**1.8381**	**1.4300e-003**	**1.8395**	**0.2016**	**1.3400e-003**	**0.2029**		**197.9849**	**197.9849**	**0.0107**		**198.2512**

3.8 Commercial 1- Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2342	0.0000	6.2342	3.3331	0.0000	3.3331			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.2342**	**1.1599**	**7.3941**	**3.3331**	**1.0671**	**4.4003**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**3.4938**	**1.3100e-003**	**3.4951**	**0.3644**	**1.2400e-003**	**0.3656**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4313	0.0000	2.4313	1.2999	0.0000	1.2999			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**0.5200**	**10.3327**	**18.9906**	**0.0296**	**2.4313**	**0.0484**	**2.4798**	**1.2999**	**0.0484**	**1.3483**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**1.5495**	**1.3100e-003**	**1.5508**	**0.1702**	**1.2400e-003**	**0.1714**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

3.9 Commercial 1- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		48.8665	48.8665	1.3900e-003		48.9013
Total	**0.0329**	**0.4208**	**0.2629**	**1.5700e-003**	**2.8419**	**1.2000e-003**	**2.8431**	**0.2967**	**1.1300e-003**	**0.2978**		**165.4072**	**165.4072**	**9.7200e-003**		**165.6503**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		48.8665	48.8665	1.3900e-003		48.9013
Total	**0.0329**	**0.4208**	**0.2629**	**1.5700e-003**	**1.2609**	**1.2000e-003**	**1.2621**	**0.1387**	**1.1300e-003**	**0.1399**		**165.4072**	**165.4072**	**9.7200e-003**		**165.6503**

3.10 School - Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.11 School - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.9122	0.0000	10.9122	3.8382	0.0000	3.8382			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**10.9122**	**1.1599**	**12.0721**	**3.8382**	**1.0671**	**4.9054**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**3.4938**	**1.3100e-003**	**3.4951**	**0.3644**	**1.2400e-003**	**0.3656**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2558	0.0000	4.2558	1.4969	0.0000	1.4969			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**0.5200**	**10.3327**	**18.9906**	**0.0296**	**4.2558**	**0.0484**	**4.3042**	**1.4969**	**0.0484**	**1.5453**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**1.5495**	**1.3100e-003**	**1.5508**	**0.1702**	**1.2400e-003**	**0.1714**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

3.12 School - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.1107	0.0719	0.8488	2.6200e-003	10.4305	1.8200e-003	10.4324	1.0837	1.6700e-003	1.0853		260.6211	260.6211	7.4400e-003		260.8070
Total	**0.1228**	**0.4792**	**0.9526**	**3.7000e-003**	**11.3167**	**2.6800e-003**	**11.3194**	**1.1771**	**2.4900e-003**	**1.1796**		**377.1619**	**377.1619**	**0.0158**		**377.5560**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.1107	0.0719	0.8488	2.6200e-003	4.6179	1.8200e-003	4.6197	0.5031	1.6700e-003	0.5047		260.6211	260.6211	7.4400e-003		260.8070
Total	**0.1228**	**0.4792**	**0.9526**	**3.7000e-003**	**5.0129**	**2.6800e-003**	**5.0156**	**0.5475**	**2.4900e-003**	**0.5499**		**377.1619**	**377.1619**	**0.0158**		**377.5560**

3.12 School - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.1046	0.0656	0.7893	2.5200e-003	10.4305	1.7800e-003	10.4323	1.0837	1.6400e-003	1.0853		251.0591	251.0591	6.8200e-003		251.2296
Total	**0.1159**	**0.4505**	**0.8876**	**3.5900e-003**	**11.3167**	**2.5200e-003**	**11.3192**	**1.1771**	**2.3400e-003**	**1.1795**		**366.5046**	**366.5046**	**0.0149**		**366.8769**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.1046	0.0656	0.7893	2.5200e-003	4.6179	1.7800e-003	4.6196	0.5031	1.6400e-003	0.5047		251.0591	251.0591	6.8200e-003		251.2296
Total	**0.1159**	**0.4505**	**0.8876**	**3.5900e-003**	**5.0129**	**2.5200e-003**	**5.0154**	**0.5475**	**2.3400e-003**	**0.5498**		**366.5046**	**366.5046**	**0.0149**		**366.8769**

3.13 Park 4- Site Preparation - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0467**	**0.4298**	**0.3690**	**1.9000e-003**	**4.1457**	**1.4300e-003**	**4.1471**	**0.4321**	**1.3400e-003**	**0.4335**		**197.9849**	**197.9849**	**0.0107**		**198.2512**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0467**	**0.4298**	**0.3690**	**1.9000e-003**	**1.8381**	**1.4300e-003**	**1.8395**	**0.2016**	**1.3400e-003**	**0.2029**		**197.9849**	**197.9849**	**0.0107**		**198.2512**

3.14 Park 4- Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5571	0.0000	9.5571	3.6919	0.0000	3.6919			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**9.5571**	**1.1599**	**10.7170**	**3.6919**	**1.0671**	**4.7590**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**3.4938**	**1.3100e-003**	**3.4951**	**0.3644**	**1.2400e-003**	**0.3656**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.7273	0.0000	3.7273	1.4399	0.0000	1.4399			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**0.5200**	**10.3327**	**18.9906**	**0.0296**	**3.7273**	**0.0484**	**3.7757**	**1.4399**	**0.0484**	**1.4883**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**1.5495**	**1.3100e-003**	**1.5508**	**0.1702**	**1.2400e-003**	**0.1714**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

3.15 Park 4- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6193	4.5838	5.1469	7.1900e-003		0.2696	0.2696		0.2540	0.2540		656.4086	656.4086	0.1722		660.7139
Total	**0.6193**	**4.5838**	**5.1469**	**7.1900e-003**		**0.2696**	**0.2696**		**0.2540**	**0.2540**		**656.4086**	**656.4086**	**0.1722**		**660.7139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1480	3.6876	5.0005	7.1900e-003		0.0543	0.0543		0.0543	0.0543	0.0000	656.4086	656.4086	0.1722		660.7139
Total	**0.1480**	**3.6876**	**5.0005**	**7.1900e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**656.4086**	**656.4086**	**0.1722**		**660.7139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.15 Park 4- Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5550	4.1934	5.0875	7.1900e-003		0.2239	0.2239		0.2111	0.2111		656.7475	656.7475	0.1701		661.0007
Total	**0.5550**	**4.1934**	**5.0875**	**7.1900e-003**		**0.2239**	**0.2239**		**0.2111**	**0.2111**		**656.7475**	**656.7475**	**0.1701**		**661.0007**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1480	3.6876	5.0005	7.1900e-003		0.0543	0.0543		0.0543	0.0543	0.0000	656.7475	656.7475	0.1701		661.0007
Total	**0.1480**	**3.6876**	**5.0005**	**7.1900e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**656.7475**	**656.7475**	**0.1701**		**661.0007**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**0.9723**	**9.6000e-004**	**0.9732**	**0.1073**	**9.0000e-004**	**0.1082**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.16 Fire Station Site Preparation - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**3.4938**	**1.1800e-003**	**3.4950**	**0.3644**	**1.1100e-003**	**0.3655**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**	**0.0000**	**0.0374**	**0.0374**	**0.0000**	**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**1.5495**	**1.1800e-003**	**1.5507**	**0.1702**	**1.1100e-003**	**0.1713**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

3.17 Fire Station Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**18.0663**	**1.6126**	**19.6788**	**9.9307**	**1.4836**	**11.4143**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		78.4560	78.4560	2.1300e-003		78.5092
Total	**0.0440**	**0.4054**	**0.3450**	**1.8600e-003**	**4.1457**	**1.3000e-003**	**4.1470**	**0.4321**	**1.2100e-003**	**0.4333**		**193.9015**	**193.9015**	**0.0102**		**194.1566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		78.4560	78.4560	2.1300e-003		78.5092
Total	**0.0440**	**0.4054**	**0.3450**	**1.8600e-003**	**1.8381**	**1.3000e-003**	**1.8394**	**0.2016**	**1.2100e-003**	**0.2028**		**193.9015**	**193.9015**	**0.0102**		**194.1566**

3.18 Fire Station Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**0.9723**	**9.6000e-004**	**0.9732**	**0.1073**	**9.0000e-004**	**0.1082**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.19 Commercial 1 - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.2161					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**9.4888**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**1.5381**	**8.5000e-004**	**1.5389**	**0.1612**	**8.0000e-004**	**0.1620**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.2161					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**9.4888**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**0.6837**	**8.5000e-004**	**0.6845**	**0.0759**	**8.0000e-004**	**0.0767**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

3.20 Park 4- Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.1438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**0.4165**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**1.5381**	**8.5000e-004**	**1.5389**	**0.1612**	**8.0000e-004**	**0.1620**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.1438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**0.4165**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**0.6837**	**8.5000e-004**	**0.6845**	**0.0759**	**8.0000e-004**	**0.0767**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

3.21 Commercial 1- Landscaping - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635		400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**0.0000**	**0.0690**	**0.0690**	**0.0000**	**0.0635**	**0.0635**		**400.7825**	**400.7825**	**0.1296**		**404.0230**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.7825	400.7825	0.1296		404.0230
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.7825**	**400.7825**	**0.1296**		**404.0230**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**0.9723**	**9.6000e-004**	**0.9732**	**0.1073**	**9.0000e-004**	**0.1082**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.22 Park 1 - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**0.3660**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**1.5381**	**8.5000e-004**	**1.5389**	**0.1612**	**8.0000e-004**	**0.1620**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**0.3660**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**0.6837**	**8.5000e-004**	**0.6845**	**0.0759**	**8.0000e-004**	**0.0767**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

3.22 Park 1 - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.3488**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.3488**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.23 School -Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**1.4183**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**2.8419**	**1.0700e-003**	**2.8430**	**0.2967**	**1.0100e-003**	**0.2977**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**1.4183**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**1.2609**	**1.0700e-003**	**1.2620**	**0.1387**	**1.0100e-003**	**0.1397**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

3.23 School -Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.4011**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.4011**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**1.2609**	**6.9000e-004**	**1.2616**	**0.1387**	**6.4000e-004**	**0.1394**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.24 Park 4- Landscaping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.25 Commercial 1- Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**4.8230**	**1.3300e-003**	**4.8243**	**0.5046**	**1.2500e-003**	**0.5058**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**2.1421**	**1.3300e-003**	**2.1434**	**0.2368**	**1.2500e-003**	**0.2380**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

3.26 Park 4- Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**4.8230**	**1.3300e-003**	**4.8243**	**0.5046**	**1.2500e-003**	**0.5058**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**2.1421**	**1.3300e-003**	**2.1434**	**0.2368**	**1.2500e-003**	**0.2380**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

3.27 School - Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**18.0663**	**1.2660**	**19.3323**	**9.9307**	**1.1647**	**11.0954**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**0.6967**	**12.1620**	**22.9600**	**0.0381**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**1.8381**	**9.0000e-004**	**1.8390**	**0.2016**	**8.4000e-004**	**0.2025**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

3.28 School - Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**4.8230**	**1.3300e-003**	**4.8243**	**0.5046**	**1.2500e-003**	**0.5058**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**2.1421**	**1.3300e-003**	**2.1434**	**0.2368**	**1.2500e-003**	**0.2380**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

3.29 Fire Station - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.9645**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.9645**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.30 Fire Station Landscaping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**0.0950**	**0.0950**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.31 Fire Station Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**4.8230**	**1.3300e-003**	**4.8243**	**0.5046**	**1.2500e-003**	**0.5058**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**2.1421**	**1.3300e-003**	**2.1434**	**0.2368**	**1.2500e-003**	**0.2380**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/22/2017 1:00 PM

Central Village Non-Residential 1-LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Commercial 1 - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Building Construction	0.71	0.37	-0.08	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Grading	0.76	0.57	-0.19	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Landscaping	0.23	-0.21	-0.12	0.00	-0.38	-0.49	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Site Preparation	0.63	0.33	-0.04	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Building Construction	0.68	0.30	-0.10	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Grading	0.77	0.62	-0.16	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Landscaping	0.19	-0.29	-0.12	0.00	-0.64	-0.78	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Site Preparation	0.67	0.09	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Park 1 - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Building Construction	0.77	0.27	0.05	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Grading	0.71	0.49	-0.02	0.00	0.96	0.98	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Landscaping	0.28	-0.13	-0.12	0.00	-0.16	-0.26	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Paving	0.70	0.21	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Site Preparation	0.83	0.72	-0.04	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Building Construction	0.73	0.18	0.03	0.00	0.79	0.78	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Grading	0.76	0.57	-0.19	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Landscaping	0.19	-0.29	-0.12	0.00	-0.64	-0.78	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Site Preparation	0.81	0.69	-0.08	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
School - Building Construction	0.66	0.34	-0.09	0.00	0.90	0.90	0.00	0.00	0.00	0.00	0.00	0.00
School - Grading	0.76	0.57	-0.19	0.00	0.96	0.95	0.00	0.00	0.00	0.00	0.00	0.00
School - Landscaping	0.26	-0.13	-0.12	0.00	-0.21	-0.26	0.00	0.00	0.00	0.00	0.00	0.00
School - Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
School - Site Prep	0.73	0.55	-0.25	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
School -Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst

