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	0.0121	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					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	0.0121	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	0.0138	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	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**1.5507**	**1.0900e-003**	**1.5518**	**0.1651**	**1.0300e-003**	**0.1662**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

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	0.0492	1.2394	0.6641	9.0000e-004	43.4006	5.5000e-004	43.4012	4.3335	5.3000e-004	4.3340		92.4016	92.4016	7.2500e-003		92.5829
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	**0.0959**	**1.6692**	**1.0332**	**2.8000e-003**	**47.5463**	**1.9800e-003**	**47.5483**	**4.7656**	**1.8700e-003**	**4.7675**		**290.3865**	**290.3865**	**0.0179**		**290.8341**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0492	1.2394	0.6641	9.0000e-004	30.3830	5.5000e-004	30.3835	3.0345	5.3000e-004	3.0350		92.4016	92.4016	7.2500e-003		92.5829
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	0.0346	0.0225	0.2652	8.2000e-004	2.3059	5.7000e-004	2.3065	0.2435	5.2000e-004	0.2440		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0959**	**1.6692**	**1.0332**	**2.8000e-003**	**33.3172**	**1.9800e-003**	**33.3192**	**3.3457**	**1.8700e-003**	**3.3476**		**290.3865**	**290.3865**	**0.0179**		**290.8341**

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	0.0441	1.2364	0.5923	9.0000e-004	136.3840	5.0000e-004	136.3845	13.6120	4.8000e-004	13.6125		92.0892	92.0892	6.6200e-003		92.2547
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	**0.0880**	**1.6419**	**0.9373**	**2.7600e-003**	**140.5297**	**1.8000e-003**	**140.5315**	**14.0441**	**1.6900e-003**	**14.0458**		**285.9907**	**285.9907**	**0.0168**		**286.4113**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0441	1.2364	0.5923	9.0000e-004	95.4713	5.0000e-004	95.4718	9.5295	4.8000e-004	9.5299		92.0892	92.0892	6.6200e-003		92.2547
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	0.0327	0.0205	0.2466	7.9000e-004	2.3059	5.6000e-004	2.3065	0.2435	5.1000e-004	0.2440		78.4560	78.4560	2.1300e-003		78.5092
Total	**0.0880**	**1.6419**	**0.9373**	**2.7600e-003**	**98.4055**	**1.8000e-003**	**98.4073**	**9.8407**	**1.6900e-003**	**9.8424**		**285.9907**	**285.9907**	**0.0168**		**286.4113**

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	0.0113	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					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	0.0113	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	0.0131	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	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

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	0.0113	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					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	0.0113	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	0.0131	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	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

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	0.0281	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**

3.7 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	0.0281	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**

3.8 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	0.0217	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**

3.9 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	0.0217	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**

3.9 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	0.0209	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	0.3341	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	0.0209	0.7470	0.2181	2.5800e-003	1.5708	8.7000e-004	1.5717	0.1693	8.3000e-004	0.1702		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**2.4932**	**1.0800e-003**	**2.4942**	**0.2667**	**1.0300e-003**	**0.2678**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

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	0.0217	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**

3.11 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	0.0217	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**

3.12 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	0.0209	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	0.3341	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	0.0209	0.7470	0.2181	2.5800e-003	1.5708	8.7000e-004	1.5717	0.1693	8.3000e-004	0.1702		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**2.4932**	**1.0800e-003**	**2.4942**	**0.2667**	**1.0300e-003**	**0.2678**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

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	0.0209	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	0.3341	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	0.0209	0.7470	0.2181	2.5800e-003	1.5708	8.7000e-004	1.5717	0.1693	8.3000e-004	0.1702		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**2.4932**	**1.0800e-003**	**2.4942**	**0.2667**	**1.0300e-003**	**0.2678**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/21/2017 1:41 PM

North 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	0.73	0.55	-0.20	0.00	0.95	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -1	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 -2	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 -3	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -4	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -5	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 -6	0.65	-0.00	-0.18	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -7	0.64	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -8	0.64	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Interact Utilities	0.63	0.17	-0.50	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.81	0.62	-0.12	0.00	0.97	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Slope Landscaping	0.63	0.17	-0.50	0.00	0.90	0.89	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
	Diesel	No Change	0	0	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	32	32	No Change	0.00
Excavators	Diesel	Tier 4 Interim	4	4	No Change	0.00
Graders	Diesel	Tier 4 Interim	3	3	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Interim	16	16	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	16	16	No Change	0.00
Rollers	Diesel	Tier 4 Interim	16	16	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	13	13	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	4.54900E-002	4.08670E-001	7.04210E-001	1.12000E-003	1.97800E-002	1.82000E-002	0.00000E+000	9.79895E+001	9.79895E+001	3.16900E-002	0.00000E+000	9.87818E+001
Graders	1.93100E-002	2.50720E-001	7.64000E-002	2.90000E-004	7.95000E-003	7.31000E-003	0.00000E+000	2.53186E+001	2.53186E+001	8.19000E-003	0.00000E+000	2.55233E+001
Other Construction Equipment	4.62000E-003	4.81900E-002	4.46100E-002	7.00000E-005	2.52000E-003	2.32000E-003	0.00000E+000	5.97269E+000	5.97269E+000	1.93000E-003	0.00000E+000	6.02099E+000
Pavers	8.34200E-002	8.14830E-001	1.25815E+000	2.05000E-003	3.83100E-002	3.52400E-002	0.00000E+000	1.80049E+002	1.80049E+002	5.82300E-002	0.00000E+000	1.81505E+002
Paving Equipment	7.41100E-002	6.93030E-001	1.11570E+000	1.78000E-003	3.36600E-002	3.09700E-002	0.00000E+000	1.56024E+002	1.56024E+002	5.04600E-002	0.00000E+000	1.57286E+002
Rollers	6.66900E-002	6.97640E-001	8.07690E-001	1.14000E-003	3.82300E-002	3.51700E-002	0.00000E+000	1.00511E+002	1.00511E+002	3.25100E-002	0.00000E+000	1.01324E+002
Rubber Tired Dozers	5.48300E-002	5.75070E-001	2.15270E-001	4.60000E-004	2.78100E-002	2.55900E-002	0.00000E+000	4.09026E+001	4.09026E+001	1.32300E-002	0.00000E+000	4.12333E+001
Rubber Tired Loaders	3.75900E-002	3.90220E-001	1.97530E-001	8.10000E-004	1.30900E-002	1.20400E-002	0.00000E+000	7.08790E+001	7.08790E+001	2.29200E-002	0.00000E+000	7.14521E+001
Scrapers	7.85500E-002	8.94200E-001	5.96200E-001	1.32000E-003	3.48100E-002	3.20300E-002	0.00000E+000	1.15900E+002	1.15900E+002	3.74800E-002	0.00000E+000	1.16838E+002
Tractors/Loaders/Backhoes	1.78800E-002	1.81170E-001	2.21040E-001	3.00000E-004	1.05000E-002	9.66000E-003	0.00000E+000	2.67577E+001	2.67577E+001	8.65000E-003	0.00000E+000	2.69741E+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	1.37200E-002	4.91760E-001	8.46290E-001	1.12000E-003	1.83000E-003	1.83000E-003	0.00000E+000	9.79894E+001	9.79894E+001	3.16900E-002	0.00000E+000	9.87817E+001
Graders	4.71000E-003	7.58800E-002	1.52940E-001	2.90000E-004	4.70000E-004	4.70000E-004	0.00000E+000	2.53186E+001	2.53186E+001	8.19000E-003	0.00000E+000	2.55233E+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	5.97269E+000	5.97269E+000	1.93000E-003	0.00000E+000	6.02098E+000
Pavers	2.51900E-002	9.02700E-001	1.55348E+000	2.05000E-003	3.36000E-003	3.36000E-003	0.00000E+000	1.80049E+002	1.80049E+002	5.82300E-002	0.00000E+000	1.81505E+002
Paving Equipment	2.19200E-002	7.85640E-001	1.35204E+000	1.78000E-003	2.92000E-003	2.92000E-003	0.00000E+000	1.56024E+002	1.56024E+002	5.04600E-002	0.00000E+000	1.57286E+002
Rollers	2.57100E-002	5.00260E-001	8.64940E-001	1.14000E-003	1.87000E-003	1.87000E-003	0.00000E+000	1.00511E+002	1.00511E+002	3.25100E-002	0.00000E+000	1.01324E+002
Rubber Tired Dozers	7.60000E-003	1.22510E-001	2.46920E-001	4.60000E-004	7.60000E-004	7.60000E-004	0.00000E+000	4.09025E+001	4.09025E+001	1.32300E-002	0.00000E+000	4.12332E+001
Rubber Tired Loaders	1.33000E-002	2.14490E-001	4.32300E-001	8.10000E-004	1.33000E-003	1.33000E-003	0.00000E+000	7.08789E+001	7.08789E+001	2.29200E-002	0.00000E+000	7.14520E+001
Scrapers	2.16200E-002	3.48690E-001	7.02790E-001	1.32000E-003	2.16000E-003	2.16000E-003	0.00000E+000	1.15900E+002	1.15900E+002	3.74800E-002	0.00000E+000	1.16837E+002
Tractors/Loaders/Backhoes	6.82000E-003	1.32750E-001	2.29520E-001	3.00000E-004	5.00000E-004	5.00000E-004	0.00000E+000	2.67577E+001	2.67577E+001	8.65000E-003	0.00000E+000	2.69740E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Excavators	6.98395E-001	-2.03318E-001	-2.01758E-001	0.00000E+000	9.07482E-001	8.99451E-001	0.00000E+000	1.12257E-006	1.12257E-006	0.00000E+000	0.00000E+000	1.21480E-006
Graders	7.56085E-001	6.97352E-001	-1.00183E+000	0.00000E+000	9.40881E-001	9.35705E-001	0.00000E+000	1.18490E-006	1.18490E-006	0.00000E+000	0.00000E+000	1.17539E-006
Other Construction Equipment	8.18182E-001	3.74767E-001	-1.62520E-001	0.00000E+000	9.56349E-001	9.52586E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.66086E-006
Pavers	6.98034E-001	-1.07838E-001	-2.34734E-001	0.00000E+000	9.12294E-001	9.04654E-001	0.00000E+000	1.22189E-006	1.22189E-006	0.00000E+000	0.00000E+000	1.21209E-006
Paving Equipment	7.04223E-001	-1.33631E-001	-2.11831E-001	0.00000E+000	9.13250E-001	9.05715E-001	0.00000E+000	1.21776E-006	1.21776E-006	0.00000E+000	0.00000E+000	1.14441E-006
Rollers	6.14485E-001	2.82925E-001	-7.08812E-002	0.00000E+000	9.51086E-001	9.46830E-001	0.00000E+000	1.09440E-006	1.09440E-006	0.00000E+000	0.00000E+000	1.18432E-006
Rubber Tired Dozers	8.61390E-001	7.86965E-001	-1.47025E-001	0.00000E+000	9.72672E-001	9.70301E-001	0.00000E+000	1.22242E-006	1.22242E-006	0.00000E+000	0.00000E+000	1.21261E-006
Rubber Tired Loaders	6.46182E-001	4.50336E-001	-1.18853E+000	0.00000E+000	8.98396E-001	8.89535E-001	0.00000E+000	1.12868E-006	1.12868E-006	0.00000E+000	0.00000E+000	1.25959E-006
Scrapers	7.24761E-001	6.10054E-001	-1.78782E-001	0.00000E+000	9.37949E-001	9.32563E-001	0.00000E+000	1.20793E-006	1.20793E-006	0.00000E+000	0.00000E+000	1.19825E-006
Tractors/Loaders/Backhoes	6.18568E-001	2.67263E-001	-3.83641E-002	0.00000E+000	9.52381E-001	9.48240E-001	0.00000E+000	1.12117E-006	1.12117E-006	0.00000E+000	0.00000E+000	1.48291E-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	0.75	0.31	0.29	0.12	0.61	0.61
Grading	Roads	2.71	0.27	1.90	0.19	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	0.03	0.00	0.02	0.00	0.29	0.27
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	0.28
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	0.27
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	0.44	0.05	0.32	0.03	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	0.04	0.00	0.03	0.00	0.29	0.28
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	0.27
Interact Utilities	Fugitive Dust	1.17	0.64	0.45	0.25	0.61	0.61
Interact Utilities	Roads	0.13	0.01	0.09	0.01	0.29	0.28
Site Preparation	Fugitive Dust	0.07	0.04	0.03	0.01	0.61	0.61
Site Preparation	Roads	0.02	0.00	0.02	0.00	0.29	0.28
Slope Landscaping	Fugitive Dust	1.17	0.64	0.45	0.25	0.61	0.61
Slope Landscaping	Roads	0.13	0.01	0.09	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)	0.00
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	North 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	9/1/2021	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2026	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	9/1/2021	9/30/2021	5	22
Grading	Grading	10/1/2021	1/31/2022	5	87
Slope Landscaping	Site Preparation	2/1/2022	7/31/2022	5	129
Interact Paving -1	Paving	7/1/2022	7/31/2022	5	21
Interact Paving -2	Paving	11/1/2022	11/30/2022	5	22
Interact Paving -3	Paving	3/1/2023	3/31/2023	5	23
Interact Paving -4	Paving	7/1/2023	7/31/2023	5	21
Interact Paving -5	Paving	11/1/2023	11/30/2023	5	22
Interact Paving -6	Paving	3/1/2023	3/31/2024	5	283
Interact Paving -7	Paving	7/1/2024	7/31/2024	5	23
Interact Paving -8	Paving	11/1/2024	11/30/2024	5	21
Interact Utilities	Site Preparation	2/1/2022	7/31/2022	5	129

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			
Paving	default				

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 (%)**	**Material Silt Content**
Site Prep	default				169	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
Site Preparation									
Grading			3,892			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	98		0					
Utilities			0					
Paving								

Table 11: Architectural Coating
N/A

Tables 12 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: 8/23/2017 2:08 PM

North 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	1,244,556.00	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

Land Use - North Residential total square feet

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

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - 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
tblAreaCoating	Area_Residential_Exterior	840078	0
tblAreaCoating	Area_Residential_Interior	2520234	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
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
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-13
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	11.00	10.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,244,556.00
tblLandUse	LandUseSquareFeet	0.00	1,244,556.00

tblOffRoadEquipment	HorsePower	9.00	97.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	LoadFactor	0.56	0.37
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.37	0.20
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	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P8 Building Construction 2 (mo. 5)

tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 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		P8 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P8 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)

tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P2 Building Construction 1 (mo. 2-4)
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tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
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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
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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
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
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	22.5743	15.3660	17.5452	0.0312	7.8737	0.7655	8.6392	0.8222	0.7365	1.5588	0.0000	2,991.2490	2,991.2490	0.4634	0.0000	3,002.8329
2023	37.5707	18.9217	19.1969	0.0379	9.0559	0.8329	9.8888	0.9472	0.7945	1.7417	0.0000	3,633.8208	3,633.8208	0.6613	0.0000	3,650.3536
2024	37.1167	14.2473	17.4612	0.0312	8.5256	0.6233	9.1489	0.8900	0.5981	1.4880	0.0000	2,985.9465	2,985.9465	0.6056	0.0000	2,997.1903
2025	53.1088	6.2711	9.6392	0.0176	3.7280	0.2285	3.9566	0.3901	0.2213	0.6114	0.0000	1,713.4298	1,713.4298	0.2858	0.0000	1,720.5744
Maximum	**53.1088**	**18.9217**	**19.1969**	**0.0379**	**9.0559**	**0.8329**	**9.8888**	**0.9472**	**0.7945**	**1.7417**	**0.0000**	**3,633.8208**	**3,633.8208**	**0.6613**	**0.0000**	**3,650.3536**

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					
2022	21.4654	11.6662	17.9354	0.0312	5.5744	0.1287	5.7031	0.5928	0.1285	0.7213	0.0000	2,991.2490	2,991.2490	0.4634	0.0000	3,002.8329
2023	36.2773	13.1657	21.4353	0.0379	6.2424	0.1384	6.3808	0.6638	0.1383	0.8021	0.0000	3,633.8208	3,633.8208	0.6613	0.0000	3,650.3536
2024	36.1652	11.4056	17.8844	0.0312	6.0356	0.1276	6.1631	0.6415	0.1274	0.7689	0.0000	2,985.9465	2,985.9465	0.6056	0.0000	2,997.1903
2025	52.7166	6.2875	10.1384	0.0176	2.6402	0.0236	2.6637	0.2816	0.0235	0.3051	0.0000	1,713.4298	1,713.4298	0.2858	0.0000	1,720.5744
Maximum	**52.7166**	**13.1657**	**21.4353**	**0.0379**	**6.2424**	**0.1384**	**6.3808**	**0.6638**	**0.1383**	**0.8021**	**0.0000**	**3,633.8208**	**3,633.8208**	**0.6613**	**0.0000**	**3,650.3536**

	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	**2.49**	**22.41**	**-5.56**	**0.00**	**29.78**	**82.93**	**33.90**	**28.53**	**82.23**	**51.90**	**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	2.4700e-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	**2.4700e-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	2.4700e-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	**2.4700e-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	P1 Site Preparation (mo. 1)	Site Preparation	8/1/2022	8/31/2022	5	23	
2	P1 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2022	11/30/2022	5	65	
3	P1 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
4	P2 Site Preparation (mo. 1)	Site Preparation	12/1/2022	12/31/2022	5	22	
5	P1 Building Construction 2 (mo. 5)	Building Construction	12/1/2022	12/31/2022	5	22	
6	P2 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2023	3/31/2023	5	65	
7	P2 Architectural Coating	Architectural Coating	3/1/2023	4/30/2023	5	43	
8	P3 Site Preparation (mo. 1)	Site Preparation	4/1/2023	4/30/2023	5	20	
9	P2 Building Construction 2 (mo. 5)	Building Construction	4/1/2023	4/30/2023	5	20	
10	P3 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2023	7/31/2023	5	66	
11	P3 Architectural Coating	Architectural Coating	7/1/2023	8/31/2023	5	44	
12	P4 Site Preparation (mo. 1)	Site Preparation	8/1/2023	8/30/2023	5	22	
13	P3 Building Construction 2 (mo. 5)	Building Construction	8/1/2023	8/31/2023	5	23	
14	P4 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2023	11/30/2023	5	65	
15	P4 Architectural Coating	Architectural Coating	11/1/2023	12/31/2023	5	43	

16	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2023	12/31/2023	5	21	
17	P4 Building Construction 2 (mo. 5)	Building Construction	12/1/2023	12/31/2023	5	21	
18	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2024	3/31/2024	5	65	
19	P5 Architectural Coating	Architectural Coating	3/1/2024	4/30/2024	5	43	
20	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2024	4/30/2024	5	22	
21	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2024	4/30/2024	5	22	
22	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2024	7/31/2024	5	66	
23	P6 Architectural Coating	Architectural Coating	7/1/2024	8/31/2024	5	45	
24	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
25	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2024	8/31/2024	5	22	
26	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2024	11/30/2024	5	65	
27	P7 Architectural Coating	Architectural Coating	11/1/2024	12/31/2024	5	43	
28	P8 Site Preparation (mo. 1)	Site Preparation	12/1/2024	12/31/2024	5	22	
29	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
30	P8 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2025	3/31/2025	5	64	
31	P8 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43	
32	P8 Building Construction 2 (mo. 5)	Building Construction	4/1/2025	4/30/2025	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 400,245; Residential Outdoor: 285,890; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
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	97	0.37
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	97	0.37
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	89	0.20
P8 Architectural Coating	Air Compressors	2	8.00	78	0.48
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
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)	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	1	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)	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	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
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
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	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)	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	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)	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	1	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 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

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
P8 Site Preparation (mo. 1)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	4	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

P4 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	3	6.00	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 P1 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221		1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**		**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Mitigated Construction Off-Site

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

3.3 P1 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	0.0119	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	0.1472	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	0.0119	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**

3.4 P1 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	20.8494					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	**21.3948**	**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	0.0149	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					
Archit. Coating	20.8494					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	**20.9947**	**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	0.0149	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 P2 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221		1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**		**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0223	0.0138	0.1388	4.4000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.1000e-004	0.1464		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**2.0119**	**1.1000e-003**	**2.0130**	**0.2138**	**1.0400e-003**	**0.2149**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

3.6 P1 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	0.0119	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					
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	0.0119	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	0.0223	0.0138	0.1388	4.4000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.1000e-004	0.1464		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**2.0119**	**1.1000e-003**	**2.0130**	**0.2138**	**1.0400e-003**	**0.2149**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

3.7 P2 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	0.0212	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					
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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.8 P2 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	28.4458					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	**28.9568**	**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	0.0212	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	28.4458					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	**28.5910**	**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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.9 P3 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824		1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**		**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.10 P2 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	0.0212	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					
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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.11 P3 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	0.0212	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					
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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.12 P3 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	33.0117					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	**33.5228**	**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	0.0212	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	33.0117					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	**33.1570**	**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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.13 P4 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824		1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**		**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.14 P3 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	0.0212	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					
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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.15 P4 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	0.0212	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					
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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.16 P4 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	35.5572					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	**36.0683**	**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	0.0212	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	35.5572					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	**35.7025**	**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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.17 P5 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	0.0212	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					0.2068	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	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.18 P4 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	0.0212	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					
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	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.19 P5 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	0.0202	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					
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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.20 P5 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	35.5572					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	**36.0392**	**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	0.0202	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					
Archit. Coating	35.5572					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	**35.7025**	**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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.21 P6 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572		1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**		**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.22 P5 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	0.0202	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					
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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.23 P6 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	0.0202	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					
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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.24 P6 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	26.6152					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	**27.0972**	**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	0.0202	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					
Archit. Coating	26.6152					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	**26.7605**	**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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.25 P7 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572		1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**		**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.26 P6 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	0.0202	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					
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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.27 P7 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	0.0202	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					
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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.29 P8 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			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**	**0.5303**	**0.5115**	**1.0418**	**0.0573**	**0.4811**	**0.5384**		**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	0.0135	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	0.3553	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**	**0.2068**	**0.0726**	**0.2794**	**0.0223**	**0.0726**	**0.0949**	**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	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
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	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**1.5507**	**5.8000e-004**	**1.5513**	**0.1651**	**5.5000e-004**	**0.1657**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

3.30 P7 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	0.0202	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					
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	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.31 P8 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	0.0129	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					
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	0.6283	3.5000e-004	0.6287	0.0677	3.4000e-004	0.0681		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.9224	2.1000e-004	0.9226	0.0974	1.9000e-004	0.0976		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**1.5507**	**5.6000e-004**	**1.5512**	**0.1651**	**5.3000e-004**	**0.1657**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

3.32 P8 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	52.3876					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	**52.8433**	**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	52.3876					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	**52.5329**	**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	0.6283	3.5000e-004	0.6287	0.0677	3.4000e-004	0.0681		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		13.0601	13.0601	3.1000e-004		13.0679
Total	**0.0150**	**0.2967**	**0.1311**	**1.1300e-003**	**1.0895**	**4.6000e-004**	**1.0900**	**0.1164**	**4.4000e-004**	**0.1169**		**121.3508**	**121.3508**	**7.9100e-003**		**121.5486**

3.33 P8 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	0.1886	2.3454	2.2032	7.3100e-003		0.0597	0.0597		0.0549	0.0549		707.1400	707.1400	0.2287		712.8576
Total	**0.1886**	**2.3454**	**2.2032**	**7.3100e-003**		**0.0597**	**0.0597**		**0.0549**	**0.0549**		**707.1400**	**707.1400**	**0.2287**		**712.8576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					
Off-Road	0.1291	2.1960	4.2335	7.3100e-003		0.0120	0.0120		0.0120	0.0120	0.0000	707.1400	707.1400	0.2287		712.8576
Total	**0.1291**	**2.1960**	**4.2335**	**7.3100e-003**		**0.0120**	**0.0120**		**0.0120**	**0.0120**	**0.0000**	**707.1400**	**707.1400**	**0.2287**		**712.8576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.6283	3.5000e-004	0.6287	0.0677	3.4000e-004	0.0681		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.9224	2.1000e-004	0.9226	0.0974	1.9000e-004	0.0976		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**1.5507**	**5.6000e-004**	**1.5512**	**0.1651**	**5.3000e-004**	**0.1657**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/23/2017 2:11 PM

North 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	1,244,556.00	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

Land Use - North Residential total square feet

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

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - 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
tblAreaCoating	Area_Residential_Exterior	840078	0
tblAreaCoating	Area_Residential_Interior	2520234	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
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
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-13
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	11.00	10.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,244,556.00
tblLandUse	LandUseSquareFeet	0.00	1,244,556.00

tblOffRoadEquipment	HorsePower	9.00	97.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	65.00	89.00
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tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P8 Building Construction 2 (mo. 5)

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tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P8 Building Construction 1 (mo. 2-4)
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tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)

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tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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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	22.5653	15.3659	17.5363	0.0313	7.8737	0.7654	8.6392	0.8222	0.7364	1.5587	0.0000	3,007.9478	3,007.9478	0.4621	0.0000	3,019.4998
2023	37.5614	18.9216	19.1970	0.0380	9.0559	0.8329	9.8888	0.9472	0.7945	1.7417	0.0000	3,650.8288	3,650.8288	0.6603	0.0000	3,667.3365
2024	37.1077	14.2479	17.4610	0.0313	8.5256	0.6232	9.1489	0.8900	0.5981	1.4880	0.0000	3,002.5060	3,002.5060	0.6050	0.0000	3,013.7255
2025	53.1054	6.2726	9.6307	0.0177	3.7280	0.2285	3.9565	0.3901	0.2212	0.6114	0.0000	1,721.6292	1,721.6292	0.2851	0.0000	1,728.7568
Maximum	**53.1054**	**18.9216**	**19.1970**	**0.0380**	**9.0559**	**0.8329**	**9.8888**	**0.9472**	**0.7945**	**1.7417**	**0.0000**	**3,650.8288**	**3,650.8288**	**0.6603**	**0.0000**	**3,667.3365**

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	21.4564	11.6661	17.9265	0.0313	5.5744	0.1286	5.7030	0.5928	0.1284	0.7212	0.0000	3,007.9478	3,007.9478	0.4621	0.0000	3,019.4998
2023	36.2681	13.1657	21.4353	0.0380	6.2424	0.1384	6.3807	0.6638	0.1382	0.8021	0.0000	3,650.8288	3,650.8288	0.6603	0.0000	3,667.3365
2024	36.1562	11.4058	17.8843	0.0313	6.0356	0.1275	6.1631	0.6415	0.1274	0.7689	0.0000	3,002.5060	3,002.5060	0.6050	0.0000	3,013.7255
2025	52.7132	6.2890	10.1299	0.0177	2.6402	0.0235	2.6637	0.2816	0.0235	0.3050	0.0000	1,721.6292	1,721.6292	0.2851	0.0000	1,728.7568
Maximum	**52.7132**	**13.1657**	**21.4353**	**0.0380**	**6.2424**	**0.1384**	**6.3807**	**0.6638**	**0.1382**	**0.8021**	**0.0000**	**3,650.8288**	**3,650.8288**	**0.6603**	**0.0000**	**3,667.3365**

	ROG	**NOx**	**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	**2.49**	**22.41**	**-5.56**	**0.00**	**29.78**	**82.94**	**33.90**	**28.53**	**82.23**	**51.90**	**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	2.4700e-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	**2.4700e-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	2.4700e-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	**2.4700e-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	P1 Site Preparation (mo. 1)	Site Preparation	8/1/2022	8/31/2022	5	23	
2	P1 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2022	11/30/2022	5	65	
3	P1 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
4	P2 Site Preparation (mo. 1)	Site Preparation	12/1/2022	12/31/2022	5	22	
5	P1 Building Construction 2 (mo. 5)	Building Construction	12/1/2022	12/31/2022	5	22	
6	P2 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2023	3/31/2023	5	65	
7	P2 Architectural Coating	Architectural Coating	3/1/2023	4/30/2023	5	43	
8	P3 Site Preparation (mo. 1)	Site Preparation	4/1/2023	4/30/2023	5	20	
9	P2 Building Construction 2 (mo. 5)	Building Construction	4/1/2023	4/30/2023	5	20	
10	P3 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2023	7/31/2023	5	66	
11	P3 Architectural Coating	Architectural Coating	7/1/2023	8/31/2023	5	44	
12	P4 Site Preparation (mo. 1)	Site Preparation	8/1/2023	8/30/2023	5	22	
13	P3 Building Construction 2 (mo. 5)	Building Construction	8/1/2023	8/31/2023	5	23	
14	P4 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2023	11/30/2023	5	65	
15	P4 Architectural Coating	Architectural Coating	11/1/2023	12/31/2023	5	43	
16	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2023	12/31/2023	5	21	
17	P4 Building Construction 2 (mo. 5)	Building Construction	12/1/2023	12/31/2023	5	21	

18	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2024	3/31/2024	5	65	
19	P5 Architectural Coating	Architectural Coating	3/1/2024	4/30/2024	5	43	
20	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2024	4/30/2024	5	22	
21	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2024	4/30/2024	5	22	
22	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2024	7/31/2024	5	66	
23	P6 Architectural Coating	Architectural Coating	7/1/2024	8/31/2024	5	45	
24	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
25	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2024	8/31/2024	5	22	
26	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2024	11/30/2024	5	65	
27	P7 Architectural Coating	Architectural Coating	11/1/2024	12/31/2024	5	43	
28	P8 Site Preparation (mo. 1)	Site Preparation	12/1/2024	12/31/2024	5	22	
29	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
30	P8 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2025	3/31/2025	5	64	
31	P8 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43	
32	P8 Building Construction 2 (mo. 5)	Building Construction	4/1/2025	4/30/2025	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 400,245; Residential Outdoor: 285,890; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
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	97	0.37
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	97	0.37
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	89	0.20
P8 Architectural Coating	Air Compressors	2	8.00	78	0.48
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
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)	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	1	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)	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	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
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
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	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)	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	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)	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	1	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 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

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
P8 Site Preparation (mo. 1)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	4	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

P5 Site Preparation (mo. 1)	5	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	3	6.00	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 P1 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221		1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**		**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0131	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	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.3 P1 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	0.0113	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	0.1472	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	0.0113	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	0.0131	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	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.4 P1 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	20.8494					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	**21.3948**	**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	0.0131	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					
Archit. Coating	20.8494					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	**20.9947**	**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	0.0131	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	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.5 P2 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221		1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**		**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0196	0.0123	0.1480	4.7000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.1000e-004	0.1464		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**2.0119**	**1.0700e-003**	**2.0129**	**0.2138**	**1.0100e-003**	**0.2148**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

3.6 P1 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	0.0113	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					
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	0.0113	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	0.0196	0.0123	0.1480	4.7000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.1000e-004	0.1464		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**2.0119**	**1.0700e-003**	**2.0129**	**0.2138**	**1.0100e-003**	**0.2148**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

3.7 P2 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	0.0186	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					
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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.8 P2 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	28.4458					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	**28.9568**	**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	0.0186	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	28.4458					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	**28.5910**	**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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.9 P3 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824		1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**		**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.10 P2 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	0.0186	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					
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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.11 P3 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	0.0186	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					
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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.12 P3 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	33.0117					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	**33.5228**	**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	0.0186	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	33.0117					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	**33.1570**	**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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.13 P4 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824		1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**		**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.14 P3 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	0.0186	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					
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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.15 P4 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	0.0186	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					
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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.16 P4 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	35.5572					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	**36.0683**	**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	0.0186	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	35.5572					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	**35.7025**	**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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.17 P5 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	0.0186	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					0.2068	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	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.18 P4 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	0.0186	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					
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	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.19 P5 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	0.0176	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					
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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.20 P5 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	35.5572					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	**36.0392**	**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	0.0176	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					
Archit. Coating	35.5572					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	**35.7025**	**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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.21 P6 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572		1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**		**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.22 P5 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	0.0176	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					
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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.23 P6 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	0.0176	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					
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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.24 P6 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	26.6152					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	**27.0972**	**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	0.0176	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					
Archit. Coating	26.6152					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	**26.7605**	**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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.25 P7 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572		1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**		**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2472	4.9803	8.1708	0.0127		0.0618	0.0618		0.0618	0.0618	0.0000	1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.2472**	**4.9803**	**8.1708**	**0.0127**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**0.0618**	**0.0618**	**0.0000**	**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.26 P6 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	0.0176	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					
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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.27 P7 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	0.0176	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					
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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.29 P8 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			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**	**0.5303**	**0.5115**	**1.0418**	**0.0573**	**0.4811**	**0.5384**		**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	0.0118	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	0.3553	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**	**0.2068**	**0.0726**	**0.2794**	**0.0223**	**0.0726**	**0.0949**	**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	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**1.5507**	**5.6000e-004**	**1.5512**	**0.1651**	**5.3000e-004**	**0.1657**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

3.30 P7 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	0.0176	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					
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	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.31 P8 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	0.0112	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					
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	0.6283	3.4000e-004	0.6287	0.0677	3.2000e-004	0.0681		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.9224	2.1000e-004	0.9226	0.0974	1.9000e-004	0.0976		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**1.5507**	**5.5000e-004**	**1.5512**	**0.1651**	**5.1000e-004**	**0.1657**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

3.32 P8 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	52.3876					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	**52.8433**	**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	52.3876					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	**52.5329**	**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	0.6283	3.4000e-004	0.6287	0.0677	3.2000e-004	0.0681		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		13.9102	13.9102	3.3000e-004		13.9185
Total	**0.0137**	**0.2977**	**0.1256**	**1.1700e-003**	**1.0895**	**4.5000e-004**	**1.0899**	**0.1164**	**4.2000e-004**	**0.1169**		**125.0254**	**125.0254**	**7.5600e-003**		**125.2145**

3.33 P8 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	0.1886	2.3454	2.2032	7.3100e-003		0.0597	0.0597		0.0549	0.0549		707.1400	707.1400	0.2287		712.8576
Total	**0.1886**	**2.3454**	**2.2032**	**7.3100e-003**		**0.0597**	**0.0597**		**0.0549**	**0.0549**		**707.1400**	**707.1400**	**0.2287**		**712.8576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					
Off-Road	0.1291	2.1960	4.2335	7.3100e-003		0.0120	0.0120		0.0120	0.0120	0.0000	707.1400	707.1400	0.2287		712.8576
Total	**0.1291**	**2.1960**	**4.2335**	**7.3100e-003**		**0.0120**	**0.0120**		**0.0120**	**0.0120**	**0.0000**	**707.1400**	**707.1400**	**0.2287**		**712.8576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.6283	3.4000e-004	0.6287	0.0677	3.2000e-004	0.0681		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.9224	2.1000e-004	0.9226	0.0974	1.9000e-004	0.0976		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**1.5507**	**5.5000e-004**	**1.5512**	**0.1651**	**5.1000e-004**	**0.1657**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/23/2017 2:16 PM