Air Compressors	Diesel	Tier 4 Interim	0	5	No Change	0.00
Cranes	Diesel	Tier 4 Interim	3	3	No Change	0.00
Excavators	Diesel	Tier 4 Interim	3	3	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	11	11	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	3	3	No Change	0.00
Graders	Diesel	Tier 4 Interim	3	3	No Change	0.00
Pavers	Diesel	Tier 4 Interim	12	12	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	12	12	No Change	0.00
Rollers	Diesel	Tier 4 Interim	15	15	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	16	16	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	10	10	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	43	43	No Change	0.00
Welders	Diesel	Tier 4 Interim	5	5	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	2.91100E-002	1.99450E-001	2.64640E-001	4.30000E-004	1.12900E-002	1.12900E-002	0.00000E+000	3.72775E+001	3.72775E+001	2.35000E-003	0.00000E+000	3.73362E+001
Cranes	9.32100E-002	1.07181E+000	4.59390E-001	1.37000E-003	4.39600E-002	4.04500E-002	0.00000E+000	1.20140E+002	1.20140E+002	3.88600E-002	0.00000E+000	1.21111E+002
Excavators	1.95000E-003	1.83000E-002	2.78100E-002	4.00000E-005	8.90000E-004	8.20000E-004	0.00000E+000	3.85702E+000	3.85702E+000	1.25000E-003	0.00000E+000	3.88820E+000
Forklifts	9.84900E-002	9.03540E-001	9.25040E-001	1.22000E-003	6.27200E-002	5.77000E-002	0.00000E+000	1.06920E+002	1.06920E+002	3.45500E-002	0.00000E+000	1.07784E+002
Generator Sets	8.15100E-002	7.22660E-001	8.72260E-001	1.56000E-003	3.73300E-002	3.73300E-002	0.00000E+000	1.33954E+002	1.33954E+002	6.60000E-003	0.00000E+000	1.34119E+002
Graders	3.85000E-003	5.03600E-002	1.50200E-002	6.00000E-005	1.60000E-003	1.47000E-003	0.00000E+000	4.94807E+000	4.94807E+000	1.60000E-003	0.00000E+000	4.98808E+000
Pavers	2.24100E-002	2.24140E-001	3.17650E-001	5.20000E-004	1.06200E-002	9.77000E-003	0.00000E+000	4.54231E+001	4.54231E+001	1.46900E-002	0.00000E+000	4.57904E+001
Paving Equipment	1.92900E-002	1.84480E-001	2.80860E-001	4.50000E-004	9.01000E-003	8.29000E-003	0.00000E+000	3.93638E+001	3.93638E+001	1.27300E-002	0.00000E+000	3.96820E+001
Rollers	1.83400E-002	1.90460E-001	2.10060E-001	3.00000E-004	1.08000E-002	9.93000E-003	0.00000E+000	2.60486E+001	2.60486E+001	8.42000E-003	0.00000E+000	2.62592E+001
Rubber Tired Dozers	4.22400E-002	4.41920E-001	1.79430E-001	4.50000E-004	2.06100E-002	1.89600E-002	0.00000E+000	3.92104E+001	3.92104E+001	1.26600E-002	0.00000E+000	3.95270E+001
Skid Steer Loaders	6.36000E-003	8.45700E-002	1.27610E-001	1.90000E-004	3.11000E-003	2.86000E-003	0.00000E+000	1.67241E+001	1.67241E+001	5.41000E-003	0.00000E+000	1.68593E+001
Tractors/Loaders/Backhoes	1.58140E-001	1.60306E+000	1.99347E+000	2.75000E-003	9.15700E-002	8.42400E-002	0.00000E+000	2.42004E+002	2.42004E+002	7.82000E-002	0.00000E+000	2.43959E+002
Welders	9.72600E-002	4.84000E-001	5.53180E-001	8.20000E-004	2.35600E-002	2.35600E-002	0.00000E+000	6.05129E+001	6.05129E+001	7.90000E-003	0.00000E+000	6.07104E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	2.91100E-002	1.99450E-001	2.64640E-001	4.30000E-004	1.12900E-002	1.12900E-002	0.00000E+000	3.72775E+001	3.72775E+001	2.35000E-003	0.00000E+000	3.73362E+001
Cranes	2.24000E-002	3.61220E-001	7.28040E-001	1.37000E-003	2.24000E-003	2.24000E-003	0.00000E+000	1.20140E+002	1.20140E+002	3.88600E-002	0.00000E+000	1.21111E+002
Excavators	5.40000E-004	1.93500E-002	3.33000E-002	4.00000E-005	7.00000E-005	7.00000E-005	0.00000E+000	3.85701E+000	3.85701E+000	1.25000E-003	0.00000E+000	3.88820E+000
Forklifts	2.74700E-002	5.34440E-001	9.24030E-001	1.22000E-003	2.00000E-003	2.00000E-003	0.00000E+000	1.06920E+002	1.06920E+002	3.45500E-002	0.00000E+000	1.07783E+002
Generator Sets	2.85800E-002	5.56030E-001	9.61360E-001	1.56000E-003	2.08000E-003	2.08000E-003	0.00000E+000	1.33954E+002	1.33954E+002	6.60000E-003	0.00000E+000	1.34119E+002
Graders	9.20000E-004	1.48300E-002	2.98800E-002	6.00000E-005	9.00000E-005	9.00000E-005	0.00000E+000	4.94807E+000	4.94807E+000	1.60000E-003	0.00000E+000	4.98807E+000
Pavers	6.36000E-003	2.27740E-001	3.91930E-001	5.20000E-004	8.50000E-004	8.50000E-004	0.00000E+000	4.54231E+001	4.54231E+001	1.46900E-002	0.00000E+000	4.57904E+001
Paving Equipment	5.53000E-003	1.98210E-001	3.41110E-001	4.50000E-004	7.40000E-004	7.40000E-004	0.00000E+000	3.93637E+001	3.93637E+001	1.27300E-002	0.00000E+000	3.96820E+001
Rollers	6.66000E-003	1.29660E-001	2.24170E-001	3.00000E-004	4.80000E-004	4.80000E-004	0.00000E+000	2.60486E+001	2.60486E+001	8.42000E-003	0.00000E+000	2.62592E+001
Rubber Tired Dozers	7.28000E-003	1.17310E-001	2.36440E-001	4.50000E-004	7.30000E-004	7.30000E-004	0.00000E+000	3.92104E+001	3.92104E+001	1.26600E-002	0.00000E+000	3.95270E+001
Skid Steer Loaders	4.68000E-003	1.06920E-001	1.44390E-001	1.90000E-004	4.37000E-003	4.37000E-003	0.00000E+000	1.67241E+001	1.67241E+001	5.41000E-003	0.00000E+000	1.68593E+001
Tractors/Loaders/Backhoes	6.16400E-002	1.19916E+000	2.07331E+000	2.75000E-003	4.48000E-003	4.48000E-003	0.00000E+000	2.42004E+002	2.42004E+002	7.82000E-002	0.00000E+000	2.43959E+002
Welders	1.40800E-002	5.34060E-001	4.81240E-001	8.20000E-004	1.50200E-002	1.50200E-002	0.00000E+000	6.05129E+001	6.05129E+001	7.90000E-003	0.00000E+000	6.07103E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.07303E-006	1.07303E-006	0.00000E+000	0.00000E+000	1.07135E-006
Cranes	7.59682E-001	6.62981E-001	-5.84797E-001	0.00000E+000	9.49045E-001	9.44623E-001	0.00000E+000	1.16531E-006	1.16531E-006	0.00000E+000	0.00000E+000	1.15596E-006
Excavators	7.23077E-001	-5.73770E-002	-1.97411E-001	0.00000E+000	9.21348E-001	9.14634E-001	0.00000E+000	2.59268E-006	2.59268E-006	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	7.21088E-001	4.08504E-001	1.09184E-003	0.00000E+000	9.68112E-001	9.65338E-001	0.00000E+000	1.21587E-006	1.21587E-006	0.00000E+000	0.00000E+000	1.20612E-006
Generator Sets	6.49368E-001	2.30579E-001	-1.02148E-001	0.00000E+000	9.44281E-001	9.44281E-001	0.00000E+000	1.19444E-006	1.19444E-006	0.00000E+000	0.00000E+000	1.19297E-006
Graders	7.61039E-001	7.05520E-001	-9.89348E-001	0.00000E+000	9.43750E-001	9.38776E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.00478E-006
Pavers	7.16198E-001	-1.60614E-002	-2.33842E-001	0.00000E+000	9.19962E-001	9.12999E-001	0.00000E+000	1.10076E-006	1.10076E-006	0.00000E+000	0.00000E+000	1.09193E-006
Paving Equipment	7.13323E-001	-7.44254E-002	-2.14520E-001	0.00000E+000	9.17869E-001	9.10736E-001	0.00000E+000	1.27020E-006	1.27020E-006	0.00000E+000	0.00000E+000	1.26002E-006
Rollers	6.36859E-001	3.19227E-001	-6.71713E-002	0.00000E+000	9.55556E-001	9.51662E-001	0.00000E+000	1.15169E-006	1.15169E-006	0.00000E+000	0.00000E+000	1.52327E-006
Rubber Tired Dozers	8.27652E-001	7.34545E-001	-3.17728E-001	0.00000E+000	9.64580E-001	9.61498E-001	0.00000E+000	1.27517E-006	1.27517E-006	0.00000E+000	0.00000E+000	1.26496E-006
Skid Steer Loaders	2.64151E-001	-2.64278E-001	-1.31494E-001	0.00000E+000	-4.05145E-001	-5.27972E-001	0.00000E+000	1.19588E-006	1.19588E-006	0.00000E+000	0.00000E+000	1.18629E-006
Tractors/Loaders/Backhoes	6.10219E-001	2.51956E-001	-4.00508E-002	0.00000E+000	9.51076E-001	9.46819E-001	0.00000E+000	1.19833E-006	1.19833E-006	0.00000E+000	0.00000E+000	1.18872E-006
Welders	8.55233E-001	-1.03430E-001	1.30048E-001	0.00000E+000	3.62479E-001	3.62479E-001	0.00000E+000	1.15678E-006	1.15678E-006	0.00000E+000	0.00000E+000	1.31773E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Commercial 1 - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1 - Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Commercial 1- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Building Construction	Roads	0.16	0.02	0.07	0.01	0.55	0.53
Commercial 1- Grading	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Commercial 1- Grading	Roads	0.01	0.00	0.00	0.00	0.56	0.54
Commercial 1- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Commercial 1- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
Commercial 1- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Fire Station - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station - Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Fire Station Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Building Construction	Roads	0.10	0.01	0.04	0.00	0.55	0.53
Fire Station Grading	Fugitive Dust	0.04	0.02	0.01	0.01	0.61	0.61
Fire Station Grading	Roads	0.01	0.00	0.00	0.00	0.56	0.54
Fire Station Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Fire Station Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
Fire Station Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 1 - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1 - Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Park 1- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Park 1- Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.62
Park 1- Grading	Roads	0.00	0.00	0.00	0.00	0.55	0.52

Park 1- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 1- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
Park 1- Site Preparation	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Park 1- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 4- Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Park 4- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Park 4- Grading	Fugitive Dust	0.01	0.01	0.01	0.00	0.61	0.61
Park 4- Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 4- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 4- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.53
Park 4- Site Preparation	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Park 4- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
School - Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School - Building Construction	Roads	1.25	0.13	0.55	0.06	0.56	0.53
School - Grading	Fugitive Dust	0.05	0.02	0.02	0.01	0.61	0.61
School - Grading	Roads	0.01	0.00	0.01	0.00	0.56	0.53
School - Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School - Landscaping	Roads	0.01	0.00	0.00	0.00	0.55	0.52
School - Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School - Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
School - Site Prep	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
School - Site Prep	Roads	0.04	0.00	0.02	0.00	0.56	0.53
School -Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School -Architectural Coating	Roads	0.06	0.01	0.02	0.00	0.55	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			

No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

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

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Non-Residential 1-LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Oct-22	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/ Week**	**Total Days**
Commercial 1 - Architectural Coating	Architectural Coating	2022/10/01	2022/11/30	5	43
Fire Station - Architectural Coating	Architectural Coating	2023/08/01	2023/09/30	5	44
Park 1 - Architectural Coating	Coating	2022/12/01	2023/01/31	5	44
Park 4- Architectural Coating	Coating	2022/11/01	2022/12/31	5	44
School -Architectural Coating	Coating	2022/12/01	2023/01/31	5	44
Construction	Construction	2021/06/10	2021/11/30	5	124
Fire Station Building Construction	Building Construction	2022/02/10	2022/07/04	5	103
Park 1- Building Construction	Building Construction	2019/10/08	2020/02/03	5	85
Park 4- Building Construction	Construction	2021/09/08	2022/01/03	5	84
School - Building Construction	Construction	2021/07/22	2022/07/02	5	247
Commercial 1- Grading	Grading	2021/06/03	2021/06/09	5	5
Fire Station Grading	Grading	2022/02/04	2022/02/09	5	4
Park 1- Grading	Grading	2019/10/03	2019/10/07	5	3
Park 4- Grading	Grading	2021/09/03	2021/09/07	5	3
School - Grading	Grading	2021/07/09	2021/07/21	5	9
Commercial 1- Paving	Paving	2023/01/01	2023/01/31	5	22
Fire Station Paving	Paving	2023/12/01	2023/12/31	5	21
Park 1- Paving	Paving	2021/03/01	2021/03/31	5	23
Park 4- Paving	Paving	2023/02/01	2023/02/28	5	20
School - Paving	Paving	7/1/2023	7/31/2023	5	21
Commercial 1- Landscaping	Site Preparation	2022/12/01	2022/12/31	5	22
Commercial 1- Site Preparation	Site Preparation	2021/06/01	2021/06/02	5	2
Fire Station Landscaping	Site Preparation	2023/11/01	2023/11/30	5	22
Fire Station Site Preparation	Site Preparation	2022/02/01	2022/02/03	5	3
Park 1- Landscaping	Site Preparation	2/1/2021	2/28/2021	5	20

CalEEMod Input Sheet
Construction Phase

Park 1- Site Preparation	Site Preparation	2019/10/01	2019/10/02	5	2
Park 4- Landscaping	Site Preparation	1/1/2023	1/31/2023	5	22
Park 4- Site Preparation	Site Preparation	2021/09/01	2021/09/02	5	2
School - Landscaping	Site Preparation	2021/07/01	2021/07/08	5	6
School - Site Prep	Site Preparation	2023/07/01	2023/07/31	5	21

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment**	**Unit Amount**	**Hours/ Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation - all	default				
Grading- all					
Landscaping - all	Skidsteer	2	default		
Building Construction -parks	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - all	default				
Architectural Coating -all					
Building Construction - Non-park					

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Exp**	**Mean Vehicle**	**Total Acres Graded**	**Material Moisture**	**Material Silt Content**
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
--		

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
--		

Table 9: Construction Trips and VMT									
Phase Name	# Trips Worker (/day)	# Trips Vendor (/day)	Total # Trips Hauling	Trip Length Worker (miles)	Trip Length Worker (miles)	Trip Length Hauling (miles)	Vehicle Class Worker	Vehicle Class Vendor	Vehicle Class Hauling
Refer to Construction VMT Worksheet									

Table 10: On-Road Fugitive Dust								
Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
--								

CalEEMod Input Sheet
Construction Phase

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
School - Architectural Coating	N/A	N/A	N/A	N/A	50	90,000	100	30,000	100	10,500
Park 1 - Architectural Coating	N/A	N/A	N/A	N/A	50	630	100	210	100	840
Park 4- Architectural Coating	N/A	N/A	N/A	N/A	50	630	100	210	100	360
Fire Station - Architectural Coating	N/A	N/A	N/A	N/A	50	11,250	100	3,750	100	1,500
Commercial 1 - Architectural Coating	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	480

CalEEMod Input Sheet
Construction Mobile

Table 12: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to VMT Worksheet	

Table 13: Vehicle Emissions
default

Table 14: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
Single Family Housing	default												

Table 15: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

CalEEMod Input Sheet
Construction Mobile

Table 16: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Tables 17 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	61
PM 2.5 (% Reduction)	61
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 2:31 PM