North 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	0.02	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.43	0.08	-0.09	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.41	0.03	-0.05	0.00	0.47	0.43	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.69	0.33	-0.02	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P2 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
P2 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P2 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
P2 Site Preparation (mo. 1)	0.68	0.33	-0.02	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P3 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
P3 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P3 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
P3 Site Preparation (mo. 1)	0.67	0.30	-0.02	0.00	0.85	0.84	0.00	0.00	0.00	0.00	0.00	0.00
P4 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
P4 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P4 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
P4 Site Preparation (mo. 1)	0.67	0.30	-0.02	0.00	0.85	0.84	0.00	0.00	0.00	0.00	0.00	0.00
P5 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
P5 Building Construction 1 (mo. 2-4)	0.36	-0.02	-0.09	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.38	-0.04	-0.05	0.00	0.36	0.31	0.00	0.00	0.00	0.00	0.00	0.00
P5 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
P6 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
P6 Building Construction 1 (mo. 2-4)	0.36	-0.02	-0.09	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.38	-0.04	-0.05	0.00	0.36	0.31	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	0.66	0.27	-0.02	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.36	-0.02	-0.09	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.38	-0.04	-0.05	0.00	0.36	0.31	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.66	0.27	-0.02	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P8 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
P8 Building Construction 1 (mo. 2-4)	0.33	-0.08	-0.09	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	0.29	0.06	-0.86	0.00	0.80	0.78	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	0.67	0.38	-0.21	0.00	0.86	0.85	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	16	16	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	16	16	No Change	0.00
Graders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Pumps	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	16	16	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	16	16	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	8	8	No Change	0.00
Trenchers	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	7.62300E-002	5.17160E-001	7.36440E-001	1.21000E-003	2.71700E-002	2.71700E-002	0.00000E+000	1.03832E+002	1.03832E+002	6.11000E-003	0.00000E+000	1.03985E+002
Cement and Mortar Mixers	9.58000E-003	6.00100E-002	5.02700E-002	1.20000E-004	2.33000E-003	2.33000E-003	0.00000E+000	7.46990E+000	7.46990E+000	7.80000E-004	0.00000E+000	7.48929E+000
Graders	7.93000E-003	9.45700E-002	3.59900E-002	1.40000E-004	3.07000E-003	2.82000E-003	0.00000E+000	1.24961E+001	1.24961E+001	4.04000E-003	0.00000E+000	1.25971E+001
Pumps	2.83400E-002	2.38600E-001	3.24070E-001	5.70000E-004	1.16200E-002	1.16200E-002	0.00000E+000	4.91731E+001	4.91731E+001	2.28000E-003	0.00000E+000	4.92302E+001
Rough Terrain Forklifts	3.67200E-002	4.83640E-001	7.82900E-001	1.22000E-003	1.50900E-002	1.38800E-002	0.00000E+000	1.07463E+002	1.07463E+002	3.47600E-002	0.00000E+000	1.08332E+002
Skid Steer Loaders	1.10600E-002	1.47010E-001	2.37050E-001	3.50000E-004	4.96000E-003	4.57000E-003	0.00000E+000	3.11287E+001	3.11287E+001	1.00700E-002	0.00000E+000	3.13804E+001
Tractors/Loaders/Backhoes	3.85200E-002	3.89610E-001	5.81840E-001	8.10000E-004	1.86000E-002	1.71100E-002	0.00000E+000	7.12899E+001	7.12899E+001	2.30600E-002	0.00000E+000	7.18663E+001
Trenchers	3.03300E-002	2.82150E-001	2.25670E-001	2.90000E-004	1.96700E-002	1.80900E-002	0.00000E+000	2.58180E+001	2.58180E+001	8.35000E-003	0.00000E+000	2.60267E+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	2.21500E-002	4.31000E-001	7.45180E-001	1.21000E-003	1.61000E-003	1.61000E-003	0.00000E+000	1.03832E+002	1.03832E+002	6.11000E-003	0.00000E+000	1.03985E+002
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	1.20000E-004	0.00000E+000	0.00000E+000	0.00000E+000	7.46990E+000	7.46990E+000	7.80000E-004	0.00000E+000	7.48928E+000
Graders	2.33000E-003	3.75000E-002	7.55900E-002	1.40000E-004	2.30000E-004	2.30000E-004	0.00000E+000	1.24961E+001	1.24961E+001	4.04000E-003	0.00000E+000	1.25971E+001
Pumps	1.04900E-002	2.04110E-001	3.52900E-001	5.70000E-004	7.60000E-004	7.60000E-004	0.00000E+000	4.91730E+001	4.91730E+001	2.28000E-003	0.00000E+000	4.92301E+001
Rough Terrain Forklifts	2.71500E-002	5.24790E-001	9.12150E-001	1.22000E-003	2.00000E-003	2.00000E-003	0.00000E+000	1.07463E+002	1.07463E+002	3.47600E-002	0.00000E+000	1.08332E+002
Skid Steer Loaders	8.68000E-003	1.96830E-001	2.68590E-001	3.50000E-004	7.77000E-003	7.77000E-003	0.00000E+000	3.11287E+001	3.11287E+001	1.00700E-002	0.00000E+000	3.13804E+001
Tractors/Loaders/Backhoes	1.81400E-002	3.52870E-001	6.10110E-001	8.10000E-004	1.32000E-003	1.32000E-003	0.00000E+000	7.12898E+001	7.12898E+001	2.30600E-002	0.00000E+000	7.18663E+001
Trenchers	6.58000E-003	1.28060E-001	2.21420E-001	2.90000E-004	4.80000E-004	4.80000E-004	0.00000E+000	2.58179E+001	2.58179E+001	8.35000E-003	0.00000E+000	2.60267E+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	7.09432E-001	1.66602E-001	-1.18679E-002	0.00000E+000	9.40743E-001	9.40743E-001	0.00000E+000	1.15571E-006	1.15571E-006	0.00000E+000	0.00000E+000	1.15401E-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	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.33524E-006
Graders	7.06179E-001	6.03468E-001	-1.10031E+000	0.00000E+000	9.25081E-001	9.18440E-001	0.00000E+000	8.00252E-007	8.00252E-007	0.00000E+000	0.00000E+000	1.58767E-006
Pumps	6.29852E-001	1.44552E-001	-8.89623E-002	0.00000E+000	9.34596E-001	9.34596E-001	0.00000E+000	1.22018E-006	1.22018E-006	0.00000E+000	0.00000E+000	1.21877E-006
Rough Terrain Forklifts	2.60621E-001	-8.50839E-002	-1.65091E-001	0.00000E+000	8.67462E-001	8.55908E-001	0.00000E+000	1.20972E-006	1.20972E-006	0.00000E+000	0.00000E+000	1.20002E-006
Skid Steer Loaders	2.15190E-001	-3.38889E-001	-1.33052E-001	0.00000E+000	-5.66532E-001	-7.00219E-001	0.00000E+000	1.28499E-006	1.28499E-006	0.00000E+000	0.00000E+000	1.27468E-006
Tractors/Loaders/Backhoes	5.29076E-001	9.42994E-002	-4.85872E-002	0.00000E+000	9.29032E-001	9.22852E-001	0.00000E+000	1.12218E-006	1.12218E-006	0.00000E+000	0.00000E+000	1.25232E-006
Trenchers	7.83053E-001	5.46128E-001	1.88328E-002	0.00000E+000	9.75597E-001	9.73466E-001	0.00000E+000	1.16198E-006	1.16198E-006	0.00000E+000	0.00000E+000	1.15266E-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	0.04	0.00	0.03	0.00	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	0.06	0.01	0.05	0.00	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	0.03	0.00	0.02	0.00	0.29	0.28
P1 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	Roads	0.02	0.00	0.02	0.00	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	0.05	0.01	0.04	0.00	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	0.08	0.01	0.06	0.01	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	0.03	0.00	0.02	0.00	0.29	0.28
P2 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	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	0.06	0.01	0.04	0.00	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	0.08	0.01	0.06	0.01	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	0.03	0.00	0.02	0.00	0.29	0.28
P3 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	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	0.05	0.01	0.04	0.00	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	0.08	0.01	0.06	0.01	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	0.03	0.00	0.02	0.00	0.29	0.28
P4 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	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	0.05	0.01	0.04	0.00	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	0.08	0.01	0.06	0.01	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	0.03	0.00	0.02	0.00	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	0.03	0.00	0.02	0.00	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	0.06	0.01	0.04	0.00	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	0.08	0.01	0.06	0.01	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	0.03	0.00	0.02	0.00	0.29	0.28
P6 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	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	0.08	0.01	0.06	0.01	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	0.03	0.00	0.02	0.00	0.29	0.28
P7 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	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	0.03	0.00	0.02	0.00	0.29	0.27
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	0.06	0.01	0.04	0.00	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	0.02	0.00	0.02	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	0.02	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 Selected	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	North 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	2022/08/01	2022/08/31	5	23
P1 Building Construction 1 (mo. 2-4)	Building Construction	2022/09/01	2022/11/30	5	65
P1 Architectural Coating	Architectural Coating	2022/11/01	2022/12/31	5	44
P1 Building Construction 2 (mo. 5)	Building Construction	2022/12/01	2022/12/31	5	22
P2 Site Preparation (mo. 1)	Site Preparation	2022/12/01	2022/12/31	5	22
P2 Building Construction 1 (mo. 2-4)	Building Construction	2023/01/01	2023/03/31	5	65
P2 Architectural Coating	Architectural Coating	2023/03/01	2023/04/30	5	43
P2 Building Construction 2 (mo. 5)	Building Construction	2023/04/01	2023/04/30	5	20
P3 Site Preparation (mo. 1)	Site Preparation	2023/04/01	2023/04/30	5	20
P3 Building Construction 1 (mo. 2-4)	Building Construction	2023/05/01	2023/07/31	5	66
P3 Architectural Coating	Architectural Coating	2023/07/01	2023/08/31	5	44
P4 Site Preparation (mo. 1)	Site Preparation	2023/08/01	2023/08/30	5	22
P3 Building Construction 2 (mo. 5)	Building Construction	2023/08/01	2023/08/31	5	23
P4 Building Construction 1 (mo. 2-4)	Building Construction	2023/09/01	2023/11/30	5	65
P4 Architectural Coating	Architectural Coating	2023/11/01	2023/12/31	5	43
P4 Building Construction 2 (mo. 5)	Building Construction	2023/12/01	2023/12/31	5	21
P5 Site Preparation (mo. 1)	Site Preparation	2023/12/01	2023/12/31	5	21
P5 Building Construction 1 (mo. 2-4)	Building Construction	2024/01/01	2024/03/31	5	65
P5 Architectural Coating	Architectural Coating	2024/03/01	2024/04/30	5	43
P5 Building Construction 2 (mo. 5)	Building Construction	2024/04/01	2024/04/30	5	22
P6 Site Preparation (mo. 1)	Site Preparation	2024/04/01	2024/04/30	5	22
P6 Building Construction 1 (mo. 2-4)	Building Construction	2024/05/01	2024/07/31	5	66
P6 Architectural Coating	Architectural Coating	2024/07/01	2024/08/31	5	45
P6 Building Construction 2 (mo. 5)	Building Construction	2024/08/01	2024/08/31	5	22
P7 Site Preparation (mo. 1)	Site Preparation	2024/08/01	2024/08/31	5	22
P7 Building Construction 1 (mo. 2-4)	Building Construction	2024/09/01	2024/11/30	5	65
P7 Architectural Coating	Architectural Coating	2024/11/01	2024/12/31	5	43
P7 Building Construction 2 (mo. 5)	Building Construction	2024/12/01	2024/12/31	5	22
P8 Site Preparation (mo. 1)	Site Preparation	2024/12/01	2024/12/31	5	22
P8 Building Construction 1 (mo. 2-4)	Building Construction	2025/01/01	2025/03/31	5	64
P8 Architectural Coating	Architectural Coating	2025/03/01	2025/04/30	5	43
P8 Building Construction 2 (mo. 5)	Building Construction	2025/04/01	2025/04/30	5	22

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 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									

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 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	237,508	100	79,169	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	316,678	100	105,559	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	376,055	100	125,352	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	395,847	100	131,949	N/A	0	N/A	0	N/A	
P5 Architectural Coating	50	395,847	100	131,949	N/A	0	N/A	0	N/A	
P6 Architectural Coating	50	310,080	100	103,360	N/A	0	N/A	0	N/A	
P7 Architectural Coating	50	316,678	100	105,559	N/A	0	N/A	0	N/A	
P8 Architectural Coating	50	400,245	100	285,890	N/A	0	N/A	0	N/A	

Tables 12 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: 8/21/2017 3:12 PM

North 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	0.00	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

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 analysis only

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

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	450.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	2,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	630.00
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
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	19.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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
tblConsumerProducts	ROG_EF	2.14E-05	1E-08
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-11
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-13
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	1.50	0.00
tblGrading	AcresOfGrading	1.50	0.00
tblGrading	AcresOfGrading	3.00	1.00
tblGrading	AcresOfGrading	0.00	10.50
tblGrading	AcresOfGrading	0.00	10.50
tblGrading	AcresOfGrading	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
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	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Swim Club North - Grading
tblOffRoadEquipment	PhaseName		Park 3- Grading
tblOffRoadEquipment	PhaseName		Swim Club North - Grading
tblOffRoadEquipment	PhaseName		Park 3- Grading
tblOffRoadEquipment	PhaseName		Park 3- Paving
tblOffRoadEquipment	PhaseName		Park 3- Site Preparation
tblOffRoadEquipment	PhaseName		Park 3- Landscaping
tblOffRoadEquipment	PhaseName		Private Parks North Landscaping
tblOffRoadEquipment	PhaseName		Swim Club North - Landscaping
tblOffRoadEquipment	PhaseName		Park 3- Building Construction
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	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	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
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	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	2024
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	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	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00

tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	5.00	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					
2023	4.5042	48.2713	32.8741	0.0738	27.4182	2.0234	29.4415	10.9094	1.8615	12.7709	0.0000	7,177.1143	7,177.1143	2.2238	0.0000	7,232.7081
Maximum	**4.5042**	**48.2713**	**32.8741**	**0.0738**	**27.4182**	**2.0234**	**29.4415**	**10.9094**	**1.8615**	**12.7709**	**0.0000**	**7,177.1143**	**7,177.1143**	**2.2238**	**0.0000**	**7,232.7081**

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	1.3887	23.4589	43.5023	0.0738	11.1357	0.3670	11.2523	4.3209	0.3669	4.4374	0.0000	7,177.1143	7,177.1143	2.2238	0.0000	7,232.7081
Maximum	**1.3887**	**23.4589**	**43.5023**	**0.0738**	**11.1357**	**0.3670**	**11.2523**	**4.3209**	**0.3669**	**4.4374**	**0.0000**	**7,177.1143**	**7,177.1143**	**2.2238**	**0.0000**	**7,232.7081**

	ROG	**NOx**	**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	**69.17**	**51.40**	**-32.33**	**0.00**	**59.39**	**81.86**	**61.78**	**60.39**	**80.29**	**65.25**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	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	Swim Club North - Site Prep	Site Preparation	6/1/2023	6/2/2023	5	2	
2	Park 3- Site Preparation	Site Preparation	6/1/2023	6/2/2023	5	2	
3	Swim Club North - Grading	Grading	6/3/2023	6/7/2023	5	3	
4	Park 3- Grading	Grading	6/3/2023	6/7/2023	5	3	
5	Swim Club North - Building Construction	Building Construction	6/8/2023	10/3/2023	5	84	
6	Park 3- Building Construction	Building Construction	6/8/2023	10/3/2023	5	84	
7	Swim Club North - Architectural Coating	Architectural Coating	8/1/2023	8/31/2023	5	23	
8	Park 3 - Architectural Coating	Architectural Coating	8/1/2023	8/31/2023	5	23	
9	Swim Club North - Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
10	Park 3- Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
11	Private Parks North Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
12	Park 3- Paving	Paving	11/1/2023	11/30/2023	5	22	

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: 2,250; Non-Residential Outdoor: 450; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Park 3 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 3- Building Construction	Forklifts	1	8.00	89	0.20
Park 3- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 3- Building Construction	Welders	1	8.00	46	0.45
Park 3- Grading	Excavators	1	8.00	158	0.38
Park 3- Grading	Graders	1	8.00	187	0.41
Park 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park 3- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 3- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 3- Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Park 3- Paving	Pavers	1	8.00	130	0.42
Park 3- Paving	Paving Equipment	2	8.00	132	0.36
Park 3- Paving	Rollers	2	8.00	80	0.38
Park 3- Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 3- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 3- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Private Parks North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club North - Architectural Coating	Air Compressors	1	8.00	78	0.48
Swim Club North - Building Construction	Cranes	1	8.00	231	0.29
Swim Club North - Building Construction	Forklifts	2	8.00	89	0.20
Swim Club North - Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club North - Grading	Excavators	1	8.00	158	0.38
Swim Club North - Grading	Graders	1	8.00	187	0.41
Swim Club North - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club North - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Swim Club North - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club North - Site Prep	Graders	3	8.00	187	0.41
Swim Club North - Site Prep	Tractors/Loaders/Backhoes	4	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
Swim Club North - Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Site Preparation	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Building Construction	5	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Building Construction	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3 - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Private Parks North Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Paving	8	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 Swim Club North - 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.7558	20.1018	14.0032	0.0323		0.7555	0.7555		0.6951	0.6951		3,128.8715	3,128.8715	1.0119		3,154.1700
Total	**1.7558**	**20.1018**	**14.0032**	**0.0323**	**0.5303**	**0.7555**	**1.2858**	**0.0573**	**0.6951**	**0.7523**		**3,128.8715**	**3,128.8715**	**1.0119**		**3,154.1700**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.6031	10.6515	19.9156	0.0323		0.0527	0.0527		0.0527	0.0527	0.0000	3,128.8715	3,128.8715	1.0119		3,154.1700
Total	**0.6031**	**10.6515**	**19.9156**	**0.0323**	**0.2068**	**0.0527**	**0.2595**	**0.0223**	**0.0527**	**0.0750**	**0.0000**	**3,128.8715**	**3,128.8715**	**1.0119**		**3,154.1700**

Mitigated Construction Off-Site

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

3.3 Park 3- Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			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**	**18.5965**	**1.2660**	**19.8625**	**9.9879**	**1.1647**	**11.1527**		**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					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			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**	**7.2526**	**0.0621**	**7.3147**	**3.8953**	**0.0621**	**3.9574**	**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**

3.4 Swim Club North - Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**6.0221**	**0.7749**	**6.7970**	**3.3102**	**0.7129**	**4.0232**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0282	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	**0.0374**	**0.3185**	**0.2704**	**1.5900e-003**	**3.4938**	**8.2000e-004**	**3.4946**	**0.3644**	**7.6000e-004**	**0.3651**		**166.2994**	**166.2994**	**9.2600e-003**		**166.5310**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.5200	10.3327	18.9906	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**0.5200**	**10.3327**	**18.9906**	**0.0297**	**2.3486**	**0.0484**	**2.3970**	**1.2910**	**0.0484**	**1.3394**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0282	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	**0.0374**	**0.3185**	**0.2704**	**1.5900e-003**	**1.5495**	**8.2000e-004**	**1.5503**	**0.1702**	**7.6000e-004**	**0.1709**		**166.2994**	**166.2994**	**9.2600e-003**		**166.5310**

3.5 Park 3- Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**6.0221**	**0.7749**	**6.7970**	**3.3102**	**0.7129**	**4.0232**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0282	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	**0.0374**	**0.3185**	**0.2704**	**1.5900e-003**	**3.4938**	**8.2000e-004**	**3.4946**	**0.3644**	**7.6000e-004**	**0.3651**		**166.2994**	**166.2994**	**9.2600e-003**		**166.5310**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.5200	10.3327	18.9906	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**0.5200**	**10.3327**	**18.9906**	**0.0297**	**2.3486**	**0.0484**	**2.3970**	**1.2910**	**0.0484**	**1.3394**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0282	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	**0.0374**	**0.3185**	**0.2704**	**1.5900e-003**	**1.5495**	**8.2000e-004**	**1.5503**	**0.1702**	**7.6000e-004**	**0.1709**		**166.2994**	**166.2994**	**9.2600e-003**		**166.5310**

3.6 Swim Club North - 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	0.8592	8.8062	8.5866	0.0151		0.4296	0.4296		0.3952	0.3952		1,458.0339	1,458.0339	0.4716		1,469.8228
Total	**0.8592**	**8.8062**	**8.5866**	**0.0151**		**0.4296**	**0.4296**		**0.3952**	**0.3952**		**1,458.0339**	**1,458.0339**	**0.4716**		**1,469.8228**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					
Off-Road	0.3028	5.5770	10.0792	0.0151		0.0246	0.0246		0.0246	0.0246	0.0000	1,458.0339	1,458.0339	0.4716		1,469.8228
Total	**0.3028**	**5.5770**	**10.0792**	**0.0151**		**0.0246**	**0.0246**		**0.0246**	**0.0246**	**0.0000**	**1,458.0339**	**1,458.0339**	**0.4716**		**1,469.8228**

Mitigated Construction Off-Site

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

3.7 Park 3- 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	0.5084	3.9159	5.0540	7.2000e-003		0.1902	0.1902		0.1794	0.1794		657.0851	657.0851	0.1681		661.2862
Total	**0.5084**	**3.9159**	**5.0540**	**7.2000e-003**		**0.1902**	**0.1902**		**0.1794**	**0.1794**		**657.0851**	**657.0851**	**0.1681**		**661.2862**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					
Off-Road	0.1480	3.6876	5.0005	7.2000e-003		0.0543	0.0543		0.0543	0.0543	0.0000	657.0851	657.0851	0.1681		661.2862
Total	**0.1480**	**3.6876**	**5.0005**	**7.2000e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**657.0851**	**657.0851**	**0.1681**		**661.2862**

Mitigated Construction Off-Site

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

3.8 Swim Club North - 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	0.3174					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	**0.5730**	**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	0.3174					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	**0.3900**	**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**

3.9 Park 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	0.1058					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	**0.3614**	**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	0.1058					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	**0.1784**	**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**

3.10 Swim Club North - 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**

3.11 Park 3- 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			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**	**0.5062**	**0.0585**	**0.5647**	**0.0547**	**0.0538**	**0.1085**		**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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			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**	**0.1974**	**0.0950**	**0.2924**	**0.0213**	**0.0950**	**0.1163**	**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**

3.12 Private Parks North 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			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**	**0.5062**	**0.0585**	**0.5647**	**0.0547**	**0.0538**	**0.1085**		**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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			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**	**0.1974**	**0.0950**	**0.2924**	**0.0213**	**0.0950**	**0.1163**	**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**

3.13 Park 3- 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	1.1097	10.5809	14.5491	0.0226		0.5261	0.5261		0.4863	0.4863		2,154.9759	2,154.9759	0.6748		2,171.8453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1097**	**10.5809**	**14.5491**	**0.0226**		**0.5261**	**0.5261**		**0.4863**	**0.4863**		**2,154.9759**	**2,154.9759**	**0.6748**		**2,171.8453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.3459	9.3237	16.0747	0.0226		0.0348	0.0348		0.0348	0.0348	0.0000	2,154.9759	2,154.9759	0.6748		2,171.8453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3459**	**9.3237**	**16.0747**	**0.0226**		**0.0348**	**0.0348**		**0.0348**	**0.0348**	**0.0000**	**2,154.9759**	**2,154.9759**	**0.6748**		**2,171.8453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0141	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	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**1.5648**	**1.1600e-003**	**1.5660**	**0.1739**	**1.1000e-003**	**0.1750**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/21/2017 3:10 PM

North Village Non-Residential -LEA - San Diego County, Summer

North 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	0.00	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

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 analysis only

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

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	450.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	2,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	630.00
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
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	19.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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
tblConsumerProducts	ROG_EF	2.14E-05	1E-08
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-11
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-13
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	1.50	0.00
tblGrading	AcresOfGrading	1.50	0.00
tblGrading	AcresOfGrading	3.00	1.00
tblGrading	AcresOfGrading	0.00	10.50
tblGrading	AcresOfGrading	0.00	10.50
tblGrading	AcresOfGrading	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
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	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Swim Club North - Grading
tblOffRoadEquipment	PhaseName		Park 3- Grading
tblOffRoadEquipment	PhaseName		Swim Club North - Grading
tblOffRoadEquipment	PhaseName		Park 3- Grading
tblOffRoadEquipment	PhaseName		Park 3- Paving
tblOffRoadEquipment	PhaseName		Park 3- Site Preparation
tblOffRoadEquipment	PhaseName		Park 3- Landscaping
tblOffRoadEquipment	PhaseName		Private Parks North Landscaping
tblOffRoadEquipment	PhaseName		Swim Club North - Landscaping
tblOffRoadEquipment	PhaseName		Park 3- Building Construction
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	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	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
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	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	2024
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	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	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00

tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	5.00	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					
2023	4.4945	48.2695	32.8858	0.0740	27.4182	2.0233	29.4415	10.9094	1.8615	12.7709	0.0000	7,192.1466	7,192.1466	2.2232	0.0000	7,247.7259
Maximum	**4.4945**	**48.2695**	**32.8858**	**0.0740**	**27.4182**	**2.0233**	**29.4415**	**10.9094**	**1.8615**	**12.7709**	**0.0000**	**7,192.1466**	**7,192.1466**	**2.2232**	**0.0000**	**7,247.7259**

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	1.3790	23.4570	43.5140	0.0740	11.1357	0.3669	11.2523	4.3209	0.3668	4.4373	0.0000	7,192.1466	7,192.1466	2.2232	0.0000	7,247.7259
Maximum	**1.3790**	**23.4570**	**43.5140**	**0.0740**	**11.1357**	**0.3669**	**11.2523**	**4.3209**	**0.3668**	**4.4373**	**0.0000**	**7,192.1466**	**7,192.1466**	**2.2232**	**0.0000**	**7,247.7259**

	ROG	**NOx**	**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	**69.32**	**51.40**	**-32.32**	**0.00**	**59.39**	**81.87**	**61.78**	**60.39**	**80.30**	**65.25**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	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	Swim Club North - Site Prep	Site Preparation	6/1/2023	6/2/2023	5	2	
2	Park 3- Site Preparation	Site Preparation	6/1/2023	6/2/2023	5	2	
3	Swim Club North - Grading	Grading	6/3/2023	6/7/2023	5	3	
4	Park 3- Grading	Grading	6/3/2023	6/7/2023	5	3	
5	Swim Club North - Building Construction	Building Construction	6/8/2023	10/3/2023	5	84	
6	Park 3- Building Construction	Building Construction	6/8/2023	10/3/2023	5	84	
7	Swim Club North - Architectural Coating	Architectural Coating	8/1/2023	8/31/2023	5	23	
8	Park 3 - Architectural Coating	Architectural Coating	8/1/2023	8/31/2023	5	23	
9	Swim Club North - Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
10	Park 3- Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
11	Private Parks North Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
12	Park 3- Paving	Paving	11/1/2023	11/30/2023	5	22	

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: 2,250; Non-Residential Outdoor: 450; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Park 3 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 3- Building Construction	Forklifts	1	8.00	89	0.20
Park 3- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 3- Building Construction	Welders	1	8.00	46	0.45
Park 3- Grading	Excavators	1	8.00	158	0.38
Park 3- Grading	Graders	1	8.00	187	0.41
Park 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park 3- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 3- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 3- Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Park 3- Paving	Pavers	1	8.00	130	0.42
Park 3- Paving	Paving Equipment	2	8.00	132	0.36
Park 3- Paving	Rollers	2	8.00	80	0.38
Park 3- Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 3- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 3- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Private Parks North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club North - Architectural Coating	Air Compressors	1	8.00	78	0.48
Swim Club North - Building Construction	Cranes	1	8.00	231	0.29
Swim Club North - Building Construction	Forklifts	2	8.00	89	0.20
Swim Club North - Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club North - Grading	Excavators	1	8.00	158	0.38
Swim Club North - Grading	Graders	1	8.00	187	0.41
Swim Club North - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club North - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Swim Club North - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club North - Site Prep	Graders	3	8.00	187	0.41
Swim Club North - Site Prep	Tractors/Loaders/Backhoes	4	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
Swim Club North - Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Site Preparation	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Building Construction	5	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Building Construction	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3 - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Private Parks North Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Paving	8	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 Swim Club North - 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.7558	20.1018	14.0032	0.0323		0.7555	0.7555		0.6951	0.6951		3,128.8715	3,128.8715	1.0119		3,154.1700
Total	**1.7558**	**20.1018**	**14.0032**	**0.0323**	**0.5303**	**0.7555**	**1.2858**	**0.0573**	**0.6951**	**0.7523**		**3,128.8715**	**3,128.8715**	**1.0119**		**3,154.1700**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.6031	10.6515	19.9156	0.0323		0.0527	0.0527		0.0527	0.0527	0.0000	3,128.8715	3,128.8715	1.0119		3,154.1700
Total	**0.6031**	**10.6515**	**19.9156**	**0.0323**	**0.2068**	**0.0527**	**0.2595**	**0.0223**	**0.0527**	**0.0750**	**0.0000**	**3,128.8715**	**3,128.8715**	**1.0119**		**3,154.1700**

Mitigated Construction Off-Site

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

3.3 Park 3- Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			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**	**18.5965**	**1.2660**	**19.8625**	**9.9879**	**1.1647**	**11.1527**		**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					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			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**	**7.2526**	**0.0621**	**7.3147**	**3.8953**	**0.0621**	**3.9574**	**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**

3.4 Swim Club North - Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**6.0221**	**0.7749**	**6.7970**	**3.3102**	**0.7129**	**4.0232**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0248	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	**0.0334**	**0.3180**	**0.2733**	**1.6500e-003**	**3.4938**	**8.0000e-004**	**3.4946**	**0.3644**	**7.4000e-004**	**0.3651**		**172.8922**	**172.8922**	**8.9500e-003**		**173.1160**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.5200	10.3327	18.9906	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**0.5200**	**10.3327**	**18.9906**	**0.0297**	**2.3486**	**0.0484**	**2.3970**	**1.2910**	**0.0484**	**1.3394**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0248	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	**0.0334**	**0.3180**	**0.2733**	**1.6500e-003**	**1.5495**	**8.0000e-004**	**1.5503**	**0.1702**	**7.4000e-004**	**0.1709**		**172.8922**	**172.8922**	**8.9500e-003**		**173.1160**

3.5 Park 3- Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**6.0221**	**0.7749**	**6.7970**	**3.3102**	**0.7129**	**4.0232**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0248	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	**0.0334**	**0.3180**	**0.2733**	**1.6500e-003**	**3.4938**	**8.0000e-004**	**3.4946**	**0.3644**	**7.4000e-004**	**0.3651**		**172.8922**	**172.8922**	**8.9500e-003**		**173.1160**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.5200	10.3327	18.9906	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**0.5200**	**10.3327**	**18.9906**	**0.0297**	**2.3486**	**0.0484**	**2.3970**	**1.2910**	**0.0484**	**1.3394**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0248	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	**0.0334**	**0.3180**	**0.2733**	**1.6500e-003**	**1.5495**	**8.0000e-004**	**1.5503**	**0.1702**	**7.4000e-004**	**0.1709**		**172.8922**	**172.8922**	**8.9500e-003**		**173.1160**

3.6 Swim Club North - 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	0.8592	8.8062	8.5866	0.0151		0.4296	0.4296		0.3952	0.3952		1,458.0339	1,458.0339	0.4716		1,469.8228
Total	**0.8592**	**8.8062**	**8.5866**	**0.0151**		**0.4296**	**0.4296**		**0.3952**	**0.3952**		**1,458.0339**	**1,458.0339**	**0.4716**		**1,469.8228**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					
Off-Road	0.3028	5.5770	10.0792	0.0151		0.0246	0.0246		0.0246	0.0246	0.0000	1,458.0339	1,458.0339	0.4716		1,469.8228
Total	**0.3028**	**5.5770**	**10.0792**	**0.0151**		**0.0246**	**0.0246**		**0.0246**	**0.0246**	**0.0000**	**1,458.0339**	**1,458.0339**	**0.4716**		**1,469.8228**

Mitigated Construction Off-Site

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

3.7 Park 3- 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	0.5084	3.9159	5.0540	7.2000e-003		0.1902	0.1902		0.1794	0.1794		657.0851	657.0851	0.1681		661.2862
Total	**0.5084**	**3.9159**	**5.0540**	**7.2000e-003**		**0.1902**	**0.1902**		**0.1794**	**0.1794**		**657.0851**	**657.0851**	**0.1681**		**661.2862**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					
Off-Road	0.1480	3.6876	5.0005	7.2000e-003		0.0543	0.0543		0.0543	0.0543	0.0000	657.0851	657.0851	0.1681		661.2862
Total	**0.1480**	**3.6876**	**5.0005**	**7.2000e-003**		**0.0543**	**0.0543**		**0.0543**	**0.0543**	**0.0000**	**657.0851**	**657.0851**	**0.1681**		**661.2862**

Mitigated Construction Off-Site

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

3.8 Swim Club North - 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	0.3174					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	**0.5730**	**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	0.3174					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	**0.3900**	**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**

3.9 Park 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	0.1058					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	**0.3614**	**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	0.1058					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	**0.1784**	**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**

3.10 Swim Club North - 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**

3.11 Park 3- 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			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**	**0.5062**	**0.0585**	**0.5647**	**0.0547**	**0.0538**	**0.1085**		**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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			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**	**0.1974**	**0.0950**	**0.2924**	**0.0213**	**0.0950**	**0.1163**	**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**

3.12 Private Parks North 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			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**	**0.5062**	**0.0585**	**0.5647**	**0.0547**	**0.0538**	**0.1085**		**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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			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**	**0.1974**	**0.0950**	**0.2924**	**0.0213**	**0.0950**	**0.1163**	**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**

3.13 Park 3- 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	1.1097	10.5809	14.5491	0.0226		0.5261	0.5261		0.4863	0.4863		2,154.9759	2,154.9759	0.6748		2,171.8453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1097**	**10.5809**	**14.5491**	**0.0226**		**0.5261**	**0.5261**		**0.4863**	**0.4863**		**2,154.9759**	**2,154.9759**	**0.6748**		**2,171.8453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.3459	9.3237	16.0747	0.0226		0.0348	0.0348		0.0348	0.0348	0.0000	2,154.9759	2,154.9759	0.6748		2,171.8453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3459**	**9.3237**	**16.0747**	**0.0226**		**0.0348**	**0.0348**		**0.0348**	**0.0348**	**0.0000**	**2,154.9759**	**2,154.9759**	**0.6748**		**2,171.8453**

Mitigated Construction Off-Site

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

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/21/2017 3:14 PM

North 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 3 - Architectural Coating	0.48	0.16	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Building Construction	0.68	0.05	0.01	0.00	0.71	0.70	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Grading	0.68	0.42	-0.28	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- 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 3- Paving	0.67	0.11	-0.10	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Site Preparation	0.73	0.55	-0.25	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Private Parks North 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
Swim Club North - Architectural Coating	0.31	0.16	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Building Construction	0.63	0.35	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Grading	0.68	0.42	-0.28	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - 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
Swim Club North - Site Prep	0.64	0.46	-0.41	0.00	0.93	0.93	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	2	2	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Excavators	Diesel	Tier 4 Interim	2	2	No Change	0.00
Cranes	Diesel	Tier 4 Interim	1	1	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	4	4	No Change	0.00
Graders	Diesel	Tier 4 Interim	5	5	No Change	0.00
Pavers	Diesel	Tier 4 Interim	1	1	No Change	0.00
Rollers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	5	5	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	19	19	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	2	2	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	6	6	No Change	0.00
Welders	Diesel	Tier 4 Interim	1	1	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	5.88000E-003	3.99600E-002	5.55400E-002	9.00000E-005	2.17000E-003	2.17000E-003	0.00000E+000	7.82998E+000	7.82998E+000	4.70000E-004	0.00000E+000	7.84169E+000
Cement and Mortar Mixers	1.29000E-003	8.10000E-003	6.78000E-003	2.00000E-005	3.10000E-004	3.10000E-004	0.00000E+000	1.00821E+000	1.00821E+000	1.00000E-004	0.00000E+000	1.01082E+000
Cranes	1.47600E-002	1.60250E-001	7.70500E-002	2.40000E-004	6.69000E-003	6.16000E-003	0.00000E+000	2.12920E+001	2.12920E+001	6.89000E-003	0.00000E+000	2.14642E+001
Excavators	5.70000E-004	4.65000E-003	9.77000E-003	2.00000E-005	2.30000E-004	2.10000E-004	0.00000E+000	1.36106E+000	1.36106E+000	4.40000E-004	0.00000E+000	1.37207E+000
Forklifts	1.29200E-002	1.20920E-001	1.44240E-001	1.90000E-004	7.47000E-003	6.87000E-003	0.00000E+000	1.69207E+001	1.69207E+001	5.47000E-003	0.00000E+000	1.70575E+001
Graders	2.30000E-003	2.79200E-002	1.01600E-002	4.00000E-005	9.00000E-004	8.30000E-004	0.00000E+000	3.48824E+000	3.48824E+000	1.13000E-003	0.00000E+000	3.51645E+000
Pavers	2.11000E-003	2.07100E-002	3.17100E-002	5.00000E-005	9.70000E-004	9.00000E-004	0.00000E+000	4.54263E+000	4.54263E+000	1.47000E-003	0.00000E+000	4.57936E+000
Paving Equipment	3.76000E-003	3.52600E-002	5.62500E-002	9.00000E-005	1.71000E-003	1.58000E-003	0.00000E+000	7.87280E+000	7.87280E+000	2.55000E-003	0.00000E+000	7.93645E+000
Rollers	3.38000E-003	3.54200E-002	4.07500E-002	6.00000E-005	1.95000E-003	1.79000E-003	0.00000E+000	5.07150E+000	5.07150E+000	1.64000E-003	0.00000E+000	5.11250E+000
Rubber Tired Dozers	4.11000E-003	4.27600E-002	1.86400E-002	5.00000E-005	1.93000E-003	1.77000E-003	0.00000E+000	4.50145E+000	4.50145E+000	1.46000E-003	0.00000E+000	4.53785E+000
Skid Steer Loaders	4.30000E-003	5.70700E-002	9.14400E-002	1.40000E-004	1.93000E-003	1.78000E-003	0.00000E+000	1.20040E+001	1.20040E+001	3.88000E-003	0.00000E+000	1.21010E+001
Tractors/Loaders/Backhoes	2.33100E-002	2.36490E-001	3.43620E-001	4.80000E-004	1.16800E-002	1.07400E-002	0.00000E+000	4.21322E+001	4.21322E+001	1.36300E-002	0.00000E+000	4.24728E+001
Welders	1.06900E-002	5.96600E-002	7.04700E-002	1.10000E-004	2.32000E-003	2.32000E-003	0.00000E+000	7.90527E+000	7.90527E+000	8.60000E-004	0.00000E+000	7.92683E+000