Central Village Non-Residential -LEA 2

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	97,340.00	3

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	65705	0
tblAreaCoating	Area_Residential_Interior	197114	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	30.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	124.00
tblConstructionPhase	NumDays	0.00	122.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	1.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	23.00

tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	BuildingSpaceSquareFeet	0.00	97,340.00
tblLandUse	LandUseSquareFeet	0.00	97,340.00
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37

tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers

tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes

tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	PhaseName		Community Facility in MU - Site Preparation
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00

tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.5016	56.2258	43.2316	0.0761	23.4371	2.8874	26.3245	7.8118	2.6886	10.5004	0.0000	7,410.8485	7,410.8485	1.8890	0.0000	7,458.0740
2021	5.3897	27.6494	23.1972	0.0429	6.8042	1.4280	8.2321	0.7125	1.3340	2.0464	0.0000	4,185.0547	4,185.0547	1.0283	0.0000	4,210.7616
2023	2.5312	11.1275	11.2663	0.0213	3.5946	0.5239	3.8775	0.7104	0.4896	0.9809	0.0000	2,076.2631	2,076.2631	0.5088	0.0000	2,088.9840
2024	2.3437	12.7475	11.4682	0.0225	8.8640	0.5653	9.4293	3.6069	0.5290	4.1358	0.0000	2,172.9526	2,172.9526	0.5074	0.0000	2,185.4406
Maximum	**5.5016**	**56.2258**	**43.2316**	**0.0761**	**23.4371**	**2.8874**	**26.3245**	**7.8118**	**2.6886**	**10.5004**	**0.0000**	**7,410.8485**	**7,410.8485**	**1.8890**	**0.0000**	**7,458.0740**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.9050	29.1429	47.5918	0.0761	9.7561	0.2556	9.9660	3.1406	0.2550	3.3499	0.0000	7,410.8484	7,410.8484	1.8890	0.0000	7,458.0740
2021	3.4689	15.6018	25.7014	0.0429	3.0232	0.1915	3.0870	0.3348	0.1914	0.4060	0.0000	4,185.0547	4,185.0547	1.0283	0.0000	4,210.7616
2023	1.7936	7.5876	12.7784	0.0213	1.5545	0.0308	1.5729	0.3001	0.0307	0.3184	0.0000	2,076.2631	2,076.2631	0.5088	0.0000	2,088.9840
2024	1.6717	7.5785	13.2892	0.0225	3.6095	0.0331	3.6426	1.4297	0.0331	1.4628	0.0000	2,172.9526	2,172.9526	0.5074	0.0000	2,185.4406
Maximum	**3.4689**	**29.1429**	**47.5918**	**0.0761**	**9.7561**	**0.2556**	**9.9660**	**3.1406**	**0.2550**	**3.3499**	**0.0000**	**7,410.8484**	**7,410.8484**	**1.8890**	**0.0000**	**7,458.0740**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**43.94**	**44.40**	**-11.44**	**0.00**	**57.98**	**90.55**	**61.83**	**59.47**	**89.88**	**68.65**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5000e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5000e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5000e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5000e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Community Facility in MU - Site Preparation	Site Preparation	7/1/2020	7/2/2020	5	2	
2	Community Facility in MU - Grading	Grading	7/3/2020	7/5/2020	5	1	
3	Community Facility in MU - Building Construction	Building Construction	7/8/2020	11/1/2020	5	83	
4	Community Facility in MU - Architectural Coatings	Architectural Coating	9/1/2020	9/30/2020	6	22	
5	Community Facility in MU - Landscape	Site Preparation	12/1/2020	12/31/2020	5	23	
6	Senior Activity Center Site Landscaping	Site Preparation	12/1/2020	12/2/2020	5	2	
7	Swim Club Central Site Prep	Site Preparation	12/1/2020	12/2/2020	5	2	
8	Community Facility in MU - Paving	Paving	12/1/2020	12/31/2020	5	23	
9	Senior Activity Center Grading	Grading	12/3/2020	12/5/2020	5	2	
10	Swim Club Central Grading	Grading	12/3/2020	12/5/2020	5	2	
11	Senior Activity Center Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
12	Swim Club Central Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
13	Senior Activity Center Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
14	Swim Club Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
15	Senior Activity Center Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
16	Swim Club Central Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
17	Senior Activity Center Paving	Paving	5/1/2021	5/31/2021	5	21	
18	Commercial 2- Site Preparation	Site Preparation	6/1/2023	6/3/2023	5	2	
19	Commercial 2- Grading	Grading	6/6/2023	6/10/2023	5	4	
20	Commercial 2- Building Construction	Building Construction	6/13/2023	12/1/2023	5	124	
21	Commercial 3- Architectural coating	Architectural Coating	9/1/2023	9/30/2023	6	21	
22	Commercial 3- Site Preparation	Site Preparation	6/1/2024	6/5/2024	5	3	
23	Commercial 3- Grading	Grading	6/6/2024	6/12/2024	5	5	
24	Commercial 3- Building Construction	Building Construction	6/13/2024	12/1/2024	5	122	
25	Commercial 2- Architectural coating	Architectural Coating	10/1/2024	10/31/2024	6	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,500; Non-Residential Outdoor: 2,500; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Swim Club Central Building Construction	Forklifts	2	8.00	89	0.20
Swim Club Central Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Architectural Coating	Air Compressors	1	8.00	78	0.48
Swim Club Architectural Coating	Air Compressors	1	8.00	78	0.48
Senior Activity Center Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Senior Activity Center Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Paving	Paving Equipment	2	8.00	132	0.36
Senior Activity Center Paving	Pavers	2	8.00	130	0.42
Commercial 2- Site Preparation	Graders	1	8.00	187	0.41
Commercial 2- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 2- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Commercial 2- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 2- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Commercial 2- Building Construction	Cranes	1	8.00	231	0.29
Commercial 2- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 2- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Architectural coating	Air Compressors	1	8.00	78	0.48
Commercial 3- Site Preparation	Graders	1	8.00	187	0.41
Commercial 3- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Commercial 3- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 3- Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Building Construction	Cranes	1	8.00	231	0.29
Commercial 3- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 3- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 2- Architectural coating	Air Compressors	1	8.00	78	0.48

Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Graders	1	8.00	187	0.41
Community Facility in MU - Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Community Facility in MU - Grading	Rubber Tired Loaders	1	8.00	203	0.36
Community Facility in MU - Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Grading	Graders	1	8.00	187	0.41
Community Facility in MU - Building Construction	Cranes	1	8.00	231	0.29
Community Facility in MU - Building Construction	Forklifts	1	8.00	89	0.20
Community Facility in MU - Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Building Construction	Welders	3	8.00	46	0.45
Community Facility in MU - Building Construction	Generator Sets	1	8.00	84	0.74
Community Facility in MU - Architectural Coatings	Air Compressors	1	8.00	78	0.48
Community Facility in MU - Landscape	Skid Steer Loaders	2	8.00	65	0.37

Senior Activity Center Site Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Site Prep	Graders	1	8.00	187	0.41
Swim Club Central Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Paving	Pavers	2	8.00	130	0.42
Community Facility in MU - Paving	Paving Equipment	2	8.00	132	0.36
Community Facility in MU - Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Grading	Rubber Tired Dozers	1	8.00	247	0.40
Senior Activity Center Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Senior Activity Center Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club Central Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Swim Club Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Building Construction	Cranes	1	8.00	231	0.29
Senior Activity Center Building Construction	Forklifts	2	8.00	89	0.20
Senior Activity Center Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Building Construction	Cranes	1	8.00	231	0.29

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Community Facility in MLL- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Grading		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Building		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Architectural		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Landscape		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Site Landscaping		8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Site Prep		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Paving		4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Building Construction		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Paving		8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Community Facility in MU - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.7648	19.7629	8.2258	0.0183		0.8903	0.8903		0.8191	0.8191		1,770.8297	1,770.8297	0.5727		1,785.1477
Total	**1.7648**	**19.7629**	**8.2258**	**0.0183**	**6.5523**	**0.8903**	**7.4427**	**3.3675**	**0.8191**	**4.1866**		**1,770.8297**	**1,770.8297**	**0.5727**		**1,785.1477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	0.3172	5.3468	10.3885	0.0183		0.0298	0.0298		0.0298	0.0298	0.0000	1,770.8297	1,770.8297	0.5727		1,785.1477
Total	**0.3172**	**5.3468**	**10.3885**	**0.0183**	**2.5554**	**0.0298**	**2.5852**	**1.3133**	**0.0298**	**1.3431**	**0.0000**	**1,770.8297**	**1,770.8297**	**0.5727**		**1,785.1477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.3 Community Facility in MU - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0594	12.8403	5.7296	0.0160		0.4817	0.4817		0.4432	0.4432		1,548.6471	1,548.6471	0.5009		1,561.1687
Total	**1.0594**	**12.8403**	**5.7296**	**0.0160**	**0.5303**	**0.4817**	**1.0120**	**0.0573**	**0.4432**	**0.5004**		**1,548.6471**	**1,548.6471**	**0.5009**		**1,561.1687**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.2809	4.7617	9.2090	0.0160		0.0262	0.0262		0.0262	0.0262	0.0000	1,548.6471	1,548.6471	0.5009		1,561.1687
Total	**0.2809**	**4.7617**	**9.2090**	**0.0160**	**0.2068**	**0.0262**	**0.2330**	**0.0223**	**0.0262**	**0.0485**	**0.0000**	**1,548.6471**	**1,548.6471**	**0.5009**		**1,561.1687**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.4 Community Facility in MU - Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2291	16.9494	14.5647	0.0246		0.9075	0.9075		0.8714	0.8714		2,248.9165	2,248.9165	0.4516		2,260.2070
Total	**2.2291**	**16.9494**	**14.5647**	**0.0246**		**0.9075**	**0.9075**		**0.8714**	**0.8714**		**2,248.9165**	**2,248.9165**	**0.4516**		**2,260.2070**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**1.5381**	**2.3700e-003**	**1.5404**	**0.1612**	**2.2600e-003**	**0.1635**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4500	10.8680	15.0987	0.0246		0.1659	0.1659		0.1659	0.1659	0.0000	2,248.9165	2,248.9165	0.4516		2,260.2070
Total	**0.4500**	**10.8680**	**15.0987**	**0.0246**		**0.1659**	**0.1659**		**0.1659**	**0.1659**	**0.0000**	**2,248.9165**	**2,248.9165**	**0.4516**		**2,260.2070**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**0.6837**	**2.3700e-003**	**0.6860**	**0.0759**	**2.2600e-003**	**0.0781**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

3.5 Community Facility in MU - Architectural Coatings - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479		375.2641	375.2641	0.0291		375.9904
Total	**1.6574**	**2.2451**	**2.4419**	**3.9600e-003**		**0.1479**	**0.1479**		**0.1479**	**0.1479**		**375.2641**	**375.2641**	**0.0291**		**375.9904**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**1.5381**	**2.3700e-003**	**1.5404**	**0.1612**	**2.2600e-003**	**0.1635**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0291		375.9904
Total	**1.4071**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0291**		**375.9904**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**0.6837**	**2.3700e-003**	**0.6860**	**0.0759**	**2.2600e-003**	**0.0781**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

3.6 Community Facility in MU - Landscape - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843		398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**		**398.7145**	**398.7145**	**0.1290**		**401.9383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1014	2.3150	3.1261	4.1200e-003		0.0946	0.0946		0.0946	0.0946	0.0000	398.7145	398.7145	0.1290		401.9383
Total	**0.1014**	**2.3150**	**3.1261**	**4.1200e-003**		**0.0946**	**0.0946**		**0.0946**	**0.0946**	**0.0000**	**398.7145**	**398.7145**	**0.1290**		**401.9383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.7 Senior Activity Center Site Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843		398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**		**398.7145**	**398.7145**	**0.1290**		**401.9383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0333	0.0222	0.2138	6.4000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0489**	**0.4729**	**0.3413**	**1.7100e-003**	**3.4938**	**2.7100e-003**	**3.4965**	**0.3644**	**2.5700e-003**	**0.3670**		**177.8755**	**177.8755**	**0.0111**		**178.1536**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1014	2.3150	3.1261	4.1200e-003		0.0946	0.0946		0.0946	0.0946	0.0000	398.7145	398.7145	0.1290		401.9383
Total	**0.1014**	**2.3150**	**3.1261**	**4.1200e-003**		**0.0946**	**0.0946**		**0.0946**	**0.0946**	**0.0000**	**398.7145**	**398.7145**	**0.1290**		**401.9383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0333	0.0222	0.2138	6.4000e-004	1.1545	4.6000e-004	1.1549	0.1258	4.2000e-004	0.1262		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0489**	**0.4729**	**0.3413**	**1.7100e-003**	**1.5495**	**2.7100e-003**	**1.5522**	**0.1702**	**2.5700e-003**	**0.1728**		**177.8755**	**177.8755**	**0.0111**		**178.1536**

3.8 Swim Club Central Site Prep - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.5303**	**0.3353**	**0.8656**	**0.0573**	**0.3085**	**0.3658**		**943.4872**	**943.4872**	**0.3051**		**951.1158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.1778	3.0990	5.8579	9.7400e-003		0.0159	0.0159		0.0159	0.0159	0.0000	943.4872	943.4872	0.3051		951.1158
Total	**0.1778**	**3.0990**	**5.8579**	**9.7400e-003**	**0.2068**	**0.0159**	**0.2227**	**0.0223**	**0.0159**	**0.0382**	**0.0000**	**943.4872**	**943.4872**	**0.3051**		**951.1158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.9 Community Facility in MU - Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3399	13.8931	14.4718	0.0225		0.7435	0.7435		0.6841	0.6841		2,180.6024	2,180.6024	0.7053		2,198.2336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3399**	**13.8931**	**14.4718**	**0.0225**		**0.7435**	**0.7435**		**0.6841**	**0.6841**		**2,180.6024**	**2,180.6024**	**0.7053**		**2,198.2336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	2.2154	5.6200e-003	2.2210	0.2337	5.3800e-003	0.2390		286.4622	286.4622	0.0231		287.0385
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0558**	**1.1378**	**0.4257**	**2.9900e-003**	**3.5192**	**5.8500e-003**	**3.5251**	**0.3691**	**5.5900e-003**	**0.3747**		**318.1075**	**318.1075**	**0.0240**		**318.7076**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3300	9.9161	17.0831	0.0225		0.0369	0.0369		0.0369	0.0369	0.0000	2,180.6024	2,180.6024	0.7053		2,198.2336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3300**	**9.9161**	**17.0831**	**0.0225**		**0.0369**	**0.0369**		**0.0369**	**0.0369**	**0.0000**	**2,180.6024**	**2,180.6024**	**0.7053**		**2,198.2336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	0.9876	5.6200e-003	0.9932	0.1110	5.3800e-003	0.1164		286.4622	286.4622	0.0231		287.0385
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0558**	**1.1378**	**0.4257**	**2.9900e-003**	**1.5648**	**5.8500e-003**	**1.5707**	**0.1739**	**5.5900e-003**	**0.1795**		**318.1075**	**318.1075**	**0.0240**		**318.7076**