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	1.67000E-003	3.25000E-002	5.61900E-002	9.00000E-005	1.20000E-004	1.20000E-004	0.00000E+000	7.82997E+000	7.82997E+000	4.70000E-004	0.00000E+000	7.84168E+000
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	2.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	1.00821E+000	1.00821E+000	1.00000E-004	0.00000E+000	1.01082E+000
Cranes	3.97000E-003	6.40100E-002	1.29020E-001	2.40000E-004	4.00000E-004	4.00000E-004	0.00000E+000	2.12920E+001	2.12920E+001	6.89000E-003	0.00000E+000	2.14641E+001
Excavators	1.90000E-004	6.83000E-003	1.17500E-002	2.00000E-005	3.00000E-005	3.00000E-005	0.00000E+000	1.36106E+000	1.36106E+000	4.40000E-004	0.00000E+000	1.37207E+000
Forklifts	4.35000E-003	8.46500E-002	1.46360E-001	1.90000E-004	3.20000E-004	3.20000E-004	0.00000E+000	1.69207E+001	1.69207E+001	5.47000E-003	0.00000E+000	1.70575E+001
Graders	6.50000E-004	1.04700E-002	2.10900E-002	4.00000E-005	6.00000E-005	6.00000E-005	0.00000E+000	3.48824E+000	3.48824E+000	1.13000E-003	0.00000E+000	3.51644E+000
Pavers	6.40000E-004	2.27700E-002	3.91900E-002	5.00000E-005	8.00000E-005	8.00000E-005	0.00000E+000	4.54262E+000	4.54262E+000	1.47000E-003	0.00000E+000	4.57935E+000
Paving Equipment	1.11000E-003	3.96400E-002	6.82200E-002	9.00000E-005	1.50000E-004	1.50000E-004	0.00000E+000	7.87279E+000	7.87279E+000	2.55000E-003	0.00000E+000	7.93644E+000
Rollers	1.30000E-003	2.52400E-002	4.36400E-002	6.00000E-005	9.00000E-005	9.00000E-005	0.00000E+000	5.07149E+000	5.07149E+000	1.64000E-003	0.00000E+000	5.11250E+000
Rubber Tired Dozers	8.40000E-004	1.34900E-002	2.71800E-002	5.00000E-005	8.00000E-005	8.00000E-005	0.00000E+000	4.50145E+000	4.50145E+000	1.46000E-003	0.00000E+000	4.53785E+000
Skid Steer Loaders	3.36000E-003	7.67100E-002	1.03580E-001	1.40000E-004	3.14000E-003	3.14000E-003	0.00000E+000	1.20039E+001	1.20039E+001	3.88000E-003	0.00000E+000	1.21010E+001
Tractors/Loaders/Backhoes	1.07200E-002	2.08610E-001	3.60680E-001	4.80000E-004	7.80000E-004	7.80000E-004	0.00000E+000	4.21321E+001	4.21321E+001	1.36300E-002	0.00000E+000	4.24728E+001
Welders	1.84000E-003	6.97700E-002	6.28700E-002	1.10000E-004	1.96000E-003	1.96000E-003	0.00000E+000	7.90526E+000	7.90526E+000	8.60000E-004	0.00000E+000	7.92682E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	7.15986E-001	1.86687E-001	-1.17033E-002	0.00000E+000	9.44700E-001	9.44700E-001	0.00000E+000	1.27714E-006	1.27714E-006	0.00000E+000	0.00000E+000	1.27524E-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	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.31030E-001	6.00562E-001	-6.74497E-001	0.00000E+000	9.40209E-001	9.35065E-001	0.00000E+000	1.40898E-006	1.40898E-006	0.00000E+000	0.00000E+000	9.31786E-007
Excavators	6.66667E-001	-4.68817E-001	-2.02661E-001	0.00000E+000	8.69565E-001	8.57143E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	6.63313E-001	2.99950E-001	-1.46977E-002	0.00000E+000	9.57162E-001	9.53421E-001	0.00000E+000	1.18198E-006	1.18198E-006	0.00000E+000	0.00000E+000	1.17250E-006
Graders	7.17391E-001	6.25000E-001	-1.07579E+000	0.00000E+000	9.33333E-001	9.27711E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.84378E-006
Pavers	6.96682E-001	-9.94689E-002	-2.35888E-001	0.00000E+000	9.17526E-001	9.11111E-001	0.00000E+000	2.20137E-006	2.20137E-006	0.00000E+000	0.00000E+000	2.18371E-006
Paving Equipment	7.04787E-001	-1.24220E-001	-2.12800E-001	0.00000E+000	9.12281E-001	9.05063E-001	0.00000E+000	1.27020E-006	1.27020E-006	0.00000E+000	0.00000E+000	1.26001E-006
Rollers	6.15385E-001	2.87408E-001	-7.09202E-002	0.00000E+000	9.53846E-001	9.49721E-001	0.00000E+000	1.97180E-006	1.97180E-006	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	7.95620E-001	6.84518E-001	-4.58155E-001	0.00000E+000	9.58549E-001	9.54802E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	2.18605E-001	-3.44139E-001	-1.32765E-001	0.00000E+000	-6.26943E-001	-7.64045E-001	0.00000E+000	8.33059E-007	8.33059E-007	0.00000E+000	0.00000E+000	1.65275E-006
Tractors/Loaders/Backhoes	5.40112E-001	1.17891E-001	-4.96479E-002	0.00000E+000	9.33219E-001	9.27374E-001	0.00000E+000	1.18674E-006	1.18674E-006	0.00000E+000	0.00000E+000	1.17722E-006
Welders	8.27877E-001	-1.69460E-001	1.07847E-001	0.00000E+000	1.55172E-001	1.55172E-001	0.00000E+000	1.26498E-006	1.26498E-006	0.00000E+000	0.00000E+000	1.26154E-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 3 - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 3 - Architectural Coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 3- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Park 3- Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Park 3- Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 3- Landscaping	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
Park 3- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 3- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Paving	Roads	0.03	0.00	0.02	0.00	0.55	0.53
Park 3- Site Preparation	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Park 3- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Private Parks North Landscaping	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
Private Parks North Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club North - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Architectural Coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club North - Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Building Construction	Roads	0.11	0.01	0.05	0.01	0.55	0.53
Swim Club North - Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Swim Club North - Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Swim Club North - Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club North - Site Prep	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.67
Swim Club North - Site Prep	Roads	0.00	0.00	0.00	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 Selected	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	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	North 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-Jun-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 Matrix
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Swim Club North - Site Prep	Site Preparation	2023/06/01	2023/06/02	5	2
Swim Club North - Grading	Grading	2023/06/03	2023/06/07	5	3
Swim Club North - Building Construction	Building Construction	2023/06/08	2023/10/03	5	84
Landscaping	Site Preparation	2023/10/01	2023/10/31	5	22
Swim Club North - Architectural Coating	Architectural Coating	2023/08/01	2023/08/31	5	23
Park 3- Site Preparation	Site Preparation	2023/06/01	2023/06/02	5	2
Park 3- Grading	Grading	2023/06/03	2023/06/07	5	3
Park 3- Building Construction	Construction	2023/06/08	2023/10/03	5	84
Park 3 - Architectural Coating	Coating	2023/08/01	2023/08/31	5	23
Park 3- Paving	Paving	2023/11/01	2023/11/30	5	22
Park 3- Landscaping	Site Preparation	2023/10/01	2023/10/31	5	22
Landscaping	Site Preparation	2023/10/01	2023/10/31	5	22

Table 6: Off-Road Equipment					
Phase Name	**Equipment**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation - all	default				
Grading- all					
Landscaping - all	Skid steer	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**	**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							

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)
--	98	98	0	--				

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 Central -	N/A	N/A	N/A	N/A	50	2,250	100	750	100	N/A
Park 3 -	N/A	N/A	N/A	N/A	50	630	100	210	100	N/A

Tables 12 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)	
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: 9/26/2017 8:25 AM

Off-Site Grading and PVR - LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1,097.71	1000sqft	0.00	1,097,710.00	0
User Defined Residential	1.00	Dwelling Unit	34.80	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**	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

Project Characteristics -

Land Use - Includes off-site grading

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

Vehicle Trips - Operational Emissions Modeled Separately

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Energy Use - Operational Emissions Modeled Separately

Water And Wastewater - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblConsumerProducts	ROG_EF	2.14E-05	1E-16
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblEnergyUse	LightingElect	0.88	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	LotAcreage	25.20	0.00
tblLandUse	LotAcreage	0.00	34.80
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	OffRoadEquipmentUnitAmount	0.00	4.00
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	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00

tblOffRoadEquipment	PhaseName		On-site North Utilities
tblOffRoadEquipment	PhaseName		South Utilities
tblOffRoadEquipment	PhaseName		Off-site Central Utilities
tblOffRoadEquipment	PhaseName		On-site Central Utilities
tblOffRoadEquipment	PhaseName		Off-site North Utilities
tblOffRoadEquipment	PhaseName		South Haul
tblOffRoadEquipment	PhaseName		On-site North Utilities
tblOffRoadEquipment	PhaseName		South Utilities
tblOffRoadEquipment	PhaseName		Off-site Central Utilities
tblOffRoadEquipment	PhaseName		On-site Central Utilities
tblOffRoadEquipment	PhaseName		Off-site North Utilities
tblOffRoadEquipment	PhaseName		On-site North Landscaping
tblOffRoadEquipment	PhaseName		Off-site Central Landscaping
tblOffRoadEquipment	PhaseName		South Landscaping
tblOffRoadEquipment	PhaseName		On-site Central Landscaping
tblOffRoadEquipment	PhaseName		Off-site North Landscape
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	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	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
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
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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
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HW_TL	10.80	0.00

tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToSupply	9,727.00	0.00
tblWater	ElectricityIntensityFactorToSupply	9,727.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	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	10.7954	124.6107	80.4789	0.1495	56.7311	5.3895	62.1206	20.3192	4.9588	24.2522	0.0000	14,846.2538	14,846.2538	4.5505	0.0000	14,960.0176
2020	4.7018	53.3736	40.6447	0.0778	85.8479	2.2713	87.3272	41.1430	2.0898	42.5044	0.0000	7,617.9895	7,617.9895	2.2133	0.0000	7,673.3206
2021	1.3031	13.9448	15.0419	0.0258	20.2562	0.6802	20.3390	10.1596	0.6258	10.2358	0.0000	2,521.6121	2,521.6121	0.7369	0.0000	2,540.0332
2022	36.7321	12.1024	15.0391	0.0260	21.7943	0.5703	21.9469	10.3208	0.5247	10.4678	0.0000	2,547.6850	2,547.6850	0.7370	0.0000	2,566.1104
Maximum	**36.7321**	**124.6107**	**80.4789**	**0.1495**	**85.8479**	**5.3895**	**87.3272**	**41.1430**	**4.9588**	**42.5044**	**0.0000**	**14,846.2538**	**14,846.2538**	**4.5505**	**0.0000**	**14,960.0176**

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	2.4384	50.0411	89.0222	0.1495	26.9575	0.2477	27.2052	8.0385	0.2471	8.2779	0.0000	14,846.2538	14,846.2538	4.5505	0.0000	14,960.0176
2020	1.2108	31.1790	50.6638	0.0778	36.6419	0.2810	36.9228	16.3997	0.2802	16.6800	0.0000	7,617.9895	7,617.9895	2.2133	0.0000	7,673.3206
2021	0.3817	11.0651	17.6844	0.0258	8.4095	0.0961	8.5057	4.0193	0.0961	4.1153	0.0000	2,521.6121	2,521.6121	0.7369	0.0000	2,540.0332
2022	36.5446	11.0169	17.7543	0.0260	9.3678	0.1008	9.4686	4.1225	0.1008	4.2232	0.0000	2,547.6850	2,547.6850	0.7370	0.0000	2,566.1104
Maximum	**36.5446**	**50.0411**	**89.0222**	**0.1495**	**36.6419**	**0.2810**	**36.9228**	**16.3997**	**0.2802**	**16.6800**	**0.0000**	**14,846.2538**	**14,846.2538**	**4.5505**	**0.0000**	**14,960.0176**

	ROG	**NOx**	**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	**24.20**	**49.37**	**-15.82**	**0.00**	**55.92**	**91.86**	**57.18**	**60.24**	**91.17**	**61.93**	**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	0.2220	1.9700e-003	0.1946	1.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	0.3888	0.3888	7.7000e-004	0.0000	0.4081
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	**0.2220**	**1.9700e-003**	**0.1946**	**1.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**0.3888**	**0.3888**	**7.7000e-004**	**0.0000**	**0.4081**

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	0.2220	1.9700e-003	0.1946	1.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	0.3888	0.3888	7.7000e-004	0.0000	0.4081
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	**0.2220**	**1.9700e-003**	**0.1946**	**1.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**0.3888**	**0.3888**	**7.7000e-004**	**0.0000**	**0.4081**

	ROG	**NOx**	**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	South Haul	Site Preparation	8/1/2019	9/30/2019	5	43	
2	South Grading	Grading	8/1/2019	9/30/2019	5	43	
3	Off-site Central Grading	Grading	9/1/2019	9/30/2019	5	21	
4	South Utilities	Site Preparation	10/1/2019	5/31/2020	5	174	
5	Off-site Central Utilities	Site Preparation	10/1/2019	3/31/2020	5	131	
6	On-site Central Utilities	Site Preparation	1/1/2020	6/30/2020	5	130	
7	South Paving	Paving	4/1/2020	5/31/2020	5	43	
8	Off-site Central Paving	Paving	4/1/2020	4/30/2020	5	22	
9	Off-site Central Landscaping	Site Preparation	5/1/2020	5/30/2020	5	21	
10	South Landscaping	Site Preparation	5/1/2020	9/30/2020	5	109	
11	On-site Central Paving	Paving	6/1/2020	7/31/2020	5	45	
12	On-site Central Landscaping	Site Preparation	8/1/2020	11/30/2020	5	86	
13	Off-site North Grading	Grading	10/1/2020	10/31/2020	5	22	
14	Off-site North Utilities	Site Preparation	11/1/2020	12/31/2020	5	44	
15	Off-site North Pavement	Paving	1/1/2021	1/31/2021	5	21	
16	Off-site North Landscape	Site Preparation	3/1/2021	3/31/2021	5	23	
17	On-site North Utilities	Site Preparation	1/1/2022	1/30/2022	5	20	
18	On-site North Paving	Paving	6/1/2022	6/30/2022	5	22	
19	On-site North Landscaping	Site Preparation	7/1/2022	7/31/2022	5	21	
20	Striping	Architectural Coating	7/1/2022	7/31/2022	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: 0; Non-Residential Outdoor: 0; Striped Parking Area: 65,863

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
South Haul	Off-Highway Tractors	4	8.00	124	0.44
South Utilities	Excavators	1	8.00	158	0.38
South Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site Central Utilities	Excavators	1	8.00	158	0.38
Off-site Central Utilities	Rubber Tired Loaders	1	8.00	203	0.36
On-site Central Utilities	Excavators	1	8.00	158	0.38
On-site Central Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Landscaping	Skid Steer Loaders	2	8.00	65	0.37
On-site Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Off-site North Utilities	Excavators	1	8.00	158	0.38
Off-site North Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site North Landscape	Skid Steer Loaders	2	8.00	65	0.37
On-site North Utilities	Excavators	1	8.00	158	0.38
On-site North Utilities	Rubber Tired Loaders	1	8.00	203	0.36
On-site North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Grading	Excavators	2	8.00	158	0.38
South Grading	Graders	1	8.00	187	0.41
South Grading	Rubber Tired Dozers	1	8.00	247	0.40
South Grading	Scrapers	2	8.00	367	0.48
South Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-site Central Grading	Excavators	2	8.00	158	0.38
Off-site Central Grading	Graders	1	8.00	187	0.41
Off-site Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Off-site Central Grading	Scrapers	2	8.00	367	0.48
Off-site Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-site North Grading	Excavators	2	8.00	158	0.38

Off-site North Grading	Graders	1	8.00	187	0.41
Off-site North Grading	Rubber Tired Dozers	1	8.00	247	0.40
Off-site North Grading	Scrapers	2	8.00	367	0.48
Off-site North Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
South Paving	Pavers	2	8.00	130	0.42
South Paving	Paving Equipment	2	8.00	132	0.36
South Paving	Rollers	2	8.00	80	0.38
Off-site Central Paving	Pavers	2	8.00	130	0.42
Off-site Central Paving	Paving Equipment	2	8.00	132	0.36
Off-site Central Paving	Rollers	2	8.00	80	0.38
On-site Central Paving	Pavers	2	8.00	130	0.42
On-site Central Paving	Paving Equipment	2	8.00	132	0.36
On-site Central Paving	Rollers	2	8.00	80	0.38
Off-site North Pavement	Pavers	2	8.00	130	0.42
Off-site North Pavement	Paving Equipment	2	8.00	132	0.36
Off-site North Pavement	Rollers	2	8.00	80	0.38
On-site North Paving	Pavers	2	8.00	130	0.42
On-site North Paving	Paving Equipment	2	8.00	132	0.36
On-site North Paving	Rollers	2	8.00	80	0.38
Striping	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
South Haul	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Grading	0	10.00	4.00	437.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Off-site Central Grading	0	4.00	4.00	133.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
South Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Grading	0	10.00	4.00	25.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Off-site North Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Pavement	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Landscape	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Striping	0	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

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 South Haul - 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	1.1322	12.3462	12.3900	0.0188		0.6104	0.6104		0.5616	0.5616		1,860.7701	1,860.7701	0.5887		1,875.4883
Total	**1.1322**	**12.3462**	**12.3900**	**0.0188**	**18.0663**	**0.6104**	**18.6766**	**9.9307**	**0.5616**	**10.4922**		**1,860.7701**	**1,860.7701**	**0.5887**		**1,875.4883**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0266	0.0185	0.1754	4.9000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		49.0148	49.0148	1.5800e-003		49.0544
Total	**0.0458**	**0.5148**	**0.3174**	**1.5700e-003**	**2.8419**	**3.8600e-003**	**2.8457**	**0.2967**	**3.6800e-003**	**0.3003**		**164.4149**	**164.4149**	**0.0113**		**164.6976**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.2310	8.2756	14.2417	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,860.7701	1,860.7701	0.5887		1,875.4883
Total	**0.2310**	**8.2756**	**14.2417**	**0.0188**	**7.0458**	**0.0308**	**7.0766**	**3.8730**	**0.0308**	**3.9038**	**0.0000**	**1,860.7701**	**1,860.7701**	**0.5887**		**1,875.4883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0266	0.0185	0.1754	4.9000e-004	1.2162	3.5000e-004	1.2165	0.1292	3.2000e-004	0.1296		49.0148	49.0148	1.5800e-003		49.0544
Total	**0.0458**	**0.5148**	**0.3174**	**1.5700e-003**	**1.7691**	**3.8600e-003**	**1.7729**	**0.1894**	**3.6800e-003**	**0.1931**		**164.4149**	**164.4149**	**0.0113**		**164.6976**

3.3 South 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			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**	**8.6733**	**2.3827**	**11.0560**	**3.5965**	**2.1920**	**5.7885**		**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	0.0240	1.0310	0.2000	1.1100e-003	7.4795	1.3300e-003	7.4808	0.7467	1.2700e-003	0.7480		120.6648	120.6648	0.0259		121.3133
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	**0.0876**	**1.5581**	**0.6344**	**3.0100e-003**	**11.6252**	**5.4300e-003**	**11.6306**	**1.1788**	**5.1700e-003**	**1.1840**		**317.7563**	**317.7563**	**0.0383**		**318.7138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**3.3826**	**0.1015**	**3.4841**	**1.4026**	**0.1015**	**1.5042**	**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	0.0240	1.0310	0.2000	1.1100e-003	4.5798	1.3300e-003	4.5811	0.4567	1.2700e-003	0.4580		120.6648	120.6648	0.0259		121.3133
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	2.0270	5.9000e-004	2.0275	0.2154	5.4000e-004	0.2159		81.6914	81.6914	2.6400e-003		81.7573
Total	**0.0876**	**1.5581**	**0.6344**	**3.0100e-003**	**7.1597**	**5.4300e-003**	**7.1651**	**0.7323**	**5.1700e-003**	**0.7374**		**317.7563**	**317.7563**	**0.0383**		**318.7138**