3.10 Senior Activity Center Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537		2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**6.0221**	**1.0194**	**7.0415**	**3.3102**	**0.9537**	**4.2639**		**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		47.4679	47.4679	1.4300e-003		47.5037
Total	**0.0406**	**0.4673**	**0.2879**	**1.5500e-003**	**2.8419**	**2.6000e-003**	**2.8445**	**0.2967**	**2.4700e-003**	**0.2991**		**162.0528**	**162.0528**	**0.0107**		**162.3190**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.3934	7.1888	13.0734	0.0210		0.0324	0.0324		0.0324	0.0324	0.0000	2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**0.3934**	**7.1888**	**13.0734**	**0.0210**	**2.3486**	**0.0324**	**2.3810**	**1.2910**	**0.0324**	**1.3234**	**0.0000**	**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		47.4679	47.4679	1.4300e-003		47.5037
Total	**0.0406**	**0.4673**	**0.2879**	**1.5500e-003**	**1.2609**	**2.6000e-003**	**1.2635**	**0.1387**	**2.4700e-003**	**0.1412**		**162.0528**	**162.0528**	**0.0107**		**162.3190**

3.11 Swim Club Central Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537		2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**6.0221**	**1.0194**	**7.0415**	**3.3102**	**0.9537**	**4.2639**		**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		47.4679	47.4679	1.4300e-003		47.5037
Total	**0.0406**	**0.4673**	**0.2879**	**1.5500e-003**	**2.8419**	**2.6000e-003**	**2.8445**	**0.2967**	**2.4700e-003**	**0.2991**		**162.0528**	**162.0528**	**0.0107**		**162.3190**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.3934	7.1888	13.0734	0.0210		0.0324	0.0324		0.0324	0.0324	0.0000	2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**0.3934**	**7.1888**	**13.0734**	**0.0210**	**2.3486**	**0.0324**	**2.3810**	**1.2910**	**0.0324**	**1.3234**	**0.0000**	**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		47.4679	47.4679	1.4300e-003		47.5037
Total	**0.0406**	**0.4673**	**0.2879**	**1.5500e-003**	**1.2609**	**2.6000e-003**	**1.2635**	**0.1387**	**2.4700e-003**	**0.1412**		**162.0528**	**162.0528**	**0.0107**		**162.3190**

3.12 Senior Activity Center Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259		1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**		**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.12 Senior Activity Center Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396		1,451.9805	1,451.9805	0.4696		1,463.7205
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**		**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,451.9805	1,451.9805	0.4696		1,463.7204
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7204**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.13 Swim Club Central Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259		1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**		**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**1.5381**	**2.3700e-003**	**1.5404**	**0.1612**	**2.2600e-003**	**0.1635**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**0.6837**	**2.3700e-003**	**0.6860**	**0.0759**	**2.2600e-003**	**0.0781**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

3.13 Swim Club Central Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396		1,451.9805	1,451.9805	0.4696		1,463.7205
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**		**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**1.5381**	**1.0000e-003**	**1.5391**	**0.1612**	**9.5000e-004**	**0.1621**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,451.9805	1,451.9805	0.4696		1,463.7204
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7204**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**0.6837**	**1.0000e-003**	**0.6847**	**0.0759**	**9.5000e-004**	**0.0768**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

3.14 Senior Activity Center Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.1949					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	**2.4868**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**		**375.2641**	**375.2641**	**0.0258**		**375.9079**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**1.5381**	**1.0000e-003**	**1.5391**	**0.1612**	**9.5000e-004**	**0.1621**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.1949					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0258		375.9079
Total	**2.2675**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0258**		**375.9079**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**0.6837**	**1.0000e-003**	**0.6847**	**0.0759**	**9.5000e-004**	**0.0768**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

3.15 Swim Club Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.4345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	**0.7264**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**		**375.2641**	**375.2641**	**0.0258**		**375.9079**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**1.5381**	**1.0000e-003**	**1.5391**	**0.1612**	**9.5000e-004**	**0.1621**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.4345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0258		375.9079
Total	**0.5072**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0258**		**375.9079**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**0.6837**	**1.0000e-003**	**0.6847**	**0.0759**	**9.5000e-004**	**0.0768**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

3.16 Senior Activity Center Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748		398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**		**398.7735**	**398.7735**	**0.1290**		**401.9978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1014	2.3150	3.1261	4.1200e-003		0.0946	0.0946		0.0946	0.0946	0.0000	398.7735	398.7735	0.1290		401.9978
Total	**0.1014**	**2.3150**	**3.1261**	**4.1200e-003**		**0.0946**	**0.0946**		**0.0946**	**0.0946**	**0.0000**	**398.7735**	**398.7735**	**0.1290**		**401.9978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.17 Swim Club Central Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748		398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**		**398.7735**	**398.7735**	**0.1290**		**401.9978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1014	2.3150	3.1261	4.1200e-003		0.0946	0.0946		0.0946	0.0946	0.0000	398.7735	398.7735	0.1290		401.9978
Total	**0.1014**	**2.3150**	**3.1261**	**4.1200e-003**		**0.0946**	**0.0946**		**0.0946**	**0.0946**	**0.0000**	**398.7735**	**398.7735**	**0.1290**		**401.9978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.18 Senior Activity Center Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2402	12.7608	14.4729	0.0225		0.6694	0.6694		0.6158	0.6158		2,180.0858	2,180.0858	0.7051		2,197.7129
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2402**	**12.7608**	**14.4729**	**0.0225**		**0.6694**	**0.6694**		**0.6158**	**0.6158**		**2,180.0858**	**2,180.0858**	**0.7051**		**2,197.7129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	2.2154	2.2300e-003	2.2176	0.2337	2.1300e-003	0.2358		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0633**	**1.0358**	**0.4884**	**3.2500e-003**	**4.8230**	**2.6800e-003**	**4.8257**	**0.5046**	**2.5500e-003**	**0.5071**		**344.9831**	**344.9831**	**0.0239**		**345.5798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3300	9.9161	17.0831	0.0225		0.0369	0.0369		0.0369	0.0369	0.0000	2,180.0858	2,180.0858	0.7051		2,197.7129
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3300**	**9.9161**	**17.0831**	**0.0225**		**0.0369**	**0.0369**		**0.0369**	**0.0369**	**0.0000**	**2,180.0858**	**2,180.0858**	**0.7051**		**2,197.7129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	0.9876	2.2300e-003	0.9898	0.1110	2.1300e-003	0.1131		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0633**	**1.0358**	**0.4884**	**3.2500e-003**	**2.1421**	**2.6800e-003**	**2.1447**	**0.2368**	**2.5500e-003**	**0.2393**		**344.9831**	**344.9831**	**0.0239**		**345.5798**

3.19 Commercial 2- Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.5303**	**0.2266**	**0.7568**	**0.0573**	**0.2084**	**0.2657**		**942.4317**	**942.4317**	**0.3048**		**950.0517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.1778	3.0990	5.8579	9.7300e-003		0.0159	0.0159		0.0159	0.0159	0.0000	942.4317	942.4317	0.3048		950.0517
Total	**0.1778**	**3.0990**	**5.8579**	**9.7300e-003**	**0.2068**	**0.0159**	**0.2227**	**0.0223**	**0.0159**	**0.0382**	**0.0000**	**942.4317**	**942.4317**	**0.3048**		**950.0517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.20 Commercial 2- Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.7528**	**0.2821**	**1.0349**	**0.4138**	**0.2698**	**0.6836**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.2366	4.5446	7.9381	0.0120		0.0177	0.0177		0.0177	0.0177	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.2366**	**4.5446**	**7.9381**	**0.0120**	**0.2936**	**0.0177**	**0.3113**	**0.1614**	**0.0177**	**0.1791**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**1.2609**	**7.1000e-004**	**1.2616**	**0.1387**	**6.6000e-004**	**0.1394**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.21 Commercial 2- Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8567	8.7784	8.5680	0.0150		0.4285	0.4285		0.3942	0.3942		1,453.4078	1,453.4078	0.4701		1,465.1593
Total	**0.8567**	**8.7784**	**8.5680**	**0.0150**		**0.4285**	**0.4285**		**0.3942**	**0.3942**		**1,453.4078**	**1,453.4078**	**0.4701**		**1,465.1593**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,453.4078	1,453.4078	0.4701		1,465.1593
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,453.4078**	**1,453.4078**	**0.4701**		**1,465.1593**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.22 Commercial 3- Architectural coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3865					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.6421**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3865					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.4592**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.23 Commercial 3- Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851		942.2742	942.2742	0.3048		949.8930
Total	**0.4985**	**5.6040**	**3.8921**	**9.7300e-003**	**0.5303**	**0.2012**	**0.7315**	**0.0573**	**0.1851**	**0.2424**		**942.2742**	**942.2742**	**0.3048**		**949.8930**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.5000e-004**	**0.2295**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.1778	3.0990	5.8579	9.7300e-003		0.0159	0.0159		0.0159	0.0159	0.0000	942.2742	942.2742	0.3048		949.8930
Total	**0.1778**	**3.0990**	**5.8579**	**9.7300e-003**	**0.2068**	**0.0159**	**0.2227**	**0.0223**	**0.0159**	**0.0382**	**0.0000**	**942.2742**	**942.2742**	**0.3048**		**949.8930**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**0.9723**	**5.8000e-004**	**0.9729**	**0.1073**	**5.5000e-004**	**0.1078**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

3.24 Commercial 3- Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2958	12.4384	11.2523	0.0210		0.5646	0.5646		0.5283	0.5283		2,023.1791	2,023.1791	0.4908		2,035.4495
Total	**1.2958**	**12.4384**	**11.2523**	**0.0210**	**6.0221**	**0.5646**	**6.5867**	**3.3102**	**0.5283**	**3.8385**		**2,023.1791**	**2,023.1791**	**0.4908**		**2,035.4495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.3934	7.1888	13.0734	0.0210		0.0324	0.0324		0.0324	0.0324	0.0000	2,023.1791	2,023.1791	0.4908		2,035.4495
Total	**0.3934**	**7.1888**	**13.0734**	**0.0210**	**2.3486**	**0.0324**	**2.3810**	**1.2910**	**0.0324**	**1.3234**	**0.0000**	**2,023.1791**	**2,023.1791**	**0.4908**		**2,035.4495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**1.2609**	**6.9000e-004**	**1.2616**	**0.1387**	**6.5000e-004**	**0.1394**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.25 Commercial 3- Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8056	8.1420	8.5062	0.0150		0.3798	0.3798		0.3494	0.3494		1,453.7749	1,453.7749	0.4702		1,465.5294
Total	**0.8056**	**8.1420**	**8.5062**	**0.0150**		**0.3798**	**0.3798**		**0.3494**	**0.3494**		**1,453.7749**	**1,453.7749**	**0.4702**		**1,465.5294**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**1.5381**	**4.8000e-004**	**1.5385**	**0.1612**	**4.5000e-004**	**0.1616**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,453.7749	1,453.7749	0.4702		1,465.5294
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,453.7749**	**1,453.7749**	**0.4702**		**1,465.5294**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**0.6837**	**4.8000e-004**	**0.6841**	**0.0759**	**4.5000e-004**	**0.0763**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

3.26 Commercial 2- Architectural coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.2660					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	**1.5070**	**1.6251**	**2.4135**	**3.9600e-003**		**0.0812**	**0.0812**		**0.0812**	**0.0812**		**375.2641**	**375.2641**	**0.0211**		**375.7923**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**1.5381**	**4.8000e-004**	**1.5385**	**0.1612**	**4.5000e-004**	**0.1616**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.2660					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923
Total	**1.3386**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0211**		**375.7923**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**0.6837**	**4.8000e-004**	**0.6841**	**0.0759**	**4.5000e-004**	**0.0763**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 2:34 PM

Central Village Non-Residential -LEA 2

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	97,340.00	3

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	65705	0
tblAreaCoating	Area_Residential_Interior	197114	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	30.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	22.00
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tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	124.00
tblConstructionPhase	NumDays	0.00	122.00
tblConstructionPhase	NumDays	0.00	83.00
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tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	23.00

tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	BuildingSpaceSquareFeet	0.00	97,340.00
tblLandUse	LandUseSquareFeet	0.00	97,340.00
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
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tblOffRoadEquipment	LoadFactor	0.29	0.29
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tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37

tblOffRoadEquipment	LoadFactor	0.38	0.38
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tblOffRoadEquipment	LoadFactor	0.29	0.29
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tblOffRoadEquipment	OffRoadEquipmentType		Graders
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tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers

tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes

tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	PhaseName		Community Facility in MU - Site Preparation
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00

tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.4880	56.2217	43.1946	0.0764	23.4371	2.8872	26.3243	7.8118	2.6883	10.5001	0.0000	7,437.8427	7,437.8427	1.8863	0.0000	7,485.0003
2021	5.3825	27.6510	23.1660	0.0430	6.8042	1.4279	8.2320	0.7125	1.3338	2.0463	0.0000	4,202.0962	4,202.0962	1.0263	0.0000	4,227.7547
2023	2.5285	11.1293	11.2545	0.0214	3.5946	0.5239	3.8774	0.7104	0.4895	0.9809	0.0000	2,083.9081	2,083.9081	0.5081	0.0000	2,096.6100
2024	2.3411	12.7475	11.4681	0.0225	8.8640	0.5653	9.4293	3.6069	0.5289	4.1358	0.0000	2,178.4724	2,178.4724	0.5067	0.0000	2,190.9523
Maximum	**5.4880**	**56.2217**	**43.1946**	**0.0764**	**23.4371**	**2.8872**	**26.3243**	**7.8118**	**2.6883**	**10.5001**	**0.0000**	**7,437.8427**	**7,437.8427**	**1.8863**	**0.0000**	**7,485.0003**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.9017	29.1388	47.5549	0.0764	9.7561	0.2554	9.9657	3.1406	0.2548	3.3497	0.0000	7,437.8427	7,437.8427	1.8863	0.0000	7,485.0003
2021	3.4617	15.6034	25.6703	0.0430	3.0232	0.1914	3.0868	0.3348	0.1913	0.4059	0.0000	4,202.0962	4,202.0962	1.0263	0.0000	4,227.7547
2023	1.7909	7.5894	12.7666	0.0214	1.5545	0.0307	1.5728	0.3001	0.0307	0.3184	0.0000	2,083.9081	2,083.9081	0.5081	0.0000	2,096.6100
2024	1.6691	7.5803	13.2891	0.0225	3.6095	0.0331	3.6426	1.4297	0.0330	1.4628	0.0000	2,178.4724	2,178.4724	0.5067	0.0000	2,190.9523
Maximum	**3.4617**	**29.1388**	**47.5549**	**0.0764**	**9.7561**	**0.2554**	**9.9657**	**3.1406**	**0.2548**	**3.3497**	**0.0000**	**7,437.8427**	**7,437.8427**	**1.8863**	**0.0000**	**7,485.0003**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**43.94**	**44.40**	**-11.45**	**0.00**	**57.98**	**90.55**	**61.83**	**59.47**	**89.89**	**68.65**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5000e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5000e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5000e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5000e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Community Facility in MU - Site Preparation	Site Preparation	7/1/2020	7/2/2020	5	2	
2	Community Facility in MU - Grading	Grading	7/3/2020	7/5/2020	5	1	
3	Community Facility in MU - Building Construction	Building Construction	7/8/2020	11/1/2020	5	83	
4	Community Facility in MU - Architectural Coatings	Architectural Coating	9/1/2020	9/30/2020	6	22	
5	Community Facility in MU - Landscape	Site Preparation	12/1/2020	12/31/2020	5	23	
6	Senior Activity Center Site Landscaping	Site Preparation	12/1/2020	12/2/2020	5	2	
7	Swim Club Central Site Prep	Site Preparation	12/1/2020	12/2/2020	5	2	
8	Community Facility in MU - Paving	Paving	12/1/2020	12/31/2020	5	23	
9	Senior Activity Center Grading	Grading	12/3/2020	12/5/2020	5	2	
10	Swim Club Central Grading	Grading	12/3/2020	12/5/2020	5	2	
11	Senior Activity Center Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
12	Swim Club Central Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
13	Senior Activity Center Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
14	Swim Club Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
15	Senior Activity Center Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
16	Swim Club Central Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
17	Senior Activity Center Paving	Paving	5/1/2021	5/31/2021	5	21	
18	Commercial 2- Site Preparation	Site Preparation	6/1/2023	6/3/2023	5	2	
19	Commercial 2- Grading	Grading	6/6/2023	6/10/2023	5	4	
20	Commercial 2- Building Construction	Building Construction	6/13/2023	12/1/2023	5	124	
21	Commercial 3- Architectural coating	Architectural Coating	9/1/2023	9/30/2023	6	21	
22	Commercial 3- Site Preparation	Site Preparation	6/1/2024	6/5/2024	5	3	
23	Commercial 3- Grading	Grading	6/6/2024	6/12/2024	5	5	
24	Commercial 3- Building Construction	Building Construction	6/13/2024	12/1/2024	5	122	
25	Commercial 2- Architectural coating	Architectural Coating	10/1/2024	10/31/2024	6	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,500; Non-Residential Outdoor: 2,500; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Swim Club Central Building Construction	Forklifts	2	8.00	89	0.20
Swim Club Central Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Architectural Coating	Air Compressors	1	8.00	78	0.48
Swim Club Architectural Coating	Air Compressors	1	8.00	78	0.48
Senior Activity Center Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Senior Activity Center Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Paving	Paving Equipment	2	8.00	132	0.36
Senior Activity Center Paving	Pavers	2	8.00	130	0.42
Commercial 2- Site Preparation	Graders	1	8.00	187	0.41
Commercial 2- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 2- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Commercial 2- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 2- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Commercial 2- Building Construction	Cranes	1	8.00	231	0.29
Commercial 2- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 2- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Architectural coating	Air Compressors	1	8.00	78	0.48
Commercial 3- Site Preparation	Graders	1	8.00	187	0.41
Commercial 3- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40

Commercial 3- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 3- Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Building Construction	Cranes	1	8.00	231	0.29
Commercial 3- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 3- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 2- Architectural coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Graders	1	8.00	187	0.41
Community Facility in MU - Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Community Facility in MU - Grading	Rubber Tired Loaders	1	8.00	203	0.36
Community Facility in MU - Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Grading	Graders	1	8.00	187	0.41
Community Facility in MU - Building Construction	Cranes	1	8.00	231	0.29

Community Facility in MU - Building Construction	Forklifts	1	8.00	89	0.20
Community Facility in MU - Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Building Construction	Welders	3	8.00	46	0.45
Community Facility in MU - Building Construction	Generator Sets	1	8.00	84	0.74
Community Facility in MU - Architectural Coatings	Air Compressors	1	8.00	78	0.48
Community Facility in MU - Landscape	Skid Steer Loaders	2	8.00	65	0.37
Senior Activity Center Site Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Site Prep	Graders	1	8.00	187	0.41
Swim Club Central Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Paving	Pavers	2	8.00	130	0.42
Community Facility in MU - Paving	Paving Equipment	2	8.00	132	0.36
Community Facility in MU - Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Grading	Rubber Tired Dozers	1	8.00	247	0.40
Senior Activity Center Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Senior Activity Center Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club Central Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Swim Club Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Building Construction	Cranes	1	8.00	231	0.29
Senior Activity Center Building Construction	Forklifts	2	8.00	89	0.20
Senior Activity Center Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Building Construction	Cranes	1	8.00	231	0.29

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Community Facility in MLL- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Grading		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Building		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Architectural		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Landscape		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Site Landscaping		8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Site Prep		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Paving		4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Building Construction		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Paving		8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Community Facility in MU - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.7648	19.7629	8.2258	0.0183		0.8903	0.8903		0.8191	0.8191		1,770.8297	1,770.8297	0.5727		1,785.1477
Total	**1.7648**	**19.7629**	**8.2258**	**0.0183**	**6.5523**	**0.8903**	**7.4427**	**3.3675**	**0.8191**	**4.1866**		**1,770.8297**	**1,770.8297**	**0.5727**		**1,785.1477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	0.3172	5.3468	10.3885	0.0183		0.0298	0.0298		0.0298	0.0298	0.0000	1,770.8297	1,770.8297	0.5727		1,785.1477
Total	**0.3172**	**5.3468**	**10.3885**	**0.0183**	**2.5554**	**0.0298**	**2.5852**	**1.3133**	**0.0298**	**1.3431**	**0.0000**	**1,770.8297**	**1,770.8297**	**0.5727**		**1,785.1477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.3 Community Facility in MU - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0594	12.8403	5.7296	0.0160		0.4817	0.4817		0.4432	0.4432		1,548.6471	1,548.6471	0.5009		1,561.1687
Total	**1.0594**	**12.8403**	**5.7296**	**0.0160**	**0.5303**	**0.4817**	**1.0120**	**0.0573**	**0.4432**	**0.5004**		**1,548.6471**	**1,548.6471**	**0.5009**		**1,561.1687**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.2809	4.7617	9.2090	0.0160		0.0262	0.0262		0.0262	0.0262	0.0000	1,548.6471	1,548.6471	0.5009		1,561.1687
Total	**0.2809**	**4.7617**	**9.2090**	**0.0160**	**0.2068**	**0.0262**	**0.2330**	**0.0223**	**0.0262**	**0.0485**	**0.0000**	**1,548.6471**	**1,548.6471**	**0.5009**		**1,561.1687**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.4 Community Facility in MU - Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2291	16.9494	14.5647	0.0246		0.9075	0.9075		0.8714	0.8714		2,248.9165	2,248.9165	0.4516		2,260.2070
Total	**2.2291**	**16.9494**	**14.5647**	**0.0246**		**0.9075**	**0.9075**		**0.8714**	**0.8714**		**2,248.9165**	**2,248.9165**	**0.4516**		**2,260.2070**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**1.5381**	**2.3300e-003**	**1.5404**	**0.1612**	**2.2200e-003**	**0.1634**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4500	10.8680	15.0987	0.0246		0.1659	0.1659		0.1659	0.1659	0.0000	2,248.9165	2,248.9165	0.4516		2,260.2070
Total	**0.4500**	**10.8680**	**15.0987**	**0.0246**		**0.1659**	**0.1659**		**0.1659**	**0.1659**	**0.0000**	**2,248.9165**	**2,248.9165**	**0.4516**		**2,260.2070**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**0.6837**	**2.3300e-003**	**0.6860**	**0.0759**	**2.2200e-003**	**0.0781**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

3.5 Community Facility in MU - Architectural Coatings - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479		375.2641	375.2641	0.0291		375.9904
Total	**1.6574**	**2.2451**	**2.4419**	**3.9600e-003**		**0.1479**	**0.1479**		**0.1479**	**0.1479**		**375.2641**	**375.2641**	**0.0291**		**375.9904**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**1.5381**	**2.3300e-003**	**1.5404**	**0.1612**	**2.2200e-003**	**0.1634**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0291		375.9904
Total	**1.4071**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0291**		**375.9904**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**0.6837**	**2.3300e-003**	**0.6860**	**0.0759**	**2.2200e-003**	**0.0781**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

3.6 Community Facility in MU - Landscape - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843		398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**		**398.7145**	**398.7145**	**0.1290**		**401.9383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1014	2.3150	3.1261	4.1200e-003		0.0946	0.0946		0.0946	0.0946	0.0000	398.7145	398.7145	0.1290		401.9383
Total	**0.1014**	**2.3150**	**3.1261**	**4.1200e-003**		**0.0946**	**0.0946**		**0.0946**	**0.0946**	**0.0000**	**398.7145**	**398.7145**	**0.1290**		**401.9383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.7 Senior Activity Center Site Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843		398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**		**398.7145**	**398.7145**	**0.1290**		**401.9383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0294	0.0198	0.2268	6.8000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0443**	**0.4708**	**0.3417**	**1.7800e-003**	**3.4938**	**2.6700e-003**	**3.4965**	**0.3644**	**2.5300e-003**	**0.3669**		**185.0358**	**185.0358**	**0.0107**		**185.3030**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1014	2.3150	3.1261	4.1200e-003		0.0946	0.0946		0.0946	0.0946	0.0000	398.7145	398.7145	0.1290		401.9383
Total	**0.1014**	**2.3150**	**3.1261**	**4.1200e-003**		**0.0946**	**0.0946**		**0.0946**	**0.0946**	**0.0000**	**398.7145**	**398.7145**	**0.1290**		**401.9383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0294	0.0198	0.2268	6.8000e-004	1.1545	4.6000e-004	1.1549	0.1258	4.2000e-004	0.1262		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0443**	**0.4708**	**0.3417**	**1.7800e-003**	**1.5495**	**2.6700e-003**	**1.5522**	**0.1702**	**2.5300e-003**	**0.1727**		**185.0358**	**185.0358**	**0.0107**		**185.3030**

3.8 Swim Club Central Site Prep - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.5303**	**0.3353**	**0.8656**	**0.0573**	**0.3085**	**0.3658**		**943.4872**	**943.4872**	**0.3051**		**951.1158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.1778	3.0990	5.8579	9.7400e-003		0.0159	0.0159		0.0159	0.0159	0.0000	943.4872	943.4872	0.3051		951.1158
Total	**0.1778**	**3.0990**	**5.8579**	**9.7400e-003**	**0.2068**	**0.0159**	**0.2227**	**0.0223**	**0.0159**	**0.0382**	**0.0000**	**943.4872**	**943.4872**	**0.3051**		**951.1158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.9 Community Facility in MU - Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3399	13.8931	14.4718	0.0225		0.7435	0.7435		0.6841	0.6841		2,180.6024	2,180.6024	0.7053		2,198.2336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3399**	**13.8931**	**14.4718**	**0.0225**		**0.7435**	**0.7435**		**0.6841**	**0.6841**		**2,180.6024**	**2,180.6024**	**0.7053**		**2,198.2336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	2.2154	5.5200e-003	2.2209	0.2337	5.2800e-003	0.2389		294.0401	294.0401	0.0217		294.5824
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0521**	**1.1375**	**0.4006**	**3.0800e-003**	**3.5192**	**5.7500e-003**	**3.5250**	**0.3691**	**5.4900e-003**	**0.3746**		**327.7500**	**327.7500**	**0.0227**		**328.3174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3300	9.9161	17.0831	0.0225		0.0369	0.0369		0.0369	0.0369	0.0000	2,180.6024	2,180.6024	0.7053		2,198.2336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3300**	**9.9161**	**17.0831**	**0.0225**		**0.0369**	**0.0369**		**0.0369**	**0.0369**	**0.0000**	**2,180.6024**	**2,180.6024**	**0.7053**		**2,198.2336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	0.9876	5.5200e-003	0.9931	0.1110	5.2800e-003	0.1163		294.0401	294.0401	0.0217		294.5824
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0521**	**1.1375**	**0.4006**	**3.0800e-003**	**1.5648**	**5.7500e-003**	**1.5706**	**0.1739**	**5.4900e-003**	**0.1794**		**327.7500**	**327.7500**	**0.0227**		**328.3174**

3.10 Senior Activity Center Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537		2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**6.0221**	**1.0194**	**7.0415**	**3.3102**	**0.9537**	**4.2639**		**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		50.5648	50.5648	1.5100e-003		50.6026
Total	**0.0370**	**0.4659**	**0.2850**	**1.6100e-003**	**2.8419**	**2.5600e-003**	**2.8444**	**0.2967**	**2.4300e-003**	**0.2991**		**168.1809**	**168.1809**	**0.0102**		**168.4355**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.3934	7.1888	13.0734	0.0210		0.0324	0.0324		0.0324	0.0324	0.0000	2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**0.3934**	**7.1888**	**13.0734**	**0.0210**	**2.3486**	**0.0324**	**2.3810**	**1.2910**	**0.0324**	**1.3234**	**0.0000**	**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		50.5648	50.5648	1.5100e-003		50.6026
Total	**0.0370**	**0.4659**	**0.2850**	**1.6100e-003**	**1.2609**	**2.5600e-003**	**1.2634**	**0.1387**	**2.4300e-003**	**0.1412**		**168.1809**	**168.1809**	**0.0102**		**168.4355**

3.11 Swim Club Central Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537		2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**6.0221**	**1.0194**	**7.0415**	**3.3102**	**0.9537**	**4.2639**		**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		50.5648	50.5648	1.5100e-003		50.6026
Total	**0.0370**	**0.4659**	**0.2850**	**1.6100e-003**	**2.8419**	**2.5600e-003**	**2.8444**	**0.2967**	**2.4300e-003**	**0.2991**		**168.1809**	**168.1809**	**0.0102**		**168.4355**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.3934	7.1888	13.0734	0.0210		0.0324	0.0324		0.0324	0.0324	0.0000	2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**0.3934**	**7.1888**	**13.0734**	**0.0210**	**2.3486**	**0.0324**	**2.3810**	**1.2910**	**0.0324**	**1.3234**	**0.0000**	**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		50.5648	50.5648	1.5100e-003		50.6026
Total	**0.0370**	**0.4659**	**0.2850**	**1.6100e-003**	**1.2609**	**2.5600e-003**	**1.2634**	**0.1387**	**2.4300e-003**	**0.1412**		**168.1809**	**168.1809**	**0.0102**		**168.4355**