3.4 Off-site Central 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			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**	**8.6733**	**2.3827**	**11.0560**	**3.5965**	**2.1920**	**5.7885**		**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	0.0150	0.6425	0.1247	6.9000e-004	4.6611	8.3000e-004	4.6619	0.4653	7.9000e-004	0.4661		75.1969	75.1969	0.0162		75.6010
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	**0.0519**	**1.1512**	**0.3836**	**2.1000e-003**	**6.8511**	**4.5700e-003**	**6.8557**	**0.6943**	**4.3700e-003**	**0.6986**		**223.2736**	**223.2736**	**0.0269**		**223.9472**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**3.3826**	**0.1015**	**3.4841**	**1.4026**	**0.1015**	**1.5042**	**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	0.0150	0.6425	0.1247	6.9000e-004	2.8541	8.3000e-004	2.8549	0.2846	7.9000e-004	0.2854		75.1969	75.1969	0.0162		75.6010
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0519**	**1.1512**	**0.3836**	**2.1000e-003**	**4.2178**	**4.5700e-003**	**4.2223**	**0.4309**	**4.3700e-003**	**0.4353**		**223.2736**	**223.2736**	**0.0269**		**223.9472**

3.5 South Utilities - 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	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679		1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**18.0663**	**0.2912**	**18.3574**	**9.9307**	**0.2679**	**10.1985**		**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**1.3637**	**3.7400e-003**	**1.3674**	**0.1463**	**3.5800e-003**	**0.1499**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

3.5 South 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**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					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	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.2783**	**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	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.6 Off-site Central Utilities - 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	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679		1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**18.0663**	**0.2912**	**18.3574**	**9.9307**	**0.2679**	**10.1985**		**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**1.3637**	**3.7400e-003**	**1.3674**	**0.1463**	**3.5800e-003**	**0.1499**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

3.6 Off-site Central 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**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					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	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.2783**	**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	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.7 On-site Central 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**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					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	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.2783**	**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	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.8 South 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	1.3566	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	0.0333	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	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**4.8230**	**6.0800e-003**	**4.8291**	**0.5046**	**5.8000e-003**	**0.5104**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.3822	5.6200e-003	1.3879	0.1503	5.3800e-003	0.1557		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**3.0038**	**6.0800e-003**	**3.0099**	**0.3227**	**5.8000e-003**	**0.3285**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

3.9 Off-site Central 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	1.3566	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	0.0333	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	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**4.8230**	**6.0800e-003**	**4.8291**	**0.5046**	**5.8000e-003**	**0.5104**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.3822	5.6200e-003	1.3879	0.1503	5.3800e-003	0.1557		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**3.0038**	**6.0800e-003**	**3.0099**	**0.3227**	**5.8000e-003**	**0.3285**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

3.10 Off-site Central 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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	400.3375	400.3375	0.1295		403.5744
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.11 South 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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	400.3375	400.3375	0.1295		403.5744
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.12 On-site Central 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	1.3566	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	0.0333	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	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**4.8230**	**6.0800e-003**	**4.8291**	**0.5046**	**5.8000e-003**	**0.5104**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.3822	5.6200e-003	1.3879	0.1503	5.3800e-003	0.1557		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**3.0038**	**6.0800e-003**	**3.0099**	**0.3227**	**5.8000e-003**	**0.3285**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

3.13 On-site Central 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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	400.3375	400.3375	0.1295		403.5744
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.14 Off-site North 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			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**	**8.6733**	**2.1739**	**10.8472**	**3.5965**	**2.0000**	**5.5965**		**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	2.3900e-003	0.1111	0.0207	1.2000e-004	0.8363	1.1000e-004	0.8364	0.0835	1.0000e-004	0.0836		13.5105	13.5105	2.6900e-003		13.5778
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	**0.0596**	**0.5895**	**0.4155**	**1.9800e-003**	**4.9820**	**2.9400e-003**	**4.9850**	**0.5156**	**2.7800e-003**	**0.5184**		**207.2086**	**207.2086**	**0.0143**		**207.5659**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**3.3826**	**0.1015**	**3.4841**	**1.4026**	**0.1015**	**1.5042**	**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	2.3900e-003	0.1111	0.0207	1.2000e-004	0.5121	1.1000e-004	0.5122	0.0511	1.0000e-004	0.0512		13.5105	13.5105	2.6900e-003		13.5778
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	2.0270	5.8000e-004	2.0275	0.2154	5.3000e-004	0.2159		79.1132	79.1132	2.3800e-003		79.1727
Total	**0.0596**	**0.5895**	**0.4155**	**1.9800e-003**	**3.0919**	**2.9400e-003**	**3.0949**	**0.3266**	**2.7800e-003**	**0.3294**		**207.2086**	**207.2086**	**0.0143**		**207.5659**

3.15 Off-site North 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**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					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	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.2783**	**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	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.16 Off-site North Pavement - 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	1.3822	2.2300e-003	1.3845	0.1503	2.1300e-003	0.1525		283.8193	283.8193	0.0221		284.3721
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0476**	**1.0257**	**0.3887**	**2.9500e-003**	**2.1930**	**2.4600e-003**	**2.1955**	**0.2365**	**2.3400e-003**	**0.2388**		**314.4012**	**314.4012**	**0.0230**		**314.9759**

3.17 Off-site North Landscape - 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	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**	**18.0663**	**0.0817**	**18.1479**	**9.9307**	**0.0751**	**10.0058**		**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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**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	0.5529	8.9000e-004	0.5538	0.0601	8.5000e-004	0.0610		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**1.3637**	**1.1200e-003**	**1.3648**	**0.1463**	**1.0600e-003**	**0.1474**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.18 On-site North 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	0.5529	7.7000e-004	0.5537	0.0601	7.3000e-004	0.0609		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.8108	2.2000e-004	0.8110	0.0862	2.0000e-004	0.0864		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.3637**	**9.9000e-004**	**1.3647**	**0.1463**	**9.3000e-004**	**0.1472**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.19 On-site North Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0297	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	**0.0594**	**0.9775**	**0.4587**	**3.2000e-003**	**4.8230**	**2.3600e-003**	**4.8254**	**0.5046**	**2.2400e-003**	**0.5068**		**340.0247**	**340.0247**	**0.0230**		**340.6000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.3822	1.9200e-003	1.3842	0.1503	1.8300e-003	0.1522		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.6216	4.4000e-004	1.6220	0.1723	4.1000e-004	0.1727		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0594**	**0.9775**	**0.4587**	**3.2000e-003**	**3.0038**	**2.3600e-003**	**3.0062**	**0.3227**	**2.2400e-003**	**0.3249**		**340.0247**	**340.0247**	**0.0230**		**340.6000**

3.20 On-site North 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	0.1392	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**	**18.0663**	**0.0690**	**18.1353**	**9.9307**	**0.0635**	**9.9942**		**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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**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	0.5529	7.7000e-004	0.5537	0.0601	7.3000e-004	0.0609		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.8108	2.2000e-004	0.8110	0.0862	2.0000e-004	0.0864		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.3637**	**9.9000e-004**	**1.3647**	**0.1463**	**9.3000e-004**	**0.1472**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.21 Striping - 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	36.3423					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**36.5468**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	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	36.3423					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**36.3967**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.5529	7.7000e-004	0.5537	0.0601	7.3000e-004	0.0609		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.4054	1.1000e-004	0.4055	0.0431	1.0000e-004	0.0432		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**0.9583**	**8.8000e-004**	**0.9592**	**0.1032**	**8.3000e-004**	**0.1041**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/26/2017 8:22 AM

Off-Site Grading and PVR - LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1,097.71	1000sqft	0.00	1,097,710.00	0
User Defined Residential	1.00	Dwelling Unit	34.80	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**	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 - Includes off-site grading

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

Vehicle Trips - Operational Emissions Modeled Separately

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Energy Use - Operational Emissions Modeled Separately

Water And Wastewater - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblConsumerProducts	ROG_EF	2.14E-05	1E-16
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblEnergyUse	LightingElect	0.88	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	LotAcreage	25.20	0.00
tblLandUse	LotAcreage	0.00	34.80
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	OffRoadEquipmentUnitAmount	0.00	4.00
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	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00

tblOffRoadEquipment	PhaseName		On-site North Utilities
tblOffRoadEquipment	PhaseName		South Utilities
tblOffRoadEquipment	PhaseName		Off-site Central Utilities
tblOffRoadEquipment	PhaseName		On-site Central Utilities
tblOffRoadEquipment	PhaseName		Off-site North Utilities
tblOffRoadEquipment	PhaseName		South Haul
tblOffRoadEquipment	PhaseName		On-site North Utilities
tblOffRoadEquipment	PhaseName		South Utilities
tblOffRoadEquipment	PhaseName		Off-site Central Utilities
tblOffRoadEquipment	PhaseName		On-site Central Utilities
tblOffRoadEquipment	PhaseName		Off-site North Utilities
tblOffRoadEquipment	PhaseName		On-site North Landscaping
tblOffRoadEquipment	PhaseName		Off-site Central Landscaping
tblOffRoadEquipment	PhaseName		South Landscaping
tblOffRoadEquipment	PhaseName		On-site Central Landscaping
tblOffRoadEquipment	PhaseName		Off-site North Landscape
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
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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
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
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HW_TL	10.80	0.00

tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToSupply	9,727.00	0.00
tblWater	ElectricityIntensityFactorToSupply	9,727.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	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	10.7786	124.6659	80.3872	0.1499	56.7311	5.3889	62.1200	20.3192	4.9582	24.2516	0.0000	14,889.9554	14,889.9554	4.5445	0.0000	15,003.5668
2020	4.6933	53.3742	40.5953	0.0782	85.8479	2.2712	87.3269	41.1430	2.0897	42.5042	0.0000	7,651.5951	7,651.5951	2.2098	0.0000	7,706.8392
2021	1.2996	13.9464	15.0188	0.0258	20.2562	0.6801	20.3390	10.1596	0.6258	10.2358	0.0000	2,531.1405	2,531.1405	0.7356	0.0000	2,549.5306
2022	36.7282	12.1036	15.0236	0.0261	21.7943	0.5702	21.9468	10.3208	0.5246	10.4677	0.0000	2,559.0389	2,559.0389	0.7359	0.0000	2,577.4360
Maximum	**36.7282**	**124.6659**	**80.3872**	**0.1499**	**85.8479**	**5.3889**	**87.3269**	**41.1430**	**4.9582**	**42.5042**	**0.0000**	**14,889.9554**	**14,889.9554**	**4.5445**	**0.0000**	**15,003.5668**

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	2.4217	50.0964	88.9305	0.1499	26.9575	0.2471	27.2046	8.0385	0.2465	8.2773	0.0000	14,889.9554	14,889.9554	4.5445	0.0000	15,003.5668
2020	1.1962	31.1742	50.6144	0.0782	36.6419	0.2807	36.9226	16.3997	0.2800	16.6797	0.0000	7,651.5951	7,651.5951	2.2098	0.0000	7,706.8392
2021	0.3782	11.0668	17.6613	0.0258	8.4095	0.0961	8.5056	4.0193	0.0960	4.1153	0.0000	2,531.1405	2,531.1405	0.7356	0.0000	2,549.5306
2022	36.5407	11.0182	17.7388	0.0261	9.3678	0.1008	9.4686	4.1225	0.1007	4.2232	0.0000	2,559.0389	2,559.0389	0.7359	0.0000	2,577.4360
Maximum	**36.5407**	**50.0964**	**88.9305**	**0.1499**	**36.6419**	**0.2807**	**36.9226**	**16.3997**	**0.2800**	**16.6797**	**0.0000**	**14,889.9554**	**14,889.9554**	**4.5445**	**0.0000**	**15,003.5668**

	ROG	**NOx**	**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	**24.23**	**49.36**	**-15.84**	**0.00**	**55.92**	**91.87**	**57.18**	**60.24**	**91.18**	**61.93**	**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	0.2220	1.9700e-003	0.1946	1.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	0.3888	0.3888	7.7000e-004	0.0000	0.4081
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	**0.2220**	**1.9700e-003**	**0.1946**	**1.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**0.3888**	**0.3888**	**7.7000e-004**	**0.0000**	**0.4081**

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	0.2220	1.9700e-003	0.1946	1.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	0.3888	0.3888	7.7000e-004	0.0000	0.4081
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	**0.2220**	**1.9700e-003**	**0.1946**	**1.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**0.3888**	**0.3888**	**7.7000e-004**	**0.0000**	**0.4081**

	ROG	**NOx**	**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	South Haul	Site Preparation	8/1/2019	9/30/2019	5	43	
2	South Grading	Grading	8/1/2019	9/30/2019	5	43	
3	Off-site Central Grading	Grading	9/1/2019	9/30/2019	5	21	
4	South Utilities	Site Preparation	10/1/2019	5/31/2020	5	174	
5	Off-site Central Utilities	Site Preparation	10/1/2019	3/31/2020	5	131	
6	On-site Central Utilities	Site Preparation	1/1/2020	6/30/2020	5	130	
7	South Paving	Paving	4/1/2020	5/31/2020	5	43	
8	Off-site Central Paving	Paving	4/1/2020	4/30/2020	5	22	
9	Off-site Central Landscaping	Site Preparation	5/1/2020	5/30/2020	5	21	
10	South Landscaping	Site Preparation	5/1/2020	9/30/2020	5	109	
11	On-site Central Paving	Paving	6/1/2020	7/31/2020	5	45	
12	On-site Central Landscaping	Site Preparation	8/1/2020	11/30/2020	5	86	
13	Off-site North Grading	Grading	10/1/2020	10/31/2020	5	22	
14	Off-site North Utilities	Site Preparation	11/1/2020	12/31/2020	5	44	
15	Off-site North Pavement	Paving	1/1/2021	1/31/2021	5	21	
16	Off-site North Landscape	Site Preparation	3/1/2021	3/31/2021	5	23	
17	On-site North Utilities	Site Preparation	1/1/2022	1/30/2022	5	20	
18	On-site North Paving	Paving	6/1/2022	6/30/2022	5	22	
19	On-site North Landscaping	Site Preparation	7/1/2022	7/31/2022	5	21	
20	Striping	Architectural Coating	7/1/2022	7/31/2022	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: 0; Non-Residential Outdoor: 0; Striped Parking Area: 65,863

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
South Haul	Off-Highway Tractors	4	8.00	124	0.44
South Utilities	Excavators	1	8.00	158	0.38
South Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site Central Utilities	Excavators	1	8.00	158	0.38
Off-site Central Utilities	Rubber Tired Loaders	1	8.00	203	0.36
On-site Central Utilities	Excavators	1	8.00	158	0.38
On-site Central Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Landscaping	Skid Steer Loaders	2	8.00	65	0.37
On-site Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Off-site North Utilities	Excavators	1	8.00	158	0.38
Off-site North Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site North Landscape	Skid Steer Loaders	2	8.00	65	0.37
On-site North Utilities	Excavators	1	8.00	158	0.38
On-site North Utilities	Rubber Tired Loaders	1	8.00	203	0.36
On-site North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Grading	Excavators	2	8.00	158	0.38
South Grading	Graders	1	8.00	187	0.41
South Grading	Rubber Tired Dozers	1	8.00	247	0.40
South Grading	Scrapers	2	8.00	367	0.48
South Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-site Central Grading	Excavators	2	8.00	158	0.38
Off-site Central Grading	Graders	1	8.00	187	0.41
Off-site Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Off-site Central Grading	Scrapers	2	8.00	367	0.48
Off-site Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-site North Grading	Excavators	2	8.00	158	0.38

Off-site North Grading	Graders	1	8.00	187	0.41
Off-site North Grading	Rubber Tired Dozers	1	8.00	247	0.40
Off-site North Grading	Scrapers	2	8.00	367	0.48
Off-site North Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
South Paving	Pavers	2	8.00	130	0.42
South Paving	Paving Equipment	2	8.00	132	0.36
South Paving	Rollers	2	8.00	80	0.38
Off-site Central Paving	Pavers	2	8.00	130	0.42
Off-site Central Paving	Paving Equipment	2	8.00	132	0.36
Off-site Central Paving	Rollers	2	8.00	80	0.38
On-site Central Paving	Pavers	2	8.00	130	0.42
On-site Central Paving	Paving Equipment	2	8.00	132	0.36
On-site Central Paving	Rollers	2	8.00	80	0.38
Off-site North Pavement	Pavers	2	8.00	130	0.42
Off-site North Pavement	Paving Equipment	2	8.00	132	0.36
Off-site North Pavement	Rollers	2	8.00	80	0.38
On-site North Paving	Pavers	2	8.00	130	0.42
On-site North Paving	Paving Equipment	2	8.00	132	0.36
On-site North Paving	Rollers	2	8.00	80	0.38
Striping	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
South Haul	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Grading	0	10.00	4.00	437.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Off-site Central Grading	0	4.00	4.00	133.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
South Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Grading	0	10.00	4.00	25.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Off-site North Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Pavement	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Landscape	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Striping	0	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

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 South Haul - 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	1.1322	12.3462	12.3900	0.0188		0.6104	0.6104		0.5616	0.5616		1,860.7701	1,860.7701	0.5887		1,875.4883
Total	**1.1322**	**12.3462**	**12.3900**	**0.0188**	**18.0663**	**0.6104**	**18.6766**	**9.9307**	**0.5616**	**10.4922**		**1,860.7701**	**1,860.7701**	**0.5887**		**1,875.4883**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0236	0.0164	0.1857	5.2000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		52.2120	52.2120	1.6700e-003		52.2537
Total	**0.0420**	**0.5124**	**0.3137**	**1.6200e-003**	**2.8419**	**3.8000e-003**	**2.8457**	**0.2967**	**3.6200e-003**	**0.3003**		**170.6186**	**170.6186**	**0.0108**		**170.8889**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.2310	8.2756	14.2417	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,860.7701	1,860.7701	0.5887		1,875.4883
Total	**0.2310**	**8.2756**	**14.2417**	**0.0188**	**7.0458**	**0.0308**	**7.0766**	**3.8730**	**0.0308**	**3.9038**	**0.0000**	**1,860.7701**	**1,860.7701**	**0.5887**		**1,875.4883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0236	0.0164	0.1857	5.2000e-004	1.2162	3.5000e-004	1.2165	0.1292	3.2000e-004	0.1296		52.2120	52.2120	1.6700e-003		52.2537
Total	**0.0420**	**0.5124**	**0.3137**	**1.6200e-003**	**1.7691**	**3.8000e-003**	**1.7729**	**0.1894**	**3.6200e-003**	**0.1930**		**170.6186**	**170.6186**	**0.0108**		**170.8889**

3.3 South 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			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**	**8.6733**	**2.3827**	**11.0560**	**3.5965**	**2.1920**	**5.7885**		**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	0.0215	1.0700	0.1483	1.2500e-003	7.4795	1.0600e-003	7.4805	0.7467	1.0100e-003	0.7477		135.4658	135.4658	0.0231		136.0429
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	**0.0792**	**1.5933**	**0.5858**	**3.2200e-003**	**11.6252**	**5.1000e-003**	**11.6303**	**1.1788**	**4.8500e-003**	**1.1837**		**340.8924**	**340.8924**	**0.0350**		**341.7675**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**3.3826**	**0.1015**	**3.4841**	**1.4026**	**0.1015**	**1.5042**	**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	0.0215	1.0700	0.1483	1.2500e-003	4.5798	1.0600e-003	4.5809	0.4567	1.0100e-003	0.4577		135.4658	135.4658	0.0231		136.0429
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	2.0270	5.9000e-004	2.0275	0.2154	5.4000e-004	0.2159		87.0200	87.0200	2.7800e-003		87.0894
Total	**0.0792**	**1.5933**	**0.5858**	**3.2200e-003**	**7.1597**	**5.1000e-003**	**7.1647**	**0.7323**	**4.8500e-003**	**0.7371**		**340.8924**	**340.8924**	**0.0350**		**341.7675**

3.4 Off-site Central 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			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**	**8.6733**	**2.3827**	**11.0560**	**3.5965**	**2.1920**	**5.7885**		**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	0.0134	0.6668	0.0924	7.8000e-004	4.6611	6.6000e-004	4.6618	0.4653	6.3000e-004	0.4660		84.4207	84.4207	0.0144		84.7804
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	**0.0475**	**1.1737**	**0.3442**	**2.2300e-003**	**6.8511**	**4.3400e-003**	**6.8554**	**0.6943**	**4.1500e-003**	**0.6984**		**237.6353**	**237.6353**	**0.0246**		**238.2513**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**3.3826**	**0.1015**	**3.4841**	**1.4026**	**0.1015**	**1.5042**	**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	0.0134	0.6668	0.0924	7.8000e-004	2.8541	6.6000e-004	2.8547	0.2846	6.3000e-004	0.2853		84.4207	84.4207	0.0144		84.7804
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0475**	**1.1737**	**0.3442**	**2.2300e-003**	**4.2178**	**4.3400e-003**	**4.2221**	**0.4309**	**4.1500e-003**	**0.4351**		**237.6353**	**237.6353**	**0.0246**		**238.2513**

3.5 South Utilities - 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	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679		1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**18.0663**	**0.2912**	**18.3574**	**9.9307**	**0.2679**	**10.1985**		**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**1.3637**	**3.6800e-003**	**1.3674**	**0.1463**	**3.5200e-003**	**0.1498**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

3.5 South 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**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					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	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.2783**	**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	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.6 Off-site Central Utilities - 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	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679		1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**18.0663**	**0.2912**	**18.3574**	**9.9307**	**0.2679**	**10.1985**		**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**1.3637**	**3.6800e-003**	**1.3674**	**0.1463**	**3.5200e-003**	**0.1498**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

3.6 Off-site Central 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**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					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	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.2783**	**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	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.7 On-site Central 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**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					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	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.2783**	**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	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.8 South 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	1.3566	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	0.0294	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	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**4.8230**	**5.9800e-003**	**4.8290**	**0.5046**	**5.7000e-003**	**0.5103**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.3822	5.5200e-003	1.3878	0.1503	5.2800e-003	0.1556		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**3.0038**	**5.9800e-003**	**3.0098**	**0.3227**	**5.7000e-003**	**0.3284**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

3.9 Off-site Central 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	1.3566	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	0.0294	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	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**4.8230**	**5.9800e-003**	**4.8290**	**0.5046**	**5.7000e-003**	**0.5103**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.3822	5.5200e-003	1.3878	0.1503	5.2800e-003	0.1556		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**3.0038**	**5.9800e-003**	**3.0098**	**0.3227**	**5.7000e-003**	**0.3284**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

3.10 Off-site Central 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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	400.3375	400.3375	0.1295		403.5744
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.11 South 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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	400.3375	400.3375	0.1295		403.5744
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.12 On-site Central 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	1.3566	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	0.0294	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	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**4.8230**	**5.9800e-003**	**4.8290**	**0.5046**	**5.7000e-003**	**0.5103**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.3822	5.5200e-003	1.3878	0.1503	5.2800e-003	0.1556		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**3.0038**	**5.9800e-003**	**3.0098**	**0.3227**	**5.7000e-003**	**0.3284**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

3.13 On-site Central 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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	400.3375	400.3375	0.1295		403.5744
Total	**0.1018**	**2.3245**	**3.1389**	**4.1400e-003**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.14 Off-site North 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			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**	**8.6733**	**2.1739**	**10.8472**	**3.5965**	**2.0000**	**5.5965**		**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	2.1400e-003	0.1152	0.0154	1.4000e-004	0.8363	8.0000e-005	0.8364	0.0835	8.0000e-005	0.0836		15.1799	15.1799	2.4000e-003		15.2398
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	**0.0538**	**0.5910**	**0.4138**	**2.0900e-003**	**4.9820**	**2.8700e-003**	**4.9849**	**0.5156**	**2.7200e-003**	**0.5183**		**217.0707**	**217.0707**	**0.0136**		**217.4104**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**3.3826**	**0.1015**	**3.4841**	**1.4026**	**0.1015**	**1.5042**	**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	2.1400e-003	0.1152	0.0154	1.4000e-004	0.5121	8.0000e-005	0.5122	0.0511	8.0000e-005	0.0512		15.1799	15.1799	2.4000e-003		15.2398
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	2.0270	5.8000e-004	2.0275	0.2154	5.3000e-004	0.2159		84.2747	84.2747	2.5200e-003		84.3376
Total	**0.0538**	**0.5910**	**0.4138**	**2.0900e-003**	**3.0919**	**2.8700e-003**	**3.0948**	**0.3266**	**2.7200e-003**	**0.3293**		**217.0707**	**217.0707**	**0.0136**		**217.4104**

3.15 Off-site North 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**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					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	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**7.0458**	**0.0188**	**7.0646**	**3.8730**	**0.0188**	**3.8918**	**0.0000**	**1,105.2783**	**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	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.16 Off-site North Pavement - 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	1.3822	2.1400e-003	1.3844	0.1503	2.0500e-003	0.1524		291.3520	291.3520	0.0208		291.8724
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0441**	**1.0273**	**0.3656**	**3.0400e-003**	**2.1930**	**2.3700e-003**	**2.1954**	**0.2365**	**2.2600e-003**	**0.2388**		**323.9296**	**323.9296**	**0.0218**		**324.4733**

3.17 Off-site North Landscape - 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	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**	**18.0663**	**0.0817**	**18.1479**	**9.9307**	**0.0751**	**10.0058**		**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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**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	0.5529	8.6000e-004	0.5538	0.0601	8.2000e-004	0.0610		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**1.3637**	**1.0900e-003**	**1.3648**	**0.1463**	**1.0300e-003**	**0.1473**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.18 On-site North 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	0.0113	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					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	0.0113	0.3849	0.0983	1.0700e-003	0.5529	7.4000e-004	0.5536	0.0601	7.0000e-004	0.0608		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.8108	2.2000e-004	0.8110	0.0862	2.0000e-004	0.0864		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.3637**	**9.6000e-004**	**1.3646**	**0.1463**	**9.0000e-004**	**0.1472**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.19 On-site North Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0262	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	**0.0543**	**0.9787**	**0.4431**	**3.3100e-003**	**4.8230**	**2.2800e-003**	**4.8253**	**0.5046**	**2.1700e-003**	**0.5068**		**351.3786**	**351.3786**	**0.0219**		**351.9257**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.3822	1.8400e-003	1.3841	0.1503	1.7600e-003	0.1521		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.6216	4.4000e-004	1.6220	0.1723	4.1000e-004	0.1727		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0543**	**0.9787**	**0.4431**	**3.3100e-003**	**3.0038**	**2.2800e-003**	**3.0061**	**0.3227**	**2.1700e-003**	**0.3248**		**351.3786**	**351.3786**	**0.0219**		**351.9257**

3.20 On-site North 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	0.1392	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**	**18.0663**	**0.0690**	**18.1353**	**9.9307**	**0.0635**	**9.9942**		**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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.0950**	**7.1409**	**3.8730**	**0.0950**	**3.9680**	**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	0.5529	7.4000e-004	0.5536	0.0601	7.0000e-004	0.0608		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.8108	2.2000e-004	0.8110	0.0862	2.0000e-004	0.0864		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.3637**	**9.6000e-004**	**1.3646**	**0.1463**	**9.0000e-004**	**0.1472**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.21 Striping - 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	36.3423					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**36.5468**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	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	36.3423					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**36.3967**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.5529	7.4000e-004	0.5536	0.0601	7.0000e-004	0.0608		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.4054	1.1000e-004	0.4055	0.0431	1.0000e-004	0.0432		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**0.9583**	**8.5000e-004**	**0.9591**	**0.1032**	**8.0000e-004**	**0.1040**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

CalEEMod Version: CalEEMod.2016.3.1

Date: 9/26/2017 8:42 AM

Off-Site Grading and PVR - 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												
Off-site Central 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
Off-site Central 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
Off-site Central 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
Off-site Central Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site North 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
Off-site North Landscape	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site North Pavement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site North Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-site Central 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
On-site Central 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
On-site Central Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-site North 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
On-site North 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
On-site North Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
South Haul	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
South 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
South Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Striping	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	1	No Change	0.00
Excavators	Diesel	Tier 4 Interim	0	11	No Change	0.00
Graders	Diesel	Tier 4 Interim	0	3	No Change	0.00
Off-Highway Tractors	Diesel	Tier 4 Interim	0	4	No Change	0.00
Pavers	Diesel	Tier 4 Interim	0	10	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	0	10	No Change	0.00
Rollers	Diesel	Tier 4 Interim	0	10	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	0	3	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	0	5	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	0	6	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	0	10	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	0	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	2.15000E-003	1.47900E-002	1.90400E-002	3.00000E-005	8.60000E-004	8.60000E-004	0.00000E+000	2.68092E+000	2.68092E+000	1.70000E-004	0.00000E+000	2.68528E+000
Excavators	8.38100E-002	8.38080E-001	1.09562E+000	1.73000E-003	4.05200E-002	3.72800E-002	0.00000E+000	1.53513E+002	1.53513E+002	4.92300E-002	0.00000E+000	1.54744E+002
Graders	2.08100E-002	2.80130E-001	7.87800E-002	2.90000E-004	8.98000E-003	8.26000E-003	0.00000E+000	2.55046E+001	2.55046E+001	8.11000E-003	0.00000E+000	2.57074E+001
Off-Highway Tractors	2.43400E-002	2.65440E-001	2.66390E-001	4.00000E-004	1.31200E-002	1.20700E-002	0.00000E+000	3.62933E+001	3.62933E+001	1.14800E-002	0.00000E+000	3.65804E+001
Pavers	3.86200E-002	4.09800E-001	4.43260E-001	7.20000E-004	1.98500E-002	1.82700E-002	0.00000E+000	6.31871E+001	6.31871E+001	2.04400E-002	0.00000E+000	6.36980E+001
Paving Equipment	3.07700E-002	3.14520E-001	3.88160E-001	6.20000E-004	1.56600E-002	1.44100E-002	0.00000E+000	5.47577E+001	5.47577E+001	1.77100E-002	0.00000E+000	5.52004E+001
Rollers	3.05300E-002	3.07300E-001	2.88690E-001	4.00000E-004	1.92500E-002	1.77100E-002	0.00000E+000	3.52654E+001	3.52654E+001	1.14100E-002	0.00000E+000	3.55506E+001
Rubber Tired Dozers	4.81800E-002	5.11040E-001	1.82540E-001	3.70000E-004	2.49400E-002	2.29500E-002	0.00000E+000	3.27988E+001	3.27988E+001	1.04400E-002	0.00000E+000	3.30597E+001
Rubber Tired Loaders	9.41400E-002	1.11385E+000	4.09860E-001	1.56000E-003	3.70900E-002	3.41200E-002	0.00000E+000	1.37795E+002	1.37795E+002	4.43100E-002	0.00000E+000	1.38903E+002
Scrapers	9.00200E-002	1.08503E+000	6.80020E-001	1.30000E-003	4.24700E-002	3.90700E-002	0.00000E+000	1.16358E+002	1.16358E+002	3.70200E-002	0.00000E+000	1.17283E+002
Skid Steer Loaders	2.04600E-002	2.72050E-001	3.61350E-001	5.40000E-004	1.16000E-002	1.06700E-002	0.00000E+000	4.72183E+001	4.72183E+001	1.52700E-002	0.00000E+000	4.76001E+001
Tractors/Loaders/ Backhoes	1.95100E-002	1.95900E-001	1.97520E-001	2.70000E-004	1.29200E-002	1.18800E-002	0.00000E+000	2.38586E+001	2.38586E+001	7.59000E-003	0.00000E+000	2.40484E+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	2.15000E-003	1.47900E-002	1.90400E-002	3.00000E-005	8.60000E-004	8.60000E-004	0.00000E+000	2.68091E+000	2.68091E+000	1.70000E-004	0.00000E+000	2.68528E+000
Excavators	8.38100E-002	8.38080E-001	1.09562E+000	1.73000E-003	4.05200E-002	3.72800E-002	0.00000E+000	1.53513E+002	1.53513E+002	4.92300E-002	0.00000E+000	1.54744E+002
Graders	2.08100E-002	2.80130E-001	7.87800E-002	2.90000E-004	8.98000E-003	8.26000E-003	0.00000E+000	2.55045E+001	2.55045E+001	8.11000E-003	0.00000E+000	2.57074E+001
Off-Highway Tractors	2.43400E-002	2.65440E-001	2.66390E-001	4.00000E-004	1.31200E-002	1.20700E-002	0.00000E+000	3.62933E+001	3.62933E+001	1.14800E-002	0.00000E+000	3.65804E+001
Pavers	3.86200E-002	4.09800E-001	4.43260E-001	7.20000E-004	1.98500E-002	1.82700E-002	0.00000E+000	6.31871E+001	6.31871E+001	2.04400E-002	0.00000E+000	6.36980E+001
Paving Equipment	3.07700E-002	3.14520E-001	3.88160E-001	6.20000E-004	1.56600E-002	1.44100E-002	0.00000E+000	5.47576E+001	5.47576E+001	1.77100E-002	0.00000E+000	5.52003E+001
Rollers	3.05300E-002	3.07300E-001	2.88690E-001	4.00000E-004	1.92500E-002	1.77100E-002	0.00000E+000	3.52654E+001	3.52654E+001	1.14100E-002	0.00000E+000	3.55505E+001
Rubber Tired Dozers	4.81800E-002	5.11040E-001	1.82540E-001	3.70000E-004	2.49400E-002	2.29500E-002	0.00000E+000	3.27988E+001	3.27988E+001	1.04400E-002	0.00000E+000	3.30596E+001
Rubber Tired Loaders	9.41400E-002	1.11385E+000	4.09860E-001	1.56000E-003	3.70900E-002	3.41200E-002	0.00000E+000	1.37795E+002	1.37795E+002	4.43100E-002	0.00000E+000	1.38903E+002
Scrapers	9.00200E-002	1.08503E+000	6.80020E-001	1.30000E-003	4.24700E-002	3.90700E-002	0.00000E+000	1.16358E+002	1.16358E+002	3.70200E-002	0.00000E+000	1.17283E+002
Skid Steer Loaders	2.04600E-002	2.72050E-001	3.61350E-001	5.40000E-004	1.16000E-002	1.06700E-002	0.00000E+000	4.72182E+001	4.72182E+001	1.52700E-002	0.00000E+000	4.76000E+001
Tractors/Loaders/Backhoes	1.95100E-002	1.95900E-001	1.97520E-001	2.70000E-004	1.29200E-002	1.18800E-002	0.00000E+000	2.38586E+001	2.38586E+001	7.59000E-003	0.00000E+000	2.40483E+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	3.73006E-006	3.73006E-006	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.23768E-006	1.23768E-006	0.00000E+000	0.00000E+000	1.16321E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.17626E-006	1.17626E-006	0.00000E+000	0.00000E+000	1.16698E-006
Off-Highway Tractors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.37766E-006	1.37766E-006	0.00000E+000	0.00000E+000	1.36685E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.26608E-006	1.26608E-006	0.00000E+000	0.00000E+000	1.25593E-006
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.27836E-006	1.27836E-006	0.00000E+000	0.00000E+000	1.08695E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.13426E-006	1.13426E-006	0.00000E+000	0.00000E+000	1.40645E-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	1.21956E-006	1.21956E-006	0.00000E+000	0.00000E+000	1.20993E-006
Rubber Tired Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16114E-006	1.16114E-006	0.00000E+000	0.00000E+000	1.15189E-006
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20319E-006	1.20319E-006	0.00000E+000	0.00000E+000	1.19369E-006
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.05891E-006	1.05891E-006	0.00000E+000	0.00000E+000	1.26050E-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	1.25741E-006	1.25741E-006	0.00000E+000	0.00000E+000	1.24749E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
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
Off-site Central Grading	Fugitive Dust	0.09	0.04	0.04	0.01	0.61	0.61
Off-site Central Grading	Roads	0.06	0.01	0.04	0.00	0.38	0.38
Off-site Central Landscaping	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
Off-site Central Landscaping	Roads	0.02	0.00	0.01	0.00	0.38	0.36
Off-site Central Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Off-site Central Paving	Roads	0.05	0.00	0.03	0.00	0.38	0.36
Off-site Central Utilities	Fugitive Dust	2.37	1.30	0.92	0.51	0.61	0.61
Off-site Central Utilities	Roads	0.13	0.01	0.08	0.01	0.38	0.36
Off-site North Grading	Fugitive Dust	0.10	0.04	0.04	0.02	0.61	0.61
Off-site North Grading	Roads	0.05	0.01	0.03	0.00	0.38	0.36
Off-site North Landscape	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61
Off-site North Landscape	Roads	0.02	0.00	0.01	0.00	0.38	0.36
Off-site North Pavement	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Off-site North Pavement	Roads	0.03	0.00	0.02	0.00	0.38	0.36
Off-site North Utilities	Fugitive Dust	0.40	0.22	0.16	0.09	0.61	0.61
Off-site North Utilities	Roads	0.04	0.00	0.03	0.00	0.38	0.36
On-site Central Landscaping	Fugitive Dust	0.78	0.43	0.30	0.17	0.61	0.61
On-site Central Landscaping	Roads	0.08	0.01	0.05	0.01	0.38	0.36
On-site Central Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