3.12 Senior Activity Center Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259		1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**		**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.12 Senior Activity Center Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396		1,451.9805	1,451.9805	0.4696		1,463.7205
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**		**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,451.9805	1,451.9805	0.4696		1,463.7204
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7204**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.13 Swim Club Central Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259		1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**		**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**1.5381**	**2.3300e-003**	**1.5404**	**0.1612**	**2.2200e-003**	**0.1634**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**0.6837**	**2.3300e-003**	**0.6860**	**0.0759**	**2.2200e-003**	**0.0781**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

3.13 Swim Club Central Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396		1,451.9805	1,451.9805	0.4696		1,463.7205
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**		**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**1.5381**	**9.7000e-004**	**1.5390**	**0.1612**	**9.2000e-004**	**0.1621**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,451.9805	1,451.9805	0.4696		1,463.7204
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7204**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**0.6837**	**9.7000e-004**	**0.6846**	**0.0759**	**9.2000e-004**	**0.0768**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

3.14 Senior Activity Center Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.1949					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	**2.4868**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**		**375.2641**	**375.2641**	**0.0258**		**375.9079**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**1.5381**	**9.7000e-004**	**1.5390**	**0.1612**	**9.2000e-004**	**0.1621**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.1949					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0258		375.9079
Total	**2.2675**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0258**		**375.9079**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**0.6837**	**9.7000e-004**	**0.6846**	**0.0759**	**9.2000e-004**	**0.0768**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

3.15 Swim Club Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.4345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	**0.7264**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**		**375.2641**	**375.2641**	**0.0258**		**375.9079**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**1.5381**	**9.7000e-004**	**1.5390**	**0.1612**	**9.2000e-004**	**0.1621**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.4345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0258		375.9079
Total	**0.5072**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0258**		**375.9079**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**0.6837**	**9.7000e-004**	**0.6846**	**0.0759**	**9.2000e-004**	**0.0768**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

3.16 Senior Activity Center Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748		398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**		**398.7735**	**398.7735**	**0.1290**		**401.9978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1014	2.3150	3.1261	4.1200e-003		0.0946	0.0946		0.0946	0.0946	0.0000	398.7735	398.7735	0.1290		401.9978
Total	**0.1014**	**2.3150**	**3.1261**	**4.1200e-003**		**0.0946**	**0.0946**		**0.0946**	**0.0946**	**0.0000**	**398.7735**	**398.7735**	**0.1290**		**401.9978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.17 Swim Club Central Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748		398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**		**398.7735**	**398.7735**	**0.1290**		**401.9978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1014	2.3150	3.1261	4.1200e-003		0.0946	0.0946		0.0946	0.0946	0.0000	398.7735	398.7735	0.1290		401.9978
Total	**0.1014**	**2.3150**	**3.1261**	**4.1200e-003**		**0.0946**	**0.0946**		**0.0946**	**0.0946**	**0.0000**	**398.7735**	**398.7735**	**0.1290**		**401.9978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.18 Senior Activity Center Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2402	12.7608	14.4729	0.0225		0.6694	0.6694		0.6158	0.6158		2,180.0858	2,180.0858	0.7051		2,197.7129
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2402**	**12.7608**	**14.4729**	**0.0225**		**0.6694**	**0.6694**		**0.6158**	**0.6158**		**2,180.0858**	**2,180.0858**	**0.7051**		**2,197.7129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	2.2154	2.1400e-003	2.2175	0.2337	2.0500e-003	0.2357		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0579**	**1.0363**	**0.4717**	**3.3600e-003**	**4.8230**	**2.5900e-003**	**4.8256**	**0.5046**	**2.4700e-003**	**0.5070**		**356.5072**	**356.5072**	**0.0227**		**357.0742**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3300	9.9161	17.0831	0.0225		0.0369	0.0369		0.0369	0.0369	0.0000	2,180.0858	2,180.0858	0.7051		2,197.7129
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3300**	**9.9161**	**17.0831**	**0.0225**		**0.0369**	**0.0369**		**0.0369**	**0.0369**	**0.0000**	**2,180.0858**	**2,180.0858**	**0.7051**		**2,197.7129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	0.9876	2.1400e-003	0.9897	0.1110	2.0500e-003	0.1131		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0579**	**1.0363**	**0.4717**	**3.3600e-003**	**2.1421**	**2.5900e-003**	**2.1447**	**0.2368**	**2.4700e-003**	**0.2392**		**356.5072**	**356.5072**	**0.0227**		**357.0742**

3.19 Commercial 2- Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.5303**	**0.2266**	**0.7568**	**0.0573**	**0.2084**	**0.2657**		**942.4317**	**942.4317**	**0.3048**		**950.0517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.1778	3.0990	5.8579	9.7300e-003		0.0159	0.0159		0.0159	0.0159	0.0000	942.4317	942.4317	0.3048		950.0517
Total	**0.1778**	**3.0990**	**5.8579**	**9.7300e-003**	**0.2068**	**0.0159**	**0.2227**	**0.0223**	**0.0159**	**0.0382**	**0.0000**	**942.4317**	**942.4317**	**0.3048**		**950.0517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.20 Commercial 2- Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.7528**	**0.2821**	**1.0349**	**0.4138**	**0.2698**	**0.6836**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.2366	4.5446	7.9381	0.0120		0.0177	0.0177		0.0177	0.0177	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.2366**	**4.5446**	**7.9381**	**0.0120**	**0.2936**	**0.0177**	**0.3113**	**0.1614**	**0.0177**	**0.1791**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**1.2609**	**6.9000e-004**	**1.2616**	**0.1387**	**6.4000e-004**	**0.1394**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.21 Commercial 2- Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8567	8.7784	8.5680	0.0150		0.4285	0.4285		0.3942	0.3942		1,453.4078	1,453.4078	0.4701		1,465.1593
Total	**0.8567**	**8.7784**	**8.5680**	**0.0150**		**0.4285**	**0.4285**		**0.3942**	**0.3942**		**1,453.4078**	**1,453.4078**	**0.4701**		**1,465.1593**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,453.4078	1,453.4078	0.4701		1,465.1593
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,453.4078**	**1,453.4078**	**0.4701**		**1,465.1593**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.22 Commercial 3- Architectural coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3865					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.6421**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3865					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.4592**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.23 Commercial 3- Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851		942.2742	942.2742	0.3048		949.8930
Total	**0.4985**	**5.6040**	**3.8921**	**9.7300e-003**	**0.5303**	**0.2012**	**0.7315**	**0.0573**	**0.1851**	**0.2424**		**942.2742**	**942.2742**	**0.3048**		**949.8930**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.1778	3.0990	5.8579	9.7300e-003		0.0159	0.0159		0.0159	0.0159	0.0000	942.2742	942.2742	0.3048		949.8930
Total	**0.1778**	**3.0990**	**5.8579**	**9.7300e-003**	**0.2068**	**0.0159**	**0.2227**	**0.0223**	**0.0159**	**0.0382**	**0.0000**	**942.2742**	**942.2742**	**0.3048**		**949.8930**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**0.9723**	**5.6000e-004**	**0.9728**	**0.1073**	**5.3000e-004**	**0.1078**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

3.24 Commercial 3- Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2958	12.4384	11.2523	0.0210		0.5646	0.5646		0.5283	0.5283		2,023.1791	2,023.1791	0.4908		2,035.4495
Total	**1.2958**	**12.4384**	**11.2523**	**0.0210**	**6.0221**	**0.5646**	**6.5867**	**3.3102**	**0.5283**	**3.8385**		**2,023.1791**	**2,023.1791**	**0.4908**		**2,035.4495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.3934	7.1888	13.0734	0.0210		0.0324	0.0324		0.0324	0.0324	0.0000	2,023.1791	2,023.1791	0.4908		2,035.4495
Total	**0.3934**	**7.1888**	**13.0734**	**0.0210**	**2.3486**	**0.0324**	**2.3810**	**1.2910**	**0.0324**	**1.3234**	**0.0000**	**2,023.1791**	**2,023.1791**	**0.4908**		**2,035.4495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**1.2609**	**6.7000e-004**	**1.2616**	**0.1387**	**6.3000e-004**	**0.1394**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.25 Commercial 3- Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8056	8.1420	8.5062	0.0150		0.3798	0.3798		0.3494	0.3494		1,453.7749	1,453.7749	0.4702		1,465.5294
Total	**0.8056**	**8.1420**	**8.5062**	**0.0150**		**0.3798**	**0.3798**		**0.3494**	**0.3494**		**1,453.7749**	**1,453.7749**	**0.4702**		**1,465.5294**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.3000e-004**	**0.1616**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3020	5.5627	10.0517	0.0150		0.0245	0.0245		0.0245	0.0245	0.0000	1,453.7749	1,453.7749	0.4702		1,465.5294
Total	**0.3020**	**5.5627**	**10.0517**	**0.0150**		**0.0245**	**0.0245**		**0.0245**	**0.0245**	**0.0000**	**1,453.7749**	**1,453.7749**	**0.4702**		**1,465.5294**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**0.6837**	**4.6000e-004**	**0.6841**	**0.0759**	**4.3000e-004**	**0.0763**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

3.26 Commercial 2- Architectural coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.2660					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	**1.5070**	**1.6251**	**2.4135**	**3.9600e-003**		**0.0812**	**0.0812**		**0.0812**	**0.0812**		**375.2641**	**375.2641**	**0.0211**		**375.7923**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.3000e-004**	**0.1616**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.2660					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923
Total	**1.3386**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0211**		**375.7923**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**0.6837**	**4.6000e-004**	**0.6841**	**0.0759**	**4.3000e-004**	**0.0763**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

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Date: 8/22/2017 2:38 PM

Central Village Non-Residential -LEA 2

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Commercial 2- Architectural coating	0.11	0.11	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Building Construction	0.64	0.35	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Grading	0.61	0.20	-0.07	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Site Preparation	0.64	0.48	-0.47	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Architectural coating	0.11	0.16	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Building Construction	0.61	0.31	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Grading	0.68	0.41	-0.16	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Site Preparation	0.62	0.42	-0.48	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Architectural Coatings	0.15	0.31	-0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Building Construction	0.79	0.35	-0.04	0.00	0.82	0.81	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Grading	0.71	0.61	-0.59	0.00	0.96	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Landscape	0.30	-0.08	-0.12	0.00	-0.04	-0.12	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Paving	0.73	0.26	-0.18	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Site Preparation	0.80	0.71	-0.26	0.00	0.97	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Architectural Coating	0.09	0.25	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Building Construction	0.70	0.49	-0.13	0.00	0.96	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Grading	0.78	0.60	-0.05	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Landscaping	0.27	-0.13	-0.12	0.00	-0.17	-0.27	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Paving	0.70	0.21	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Site Landscaping	0.29	-0.08	-0.12	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Architectural Coating	0.29	0.25	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Building Construction	0.70	0.49	-0.13	0.00	0.96	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Grading	0.78	0.60	-0.05	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Landscaping	0.27	-0.13	-0.12	0.00	-0.17	-0.27	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Site Prep	0.71	0.60	-0.41	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	6	6	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 4 Interim	6	6	No Change	0.00
Cranes	Diesel	Tier 4 Interim	6	6	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	11	11	No Change	0.00
Graders	Diesel	Tier 4 Interim	6	6	No Change	0.00
Pavers	Diesel	Tier 4 Interim	5	5	No Change	0.00
Rollers	Diesel	Tier 4 Interim	5	5	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	7	7	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	30	30	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	1	1	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	1	1	No Change	0.00
Welders	Diesel	Tier 4 Interim	3	3	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	4	4	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	8	8	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	1.66100E-002	1.14430E-001	1.44190E-001	2.40000E-004	6.76000E-003	6.76000E-003	0.00000E+000	2.02558E+001	2.02558E+001	1.33000E-003	0.00000E+000	2.02892E+001
Concrete/Industrial Saws	2.29000E-003	1.78000E-002	2.38100E-002	4.00000E-005	9.30000E-004	9.30000E-004	0.00000E+000	3.49477E+000	3.49477E+000	1.80000E-004	0.00000E+000	3.49939E+000
Cranes	9.52500E-002	1.07975E+000	4.73750E-001	1.42000E-003	4.45300E-002	4.09700E-002	0.00000E+000	1.24642E+002	1.24642E+002	4.03100E-002	0.00000E+000	1.25650E+002
Forklifts	5.24700E-002	4.83270E-001	5.26890E-001	7.00000E-004	3.21400E-002	2.95700E-002	0.00000E+000	6.12056E+001	6.12056E+001	1.98000E-002	0.00000E+000	6.17005E+001
Generator Sets	1.65600E-002	1.44360E-001	1.53780E-001	2.70000E-004	8.14000E-003	8.14000E-003	0.00000E+000	2.34561E+001	2.34561E+001	1.32000E-003	0.00000E+000	2.34891E+001
Graders	2.10000E-003	2.67000E-002	8.71000E-003	3.00000E-005	8.60000E-004	7.90000E-004	0.00000E+000	2.91062E+000	2.91062E+000	9.40000E-004	0.00000E+000	2.93416E+000
Pavers	1.10900E-002	1.17830E-001	1.26260E-001	2.00000E-004	5.71000E-003	5.26000E-003	0.00000E+000	1.79697E+001	1.79697E+001	5.81000E-003	0.00000E+000	1.81150E+001
Paving Equipment	8.68000E-003	8.87700E-002	1.10140E-001	1.80000E-004	4.41000E-003	4.06000E-003	0.00000E+000	1.55323E+001	1.55323E+001	5.02000E-003	0.00000E+000	1.56579E+001
Rollers	8.66000E-003	8.71600E-002	8.19900E-002	1.10000E-004	5.45000E-003	5.02000E-003	0.00000E+000	1.00137E+001	1.00137E+001	3.24000E-003	0.00000E+000	1.00946E+001
Rubber Tired Dozers	5.15000E-003	5.36000E-002	2.10000E-002	5.00000E-005	2.55000E-003	2.34000E-003	0.00000E+000	4.31478E+000	4.31478E+000	1.40000E-003	0.00000E+000	4.34967E+000
Rubber Tired Loaders	1.90000E-004	2.20000E-003	8.20000E-004	0.00000E+000	7.00000E-005	7.00000E-005	0.00000E+000	2.74500E-001	2.74500E-001	9.00000E-005	0.00000E+000	2.76720E-001
Skid Steer Loaders	5.30000E-003	7.04300E-002	9.55200E-002	1.40000E-004	2.93000E-003	2.70000E-003	0.00000E+000	1.24801E+001	1.24801E+001	4.04000E-003	0.00000E+000	1.25810E+001
Tractors/Loaders/Backhoes	7.95400E-002	8.03220E-001	1.05411E+000	1.46000E-003	4.38300E-002	4.03200E-002	0.00000E+000	1.28100E+002	1.28100E+002	4.14300E-002	0.00000E+000	1.29136E+002
Welders	4.25900E-002	1.95630E-001	2.19990E-001	3.20000E-004	1.08200E-002	1.08200E-002	0.00000E+000	2.34335E+001	2.34335E+001	3.46000E-003	0.00000E+000	2.35201E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	4.32000E-003	8.40800E-002	1.45370E-001	2.40000E-004	3.10000E-004	3.10000E-004	0.00000E+000	2.02558E+001	2.02558E+001	1.33000E-003	0.00000E+000	2.02891E+001
Concrete/Industrial Saws	7.50000E-004	1.45100E-002	2.50800E-002	4.00000E-005	5.00000E-005	5.00000E-005	0.00000E+000	3.49476E+000	3.49476E+000	1.80000E-004	0.00000E+000	3.49939E+000
Cranes	2.32400E-002	3.74750E-001	7.55310E-001	1.42000E-003	2.32000E-003	2.32000E-003	0.00000E+000	1.24642E+002	1.24642E+002	4.03100E-002	0.00000E+000	1.25649E+002
Forklifts	1.57400E-002	3.06200E-001	5.29410E-001	7.00000E-004	1.14000E-003	1.14000E-003	0.00000E+000	6.12055E+001	6.12055E+001	1.98000E-002	0.00000E+000	6.17004E+001
Generator Sets	5.00000E-003	9.73600E-002	1.68340E-001	2.70000E-004	3.60000E-004	3.60000E-004	0.00000E+000	2.34561E+001	2.34561E+001	1.32000E-003	0.00000E+000	2.34891E+001
Graders	5.40000E-004	8.72000E-003	1.75800E-002	3.00000E-005	5.00000E-005	5.00000E-005	0.00000E+000	2.91062E+000	2.91062E+000	9.40000E-004	0.00000E+000	2.93415E+000
Pavers	2.51000E-003	9.01000E-002	1.55060E-001	2.00000E-004	3.40000E-004	3.40000E-004	0.00000E+000	1.79697E+001	1.79697E+001	5.81000E-003	0.00000E+000	1.81150E+001
Paving Equipment	2.18000E-003	7.82100E-002	1.34590E-001	1.80000E-004	2.90000E-004	2.90000E-004	0.00000E+000	1.55323E+001	1.55323E+001	5.02000E-003	0.00000E+000	1.56579E+001
Rollers	2.56000E-003	4.98500E-002	8.61800E-002	1.10000E-004	1.90000E-004	1.90000E-004	0.00000E+000	1.00137E+001	1.00137E+001	3.24000E-003	0.00000E+000	1.00946E+001
Rubber Tired Dozers	8.00000E-004	1.29300E-002	2.60500E-002	5.00000E-005	8.00000E-005	8.00000E-005	0.00000E+000	4.31477E+000	4.31477E+000	1.40000E-003	0.00000E+000	4.34966E+000
Rubber Tired Loaders	5.00000E-005	8.30000E-004	1.68000E-003	0.00000E+000	1.00000E-005	1.00000E-005	0.00000E+000	2.74500E-001	2.74500E-001	9.00000E-005	0.00000E+000	2.76720E-001
Skid Steer Loaders	3.50000E-003	7.98700E-002	1.07850E-001	1.40000E-004	3.26000E-003	3.26000E-003	0.00000E+000	1.24801E+001	1.24801E+001	4.04000E-003	0.00000E+000	1.25810E+001
Tractors/Loaders/Backhoes	3.26300E-002	6.34850E-001	1.09764E+000	1.46000E-003	2.37000E-003	2.37000E-003	0.00000E+000	1.28100E+002	1.28100E+002	4.14300E-002	0.00000E+000	1.29136E+002
Welders	5.45000E-003	2.06810E-001	1.86360E-001	3.20000E-004	5.82000E-003	5.82000E-003	0.00000E+000	2.34334E+001	2.34334E+001	3.46000E-003	0.00000E+000	2.35200E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	7.39916E-001	2.65228E-001	-8.18365E-003	0.00000E+000	9.54142E-001	9.54142E-001	0.00000E+000	9.87371E-007	9.87371E-007	0.00000E+000	0.00000E+000	9.85749E-007
Concrete/Industrial Saws	6.72489E-001	1.84831E-001	-5.33389E-002	0.00000E+000	9.46237E-001	9.46237E-001	0.00000E+000	2.86142E-006	2.86142E-006	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.56010E-001	6.52929E-001	-5.94322E-001	0.00000E+000	9.47900E-001	9.43373E-001	0.00000E+000	1.20345E-006	1.20345E-006	0.00000E+000	0.00000E+000	1.19380E-006
Forklifts	7.00019E-001	3.66400E-001	-4.78278E-003	0.00000E+000	9.64530E-001	9.61447E-001	0.00000E+000	1.14369E-006	1.14369E-006	0.00000E+000	0.00000E+000	1.13451E-006
Generator Sets	6.98068E-001	3.25575E-001	-9.46807E-002	0.00000E+000	9.55774E-001	9.55774E-001	0.00000E+000	1.27898E-006	1.27898E-006	0.00000E+000	0.00000E+000	1.27719E-006
Graders	7.42857E-001	6.73408E-001	-1.01837E+000	0.00000E+000	9.41860E-001	9.36709E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.40813E-006
Pavers	7.73670E-001	2.35339E-001	-2.28101E-001	0.00000E+000	9.40455E-001	9.35361E-001	0.00000E+000	1.11299E-006	1.11299E-006	0.00000E+000	0.00000E+000	1.10406E-006
Paving Equipment	7.48848E-001	1.18959E-001	-2.21990E-001	0.00000E+000	9.34240E-001	9.28571E-001	0.00000E+000	1.28764E-006	1.28764E-006	0.00000E+000	0.00000E+000	6.38655E-007
Rollers	7.04388E-001	4.28063E-001	-5.11038E-002	0.00000E+000	9.65138E-001	9.62151E-001	0.00000E+000	9.98635E-007	9.98635E-007	0.00000E+000	0.00000E+000	1.98125E-006
Rubber Tired Dozers	8.44660E-001	7.58769E-001	-2.40476E-001	0.00000E+000	9.68627E-001	9.65812E-001	0.00000E+000	2.31762E-006	2.31762E-006	0.00000E+000	0.00000E+000	2.29902E-006
Rubber Tired Loaders	7.36842E-001	6.22727E-001	-1.04878E+000	0.00000E+000	8.57143E-001	8.57143E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	3.39623E-001	-1.34034E-001	-1.29083E-001	0.00000E+000	-1.12628E-001	-2.07407E-001	0.00000E+000	8.01276E-007	8.01276E-007	0.00000E+000	0.00000E+000	7.94849E-007
Tractors/Loaders/Backhoes	5.89766E-001	2.09619E-001	-4.12955E-002	0.00000E+000	9.45927E-001	9.41220E-001	0.00000E+000	1.17096E-006	1.17096E-006	0.00000E+000	0.00000E+000	1.16157E-006
Welders	8.72036E-001	-5.71487E-002	1.52871E-001	0.00000E+000	4.62107E-001	4.62107E-001	0.00000E+000	1.28022E-006	1.28022E-006	0.00000E+000	0.00000E+000	1.27551E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Commercial 2- Architectural coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Architectural coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Commercial 2- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Building Construction	Roads	0.09	0.01	0.04	0.00	0.55	0.52
Commercial 2- Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Commercial 2- Grading	Roads	0.01	0.00	0.00	0.00	0.55	0.53
Commercial 2- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.67
Commercial 2- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Commercial 3- Architectural coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Architectural coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Commercial 3- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.52
Commercial 3- Grading	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Commercial 3- Grading	Roads	0.01	0.00	0.00	0.00	0.55	0.54
Commercial 3- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.67
Commercial 3- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.52
Community Facility in MU - Architectural Coatings	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Architectural Coatings	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Community Facility in MU - Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Building Construction	Roads	0.06	0.01	0.03	0.00	0.55	0.53
Community Facility in MU - Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.63	0.67
Community Facility in MU - Grading	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Community Facility in MU - Landscape	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Landscape	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Community Facility in MU - Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
Community Facility in MU - Site Preparation	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Community Facility in MU - Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Senior Activity Center Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Senior Activity Center Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

Senior Activity Center Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Senior Activity Center Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Senior Activity Center Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Senior Activity Center Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Senior Activity Center Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
Senior Activity Center Site Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Site Landscaping	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Swim Club Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Swim Club Central Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Building Construction	Roads	0.06	0.01	0.03	0.00	0.55	0.53
Swim Club Central Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Swim Club Central Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Swim Club Central Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club Central Site Prep	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.67
Swim Club Central Site Prep	Roads	0.00	0.00	0.00	0.00	0.55	0.50

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

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

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Non-Residential -LEA 2	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Jul-20	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Community Facility in MU - Site Preparation	Site Preparation	2020/07/01	2020/07/02	5	2
Community Facility in MU - Grading	Grading	2020/07/03	2020/07/05	5	1
Community Facility in MU - Building Construction	Building Construction	2020/07/08	2020/11/01	5	83
Community Facility in MU - Architectural Coatings	Architectural Coating	2020/09/01	2020/09/30	6	22
Community Facility in MU - Landscape	Site Preparation	2020/12/01	2020/12/31	5	23
Community Facility in MU - Paving	Paving	2020/12/01	2020/12/31	5	23
Senior Activity Center Site Landscaping	Site Preparation	2020/12/01	2020/12/02	5	2
Swim Club Central Site Prep	Site Preparation	2020/12/01	2020/12/02	5	2
Senior Activity Center Grading	Grading	2020/12/03	2020/12/05	5	2
Swim Club Central Grading	Grading	2020/12/03	2020/12/05	5	2
Senior Activity Center Building Construction	Building Construction	2020/12/06	2021/03/31	5	83
Swim Club Central Building Construction	Building Construction	2020/12/06	2021/03/31	5	83
Senior Activity Center Architectural Coating	Architectural Coating	2021/02/01	2021/02/28	5	20
Swim Club Architectural Coating	Architectural Coating	2021/02/01	2021/02/28	5	20

CalEEMod Input Sheet
Construction Phase

Senior Activity Center Landscaping	Site Preparation	2021/04/01	2021/04/30	5	22
Swim Club Central Landscaping	Site Preparation	2021/04/01	2021/04/30	5	22
Senior Activity Center Paving	Paving	2021/05/01	2021/05/31	5	21
Commercial 2- Site Preparation	Site Preparation	2023/06/01	2023/06/03	5	2
Commercial 2- Grading	Grading	2023/06/06	2023/06/10	5	4
Commercial 2- Building Construction	Building Construction	2023/06/13	2023/12/01	5	124
Commercial 3- Architectural coating	Architectural Coating	2023/09/01	2023/09/30	6	21
Commercial 3- Site Preparation	Site Preparation	2024/06/01	2024/06/05	5	3
Commercial 3- Grading	Grading	2024/06/06	2024/06/12	5	5
Commercial 3- Building Construction	Building Construction	2024/06/13	2024/12/01	5	122
Commercial 2- Architectural coating	Architectural Coating	2024/10/01	2024/10/31	6	23

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation - all	default				
Grading- all					
Landscaping - all	Skidsteer	2	default		
Building Construction -parks	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - all	default				
Architectural Coating -all					
Building Construction - Non-park					

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture**	**Material Silt Content**
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
--		

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

CalEEMod Input Sheet
Construction Phase

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
--		

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
Refer to Construction VMT Worksheet									

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
--								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
Community Facility in MU - Architectural Coatings	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	84
Senior Activity Center Architectural Coating	N/A	N/A	N/A	N/A	50	11,250	100	3,750	100	96
Swim Club Architectural Coating	N/A	N/A	N/A	N/A	50	2,250	100	750	100	0
Commercial 3- Architectural coating	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	32
Commercial 2- Architectural coating	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	32

CalEEMod Input Sheet
Construction Mobile

Table 12: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to VMT Worksheet	

Table 13: Vehicle Emissions
default

Table 14: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
Single Family Housing	default												

CalEEMod Input Sheet
Construction Mobile

Table 15: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 16: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Tables 17 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	61
PM 2.5 (% Reduction)	61
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/21/2017 1:40 PM

North Village Residential General Construction - LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	169.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Grading - Refer to CalEEMod Input Matrix Table 7

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Land Use - Site prep for General North Village

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	250	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	32.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	310.00	87.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	220.00	21.00

tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	283.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	120.00	22.00
tblConstructionPhase	NumDays	120.00	129.00
tblConstructionPhase	NumDays	120.00	129.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-13
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-14
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-12
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblLandUse	LotAcreage	0.00	169.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Site Preparation
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOnRoadDust	HaulingPercentPave	100.00	0.00

tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2957	48.0760	31.9869	0.0647	56.2197	1.9874	58.2071	8.3621	1.8284	10.1905	0.0000	6,287.3955	6,287.3955	1.9617	0.0000	6,336.4380
2022	3.7210	40.4912	30.0472	0.0647	149.2030	1.6367	150.8397	20.6883	1.5058	21.5595	0.0000	6,287.5491	6,287.5491	1.9620	0.0000	6,336.5983
2023	2.1395	21.9085	29.8342	0.0512	7.0384	1.0227	8.0611	0.7382	0.9410	1.6792	0.0000	5,019.9786	5,019.9786	1.4684	0.0000	5,056.6884
2024	1.0237	10.2760	14.9451	0.0256	3.5192	0.4697	3.9889	0.3691	0.4321	0.8012	0.0000	2,507.1246	2,507.1246	0.7339	0.0000	2,525.4713
Maximum	**4.2957**	**48.0760**	**31.9869**	**0.0647**	**149.2030**	**1.9874**	**150.8397**	**20.6883**	**1.8284**	**21.5595**	**0.0000**	**6,287.5491**	**6,287.5491**	**1.9620**	**0.0000**	**6,336.5983**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.1155	20.9469	37.8310	0.0647	36.6998	0.1036	36.8034	4.7483	0.1035	4.8518	0.0000	6,287.3955	6,287.3955	1.9617	0.0000	6,336.4380
2022	1.1072	20.9184	37.7282	0.0647	101.7881	0.1034	101.8915	11.2433	0.1033	11.3466	0.0000	6,287.5491	6,287.5491	1.9620	0.0000	6,336.5983
2023	0.7422	21.6041	35.2571	0.0512	4.9863	0.0771	5.0634	0.5335	0.0770	0.6105	0.0000	5,019.9786	5,019.9786	1.4684	0.0000	5,056.6884
2024	0.3696	10.7909	17.6150	0.0256	2.4932	0.0385	2.5317	0.2667	0.0385	0.3052	0.0000	2,507.1246	2,507.1246	0.7339	0.0000	2,525.4713
Maximum	**1.1155**	**21.6041**	**37.8310**	**0.0647**	**101.7881**	**0.1036**	**101.8915**	**11.2433**	**0.1035**	**11.3466**	**0.0000**	**6,287.5491**	**6,287.5491**	**1.9620**	**0.0000**	**6,336.5983**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**70.17**	**38.50**	**-20.24**	**0.00**	**32.42**	**93.69**	**33.83**	**44.32**	**93.15**	**50.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/1/2021	9/30/2021	5	22	
2	Grading	Grading	10/1/2021	1/31/2022	5	87	
3	Slope Landscaping	Site Preparation	2/1/2022	7/31/2022	5	129	
4	Interact Utilities	Site Preparation	2/1/2022	7/31/2022	5	129	
5	Interact Paving -1	Paving	7/1/2022	7/31/2022	5	21	
6	Interact Paving -2	Paving	11/1/2022	11/30/2022	5	22	
7	Interact Paving -3	Paving	3/1/2023	3/31/2023	5	23	
8	Interact Paving -6	Paving	3/1/2023	3/31/2024	5	283	
9	Interact Paving -4	Paving	7/1/2023	7/31/2023	5	21	
10	Interact Paving -5	Paving	11/1/2023	11/30/2023	5	22	
11	Interact Paving -7	Paving	7/1/2024	7/31/2024	5	23	
12	Interact Paving -8	Paving	11/1/2024	11/30/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 217.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -1	Pavers	2	8.00	130	0.42
Interact Paving -1	Paving Equipment	2	8.00	132	0.36
Interact Paving -1	Rollers	2	8.00	80	0.38
Interact Paving -2	Pavers	2	8.00	130	0.42
Interact Paving -2	Paving Equipment	2	8.00	132	0.36
Interact Paving -2	Rollers	2	8.00	80	0.38
Interact Paving -3	Pavers	2	8.00	130	0.42
Interact Paving -3	Paving Equipment	2	8.00	132	0.36
Interact Paving -3	Rollers	2	8.00	80	0.38

Interact Paving -4	Pavers	2	8.00	130	0.42
Interact Paving -4	Paving Equipment	2	8.00	132	0.36
Interact Paving -4	Rollers	2	8.00	80	0.38
Interact Paving -5	Pavers	2	8.00	130	0.42
Interact Paving -5	Paving Equipment	2	8.00	132	0.36
Interact Paving -5	Rollers	2	8.00	80	0.38
Interact Paving -6	Pavers	2	8.00	130	0.42
Interact Paving -6	Paving Equipment	2	8.00	132	0.36
Interact Paving -6	Rollers	2	8.00	80	0.38
Interact Paving -7	Pavers	2	8.00	130	0.42
Interact Paving -7	Paving Equipment	2	8.00	132	0.36
Interact Paving -7	Rollers	2	8.00	80	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Interact Paving -8	Pavers	2	8.00	130	0.42
Interact Paving -8	Paving Equipment	2	8.00	132	0.36
Interact Paving -8	Rollers	2	8.00	80	0.38
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	10.00	4.00	3,892.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Interact Paving -1	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -8	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.6535	17.2480	10.3531	0.0178		0.8733	0.8733		0.8035	0.8035		1,726.7767	1,726.7767	0.5585		1,740.7386
Total	**1.6535**	**17.2480**	**10.3531**	**0.0178**	**6.0221**	**0.8733**	**6.8954**	**3.3102**	**0.8035**	**4.1137**		**1,726.7767**	**1,726.7767**	**0.5585**		**1,740.7386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.2855	6.3418	11.5868	0.0178		0.0292	0.0292		0.0292	0.0292	0.0000	1,726.7767	1,726.7767	0.5585		1,740.7386
Total	**0.2855**	**6.3418**	**11.5868**	**0.0178**	**2.3486**	**0.0292**	**2.3778**	**1.2910**	**0.0292**	**1.3202**	**0.0000**	**1,726.7767**	**1,726.7767**	**0.5585**		**1,740.7386**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.6283	8.9000e-004	0.6292	0.0677	8.5000e-004	0.0686		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**1.5507**	**1.1200e-003**	**1.5518**	**0.1651**	**1.0600e-003**	**0.1662**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0526	1.2447	0.7435	8.8000e-004	43.4006	5.8000e-004	43.4012	4.3335	5.5000e-004	4.3340		90.3696	90.3696	7.8600e-003		90.5661
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.1045**	**1.6762**	**1.1084**	**2.7100e-003**	**47.5463**	**2.0400e-003**	**47.5484**	**4.7656**	**1.9200e-003**	**4.7675**		**280.3521**	**280.3521**	**0.0189**		**280.8246**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**3.3826**	**0.1015**	**3.4841**	**1.4026**	**0.1015**	**1.5042**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0526	1.2447	0.7435	8.8000e-004	30.3830	5.8000e-004	30.3836	3.0345	5.5000e-004	3.0350		90.3696	90.3696	7.8600e-003		90.5661
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.6283	8.9000e-004	0.6292	0.0677	8.5000e-004	0.0686		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	2.3059	5.7000e-004	2.3065	0.2435	5.2000e-004	0.2440		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.1045**	**1.6762**	**1.1084**	**2.7100e-003**	**33.3172**	**2.0400e-003**	**33.3192**	**3.3457**	**1.9200e-003**	**3.3476**		**280.3521**	**280.3521**	**0.0189**		**280.8246**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0471	1.2411	0.6649	8.8000e-004	136.3840	5.3000e-004	136.3845	13.6120	5.0000e-004	13.6125		90.0449	90.0449	7.1800e-003		90.2245
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.0961**	**1.6477**	**1.0057**	**2.6600e-003**	**140.5297**	**1.8600e-003**	**140.5315**	**14.0441**	**1.7400e-003**	**14.0459**		**276.1385**	**276.1385**	**0.0178**		**276.5824**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**1.0110**	**19.2707**	**36.7226**	**0.0621**	**3.3826**	**0.1015**	**3.4841**	**1.4026**	**0.1015**	**1.5042**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0471	1.2411	0.6649	8.8000e-004	95.4713	5.3000e-004	95.4718	9.5295	5.0000e-004	9.5300		90.0449	90.0449	7.1800e-003		90.2245
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	2.3059	5.6000e-004	2.3065	0.2435	5.1000e-004	0.2440		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.0961**	**1.6477**	**1.0057**	**2.6600e-003**	**98.4055**	**1.8600e-003**	**98.4074**	**9.8407**	**1.7400e-003**	**9.8424**		**276.1385**	**276.1385**	**0.0178**		**276.5824**

3.4 Slope Landscaping - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**18.0663**	**0.1874**	**18.2536**	**9.9307**	**0.1724**	**10.1031**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.5507**	**9.9000e-004**	**1.5517**	**0.1651**	**9.3000e-004**	**0.1661**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.5 Interact Utilities - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**18.0663**	**0.1874**	**18.2536**	**9.9307**	**0.1724**	**10.1031**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.5507**	**9.9000e-004**	**1.5517**	**0.1651**	**9.3000e-004**	**0.1661**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.6 Interact Paving -1 - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**3.5192**	**2.1400e-003**	**3.5213**	**0.3691**	**2.0300e-003**	**0.3712**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	1.5708	1.9200e-003	1.5727	0.1693	1.8300e-003	0.1712		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**2.4932**	**2.1400e-003**	**2.4953**	**0.2667**	**2.0300e-003**	**0.2688**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

3.7 Interact Paving -2 - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**3.5192**	**2.1400e-003**	**3.5213**	**0.3691**	**2.0300e-003**	**0.3712**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	1.5708	1.9200e-003	1.5727	0.1693	1.8300e-003	0.1712		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**2.4932**	**2.1400e-003**	**2.4953**	**0.2667**	**2.0300e-003**	**0.2688**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

3.8 Interact Paving -3 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.9 Interact Paving -6 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.9 Interact Paving -6 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**3.5192**	**1.1300e-003**	**3.5203**	**0.3691**	**1.0700e-003**	**0.3702**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	1.5708	9.2000e-004	1.5717	0.1693	8.7000e-004	0.1702		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**2.4932**	**1.1300e-003**	**2.4943**	**0.2667**	**1.0700e-003**	**0.2678**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

3.10 Interact Paving -4 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.11 Interact Paving -5 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.12 Interact Paving -7 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**3.5192**	**1.1300e-003**	**3.5203**	**0.3691**	**1.0700e-003**	**0.3702**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	1.5708	9.2000e-004	1.5717	0.1693	8.7000e-004	0.1702		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**2.4932**	**1.1300e-003**	**2.4943**	**0.2667**	**1.0700e-003**	**0.2678**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

3.13 Interact Paving -8 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**3.5192**	**1.1300e-003**	**3.5203**	**0.3691**	**1.0700e-003**	**0.3702**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	1.5708	9.2000e-004	1.5717	0.1693	8.7000e-004	0.1702		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**2.4932**	**1.1300e-003**	**2.4943**	**0.2667**	**1.0700e-003**	**0.2678**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/21/2017 1:38 PM

North Village Residential General Construction - LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	169.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Grading - Refer to CalEEMod Input Matrix Table 7

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Project Characteristics -

Land Use - Site prep for General North Village

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	250	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	32.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	310.00	87.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	220.00	21.00

tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	283.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	120.00	22.00
tblConstructionPhase	NumDays	120.00	129.00
tblConstructionPhase	NumDays	120.00	129.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-13
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-14
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-12
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblLandUse	LotAcreage	0.00	169.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Site Preparation
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOnRoadDust	HaulingPercentPave	100.00	0.00

tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2870	48.0690	31.9116	0.0648	56.2197	1.9873	58.2070	8.3621	1.8284	10.1905	0.0000	6,297.4299	6,297.4299	1.9607	0.0000	6,346.4475
2022	3.7129	40.4853	29.9788	0.0648	149.2030	1.6367	150.8397	20.6883	1.5058	21.5594	0.0000	6,297.4013	6,297.4013	1.9610	0.0000	6,346.4271
2023	2.1336	21.9135	29.8020	0.0514	7.0384	1.0226	8.0610	0.7382	0.9409	1.6791	0.0000	5,038.1677	5,038.1677	1.4665	0.0000	5,074.8294
2024	1.0208	10.2785	14.9296	0.0257	3.5192	0.4696	3.9888	0.3691	0.4321	0.8012	0.0000	2,516.0483	2,516.0483	0.7330	0.0000	2,534.3720
Maximum	**4.2870**	**48.0690**	**31.9116**	**0.0648**	**149.2030**	**1.9873**	**150.8397**	**20.6883**	**1.8284**	**21.5594**	**0.0000**	**6,297.4299**	**6,297.4299**	**1.9610**	**0.0000**	**6,346.4475**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.1069	20.9399	37.7558	0.0648	36.6998	0.1035	36.8033	4.7483	0.1034	4.8517	0.0000	6,297.4299	6,297.4299	1.9607	0.0000	6,346.4475
2022	1.0991	20.9126	37.6598	0.0648	101.7881	0.1033	101.8914	11.2433	0.1032	11.3466	0.0000	6,297.4013	6,297.4013	1.9610	0.0000	6,346.4271
2023	0.7363	21.6091	35.2249	0.0514	4.9863	0.0770	5.0633	0.5335	0.0769	0.6104	0.0000	5,038.1677	5,038.1677	1.4665	0.0000	5,074.8294
2024	0.3668	10.7934	17.5995	0.0257	2.4932	0.0385	2.5316	0.2667	0.0384	0.3052	0.0000	2,516.0483	2,516.0483	0.7330	0.0000	2,534.3720
Maximum	**1.1069**	**21.6091**	**37.7558**	**0.0648**	**101.7881**	**0.1035**	**101.8914**	**11.2433**	**0.1034**	**11.3466**	**0.0000**	**6,297.4299**	**6,297.4299**	**1.9610**	**0.0000**	**6,346.4475**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**70.33**	**38.50**	**-20.28**	**0.00**	**32.42**	**93.70**	**33.83**	**44.32**	**93.16**	**50.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/1/2021	9/30/2021	5	22	
2	Grading	Grading	10/1/2021	1/31/2022	5	87	
3	Slope Landscaping	Site Preparation	2/1/2022	7/31/2022	5	129	
4	Interact Utilities	Site Preparation	2/1/2022	7/31/2022	5	129	
5	Interact Paving -1	Paving	7/1/2022	7/31/2022	5	21	
6	Interact Paving -2	Paving	11/1/2022	11/30/2022	5	22	
7	Interact Paving -3	Paving	3/1/2023	3/31/2023	5	23	
8	Interact Paving -6	Paving	3/1/2023	3/31/2024	5	283	
9	Interact Paving -4	Paving	7/1/2023	7/31/2023	5	21	
10	Interact Paving -5	Paving	11/1/2023	11/30/2023	5	22	
11	Interact Paving -7	Paving	7/1/2024	7/31/2024	5	23	
12	Interact Paving -8	Paving	11/1/2024	11/30/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 217.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -1	Pavers	2	8.00	130	0.42
Interact Paving -1	Paving Equipment	2	8.00	132	0.36
Interact Paving -1	Rollers	2	8.00	80	0.38
Interact Paving -2	Pavers	2	8.00	130	0.42
Interact Paving -2	Paving Equipment	2	8.00	132	0.36
Interact Paving -2	Rollers	2	8.00	80	0.38
Interact Paving -3	Pavers	2	8.00	130	0.42
Interact Paving -3	Paving Equipment	2	8.00	132	0.36
Interact Paving -3	Rollers	2	8.00	80	0.38
Interact Paving -4	Pavers	2	8.00	130	0.42
Interact Paving -4	Paving Equipment	2	8.00	132	0.36
Interact Paving -4	Rollers	2	8.00	80	0.38

Interact Paving -5	Pavers	2	8.00	130	0.42
Interact Paving -5	Paving Equipment	2	8.00	132	0.36
Interact Paving -5	Rollers	2	8.00	80	0.38
Interact Paving -6	Pavers	2	8.00	130	0.42
Interact Paving -6	Paving Equipment	2	8.00	132	0.36
Interact Paving -6	Rollers	2	8.00	80	0.38
Interact Paving -7	Pavers	2	8.00	130	0.42
Interact Paving -7	Paving Equipment	2	8.00	132	0.36
Interact Paving -7	Rollers	2	8.00	80	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Interact Paving -8	Pavers	2	8.00	130	0.42
Interact Paving -8	Paving Equipment	2	8.00	132	0.36
Interact Paving -8	Rollers	2	8.00	80	0.38
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37