On-site Central Paving	Roads	0.10	0.01	0.06	0.01	0.38	0.36
On-site Central Utilities	Fugitive Dust	1.17	0.65	0.46	0.25	0.61	0.61
On-site Central Utilities	Roads	0.13	0.01	0.08	0.01	0.38	0.36
On-site North Landscaping	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
On-site North Landscaping	Roads	0.02	0.00	0.01	0.00	0.38	0.36
On-site North Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
On-site North Paving	Roads	0.05	0.00	0.03	0.00	0.38	0.36
On-site North Utilities	Fugitive Dust	0.18	0.10	0.07	0.04	0.61	0.61
On-site North Utilities	Roads	0.02	0.00	0.01	0.00	0.38	0.36
South Grading	Fugitive Dust	0.19	0.08	0.07	0.03	0.61	0.61
South Grading	Roads	0.22	0.02	0.14	0.01	0.38	0.38
South Haul	Fugitive Dust	0.39	0.21	0.15	0.08	0.61	0.61
South Haul	Roads	0.05	0.01	0.03	0.00	0.38	0.36
South Landscaping	Fugitive Dust	0.98	0.54	0.38	0.21	0.61	0.61
South Landscaping	Roads	0.11	0.01	0.07	0.01	0.38	0.36
South Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
South Paving	Roads	0.09	0.01	0.06	0.01	0.38	0.36
South Utilities	Fugitive Dust	3.14	1.73	1.23	0.67	0.61	0.61
South Utilities	Roads	0.17	0.02	0.11	0.01	0.38	0.36
Striping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Striping	Roads	0.01	0.00	0.01	0.00	0.38	0.36

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	Off-Site Grading and PVR - 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	8/1/2019	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2023	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**
South Grading	Grading	2019/08/01	2019/09/30	5	43
South Utilities	Site Preparation	2019/10/01	2020/05/31	5	174
South Paving	Paving	2020/04/01	2020/05/31	5	43
South Landscaping	Site Preparation	2020/05/01	2020/09/30	5	109
South Haul	Site Preparation	2019/08/01	2019/09/30	5	43
Off-site Central Grading	Grading	2019/09/01	2019/09/30	5	21
Off-site Central Utilities	Site Preparation	2019/10/01	2020/03/31	5	131
Off-site Central Paving	Paving	2020/04/01	2020/04/30	5	22
Off-site Central Landscaping	Landscaping	2020/05/01	2020/05/30	5	21
On-site Central Utilities	Site Preparation	2020/01/01	2020/06/30	5	130
On-site Central Paving	Paving	2020/06/01	2020/07/31	5	45
On-site Central Landscaping	Site Preparation	2020/08/01	2020/11/30	5	86
On-site North Utilities	Site Preparation	2022/01/01	2022/01/30	5	20
On-site North Paving	Paving	2022/06/01	2022/06/30	5	22
On-site North Landscaping	Site Preparation	2022/07/01	2022/07/31	5	21
Off-site North Grading	Grading	2020/10/01	2020/10/31	5	22
Off-site North Utilities	Site Preparation	2020/11/01	2020/12/31	5	44
Off-site North Pavement	Paving	2021/01/01	2021/01/31	5	21
Off-site North Landscape	Site Preparation	2021/03/01	2021/03/31	5	23
Striping	Architectural Coating	2022/07/01	2022/07/31	5	21

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Grading	default				
Utilities	Excavator	1			
	Rubber Tired Loader	1			
Paving	default				
Landscaping	Skid steer	2			
Haul	Off-highway trucks	4			
Architectural Coating	default				

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**
Grading - South Off-site	default				23.2
Grading - Central Off-site					5.3
Grading - North Off-site					6.3

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 North			25			0.5			MHDT
Grading South			473			0.5			MHDT
Grading Central			133			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	98		0	default				
Grading								
Slope Landscaping								
Utilities								
Paving								
Aritecutal Coating								
Haul								

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

Tables 12 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	--

PV Valley Road North additional bike lanes LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	36.60	1000sqft	0.84	36,600.00	0

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 - Applicant Provided Informaiton

Construction Phase - two days for striping

Off-road Equipment - equipment to match on-site

Off-road Equipment - equipment to match on-site

Architectural Coating - Striping for 33,600 sq. ft. of paving.

Woodstoves - No operational emissions

Area Coating - No operational emissions

Construction Off-road Equipment Mitigation - mitigation

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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
tblGrading	AcresOfGrading	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
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	7.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2023

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	2.7877	28.0776	20.9919	0.0393	6.1700	1.3267	7.4967	3.3495	1.2344	4.5839	0.0000	3,801.5036	3,801.5036	1.0317	0.0000	3,827.2952
Maximum	**2.7877**	**28.0776**	**20.9919**	**0.0393**	**6.1700**	**1.3267**	**7.4967**	**3.3495**	**1.2344**	**4.5839**	**0.0000**	**3,801.5036**	**3,801.5036**	**1.0317**	**0.0000**	**3,827.2952**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	2.1019	13.5320	24.8740	0.0393	2.4965	0.0612	2.5577	1.3302	0.0611	1.3913	0.0000	3,801.5036	3,801.5036	1.0317	0.0000	3,827.2952
Maximum	**2.1019**	**13.5320**	**24.8740**	**0.0393**	**2.4965**	**0.0612**	**2.5577**	**1.3302**	**0.0611**	**1.3913**	**0.0000**	**3,801.5036**	**3,801.5036**	**1.0317**	**0.0000**	**3,827.2952**

	ROG	**NOx**	**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	**24.60**	**51.81**	**-18.49**	**0.00**	**59.54**	**95.39**	**65.88**	**60.29**	**95.05**	**69.65**	**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	0.0203	3.0000e-005	3.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.0100e-003	8.0100e-003	2.0000e-005		8.5400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.0203**	**3.0000e-005**	**3.7400e-003**	**0.0000**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**1.0000e-005**		**8.0100e-003**	**8.0100e-003**	**2.0000e-005**	**0.0000**	**8.5400e-003**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0203	3.0000e-005	3.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.0100e-003	8.0100e-003	2.0000e-005		8.5400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.0203**	**3.0000e-005**	**3.7400e-003**	**0.0000**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**1.0000e-005**		**8.0100e-003**	**8.0100e-003**	**2.0000e-005**	**0.0000**	**8.5400e-003**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2021	10/4/2021	5	2	
2	Paving	Paving	10/5/2021	10/11/2021	5	5	
3	Architectural Coating	Architectural Coating	10/12/2021	10/18/2021	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.84

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 2,196

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
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	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	0	0.00	9	0.56
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.7171	28.0322	20.5431	0.0380		1.3257	1.3257		1.2335	1.2335		3,663.8850	3,663.8850	1.0277		3,689.5778
Total	**2.7171**	**28.0322**	**20.5431**	**0.0380**	**6.0221**	**1.3257**	**7.3478**	**3.3102**	**1.2335**	**4.5437**		**3,663.8850**	**3,663.8850**	**1.0277**		**3,689.5778**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	**0.0706**	**0.0454**	**0.4488**	**1.3800e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**137.6186**	**137.6186**	**3.9500e-003**		**137.7174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.6286	13.4866	24.4252	0.0380		0.0602	0.0602		0.0602	0.0602	0.0000	3,663.8850	3,663.8850	1.0277		3,689.5778
Total	**0.6286**	**13.4866**	**24.4252**	**0.0380**	**2.3486**	**0.0602**	**2.4088**	**1.2910**	**0.0602**	**1.3512**	**0.0000**	**3,663.8850**	**3,663.8850**	**1.0277**		**3,689.5778**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	**0.0706**	**0.0454**	**0.4488**	**1.3800e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**137.6186**	**137.6186**	**3.9500e-003**		**137.7174**

3.3 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	0.4402					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6957**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	**0.0588**	**0.0378**	**0.3740**	**1.1500e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**114.6821**	**114.6821**	**3.2900e-003**		**114.7645**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	0.4402					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7743**	**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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	**0.0588**	**0.0378**	**0.3740**	**1.1500e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**114.6821**	**114.6821**	**3.2900e-003**		**114.7645**

3.4 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	2.0357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**2.2546**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529
Total	**0.0118**	**7.5700e-003**	**0.0748**	**2.3000e-004**	**0.0246**	**1.7000e-004**	**0.0248**	**6.5400e-003**	**1.6000e-004**	**6.6900e-003**		**22.9364**	**22.9364**	**6.6000e-004**		**22.9529**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**2.0902**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529
Total	**0.0118**	**7.5700e-003**	**0.0748**	**2.3000e-004**	**0.0246**	**1.7000e-004**	**0.0248**	**6.5400e-003**	**1.6000e-004**	**6.6900e-003**		**22.9364**	**22.9364**	**6.6000e-004**		**22.9529**

CalEEMod Version: CalEEMod.2016.3.1 Date: 1/29/2018 10:44 AM

PV Valley Road North additional bike lanes LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	36.60	1000sqft	0.84	36,600.00	0

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 - Applicant Provided Informaiton

Construction Phase - two days for striping

Off-road Equipment - equipment to match on-site

Architectural Coating - Striping for 33,600 sq. ft. of paving.

Woodstoves - No operational emissions

Area Coating - No operational emissions

Construction Off-road Equipment Mitigation - mitigation

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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
tblGrading	AcresOfGrading	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
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	7.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2023

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	2.7793	28.0726	21.0205	0.0394	6.1700	1.3267	7.4967	3.3495	1.2344	4.5839	0.0000	3,810.4844	3,810.4844	1.0319	0.0000	3,836.2817
Maximum	**2.7793**	**28.0726**	**21.0205**	**0.0394**	**6.1700**	**1.3267**	**7.4967**	**3.3495**	**1.2344**	**4.5839**	**0.0000**	**3,810.4844**	**3,810.4844**	**1.0319**	**0.0000**	**3,836.2817**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	2.1006	13.5270	24.9026	0.0394	2.4965	0.0612	2.5577	1.3302	0.0611	1.3913	0.0000	3,810.4844	3,810.4844	1.0319	0.0000	3,836.2817
Maximum	**2.1006**	**13.5270**	**24.9026**	**0.0394**	**2.4965**	**0.0612**	**2.5577**	**1.3302**	**0.0611**	**1.3913**	**0.0000**	**3,810.4844**	**3,810.4844**	**1.0319**	**0.0000**	**3,836.2817**

	ROG	**NOx**	**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	**24.42**	**51.81**	**-18.47**	**0.00**	**59.54**	**95.39**	**65.88**	**60.29**	**95.05**	**69.65**	**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	0.0203	3.0000e-005	3.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.0100e-003	8.0100e-003	2.0000e-005		8.5400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.0203**	**3.0000e-005**	**3.7400e-003**	**0.0000**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**1.0000e-005**		**8.0100e-003**	**8.0100e-003**	**2.0000e-005**	**0.0000**	**8.5400e-003**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0203	3.0000e-005	3.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.0100e-003	8.0100e-003	2.0000e-005		8.5400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.0203**	**3.0000e-005**	**3.7400e-003**	**0.0000**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**1.0000e-005**		**8.0100e-003**	**8.0100e-003**	**2.0000e-005**	**0.0000**	**8.5400e-003**

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

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2021	10/4/2021	5	2	
2	Paving	Paving	10/5/2021	10/11/2021	5	5	
3	Architectural Coating	Architectural Coating	10/12/2021	10/18/2021	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.84

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 2,196

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
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	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	0	0.00	9	0.56
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.7171	28.0322	20.5431	0.0380		1.3257	1.3257		1.2335	1.2335		3,663.8850	3,663.8850	1.0277		3,689.5778
Total	**2.7171**	**28.0322**	**20.5431**	**0.0380**	**6.0221**	**1.3257**	**7.3478**	**3.3102**	**1.2335**	**4.5437**		**3,663.8850**	**3,663.8850**	**1.0277**		**3,689.5778**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	**0.0623**	**0.0405**	**0.4774**	**1.4700e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**146.5994**	**146.5994**	**4.1800e-003**		**146.7040**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.6286	13.4866	24.4252	0.0380		0.0602	0.0602		0.0602	0.0602	0.0000	3,663.8850	3,663.8850	1.0277		3,689.5778
Total	**0.6286**	**13.4866**	**24.4252**	**0.0380**	**2.3486**	**0.0602**	**2.4088**	**1.2910**	**0.0602**	**1.3512**	**0.0000**	**3,663.8850**	**3,663.8850**	**1.0277**		**3,689.5778**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	**0.0623**	**0.0405**	**0.4774**	**1.4700e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**146.5994**	**146.5994**	**4.1800e-003**		**146.7040**

3.3 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	0.4402					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6957**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	**0.0519**	**0.0337**	**0.3979**	**1.2300e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**122.1661**	**122.1661**	**3.4900e-003**		**122.2533**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	0.4402					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7743**	**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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	**0.0519**	**0.0337**	**0.3979**	**1.2300e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**122.1661**	**122.1661**	**3.4900e-003**		**122.2533**

3.4 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	2.0357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**2.2546**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507
Total	**0.0104**	**6.7400e-003**	**0.0796**	**2.5000e-004**	**0.0246**	**1.7000e-004**	**0.0248**	**6.5400e-003**	**1.6000e-004**	**6.6900e-003**		**24.4332**	**24.4332**	**7.0000e-004**		**24.4507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**2.0902**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507
Total	**0.0104**	**6.7400e-003**	**0.0796**	**2.5000e-004**	**0.0246**	**1.7000e-004**	**0.0248**	**6.5400e-003**	**1.6000e-004**	**6.6900e-003**		**24.4332**	**24.4332**	**7.0000e-004**		**24.4507**

CalEEMod Version: CalEEMod.2016.3.1

Date: 1/29/2018 10:51 AM

PV Valley Road North additional bike lanes 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												
Architectural Coating	0.07	0.30	-0.01	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.75	0.52	-0.19	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.53	0.22	-0.18	0.00	0.95	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	1	1	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	0	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 4 Interim	1	1	No Change	0.00
Excavators	Diesel	Tier 4 Interim	2	2	No Change	0.00
Graders	Diesel	Tier 4 Interim	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	2	2	No Change	0.00
Rollers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	1	1	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2	2	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	5.50000E-004	3.82000E-003	4.54000E-003	1.00000E-005	2.40000E-004	2.40000E-004	0.00000E+000	6.38310E-001	6.38310E-001	4.00000E-005	0.00000E+000	6.39410E-001
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	3.80000E-004	3.04000E-003	3.67000E-003	1.00000E-005	1.70000E-004	1.70000E-004	0.00000E+000	5.37660E-001	5.37660E-001	3.00000E-005	0.00000E+000	5.38440E-001
Excavators	4.60000E-004	4.31000E-003	6.54000E-003	1.00000E-005	2.10000E-004	1.90000E-004	0.00000E+000	9.07530E-001	9.07530E-001	2.90000E-004	0.00000E+000	9.14870E-001
Graders	4.50000E-004	5.92000E-003	1.77000E-003	1.00000E-005	1.90000E-004	1.70000E-004	0.00000E+000	5.82130E-001	5.82130E-001	1.90000E-004	0.00000E+000	5.86830E-001
Pavers	1.23000E-003	1.29800E-002	1.45200E-002	2.00000E-005	6.30000E-004	5.80000E-004	0.00000E+000	2.06412E+000	2.06412E+000	6.70000E-004	0.00000E+000	2.08081E+000
Paving Equipment	9.60000E-004	9.70000E-003	1.27100E-002	2.00000E-005	4.80000E-004	4.40000E-004	0.00000E+000	1.78922E+000	1.78922E+000	5.80000E-004	0.00000E+000	1.80369E+000
Rollers	9.50000E-004	9.62000E-003	9.40000E-003	1.00000E-005	5.90000E-004	5.40000E-004	0.00000E+000	1.15253E+000	1.15253E+000	3.70000E-004	0.00000E+000	1.16185E+000
Rubber Tired Dozers	1.05000E-003	1.09700E-002	4.04000E-003	1.00000E-005	5.30000E-004	4.90000E-004	0.00000E+000	7.50560E-001	7.50560E-001	2.40000E-004	0.00000E+000	7.56630E-001
Tractors/Loaders/Backhoes	3.70000E-004	3.79000E-003	4.52000E-003	1.00000E-005	2.20000E-004	2.10000E-004	0.00000E+000	5.45940E-001	5.45940E-001	1.80000E-004	0.00000E+000	5.50360E-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	1.40000E-004	2.65000E-003	4.58000E-003	1.00000E-005	1.00000E-005	1.00000E-005	0.00000E+000	6.38310E-001	6.38310E-001	4.00000E-005	0.00000E+000	6.39410E-001
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	1.10000E-004	2.23000E-003	3.86000E-003	1.00000E-005	1.00000E-005	1.00000E-005	0.00000E+000	5.37660E-001	5.37660E-001	3.00000E-005	0.00000E+000	5.38440E-001
Excavators	1.30000E-004	4.55000E-003	7.84000E-003	1.00000E-005	2.00000E-005	2.00000E-005	0.00000E+000	9.07530E-001	9.07530E-001	2.90000E-004	0.00000E+000	9.14870E-001
Graders	1.10000E-004	1.74000E-003	3.52000E-003	1.00000E-005	1.00000E-005	1.00000E-005	0.00000E+000	5.82130E-001	5.82130E-001	1.90000E-004	0.00000E+000	5.86830E-001
Pavers	2.90000E-004	1.03500E-002	1.78200E-002	2.00000E-005	4.00000E-005	4.00000E-005	0.00000E+000	2.06412E+000	2.06412E+000	6.70000E-004	0.00000E+000	2.08081E+000
Paving Equipment	2.50000E-004	9.01000E-003	1.55100E-002	2.00000E-005	3.00000E-005	3.00000E-005	0.00000E+000	1.78922E+000	1.78922E+000	5.80000E-004	0.00000E+000	1.80369E+000
Rollers	2.90000E-004	5.74000E-003	9.92000E-003	1.00000E-005	2.00000E-005	2.00000E-005	0.00000E+000	1.15253E+000	1.15253E+000	3.70000E-004	0.00000E+000	1.16185E+000
Rubber Tired Dozers	1.40000E-004	2.25000E-003	4.53000E-003	1.00000E-005	1.00000E-005	1.00000E-005	0.00000E+000	7.50560E-001	7.50560E-001	2.40000E-004	0.00000E+000	7.56630E-001
Tractors/Loaders/Backhoes	1.40000E-004	2.71000E-003	4.68000E-003	1.00000E-005	1.00000E-005	1.00000E-005	0.00000E+000	5.45940E-001	5.45940E-001	1.80000E-004	0.00000E+000	5.50360E-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	7.45455E-001	3.06283E-001	-8.81057E-003	0.00000E+000	9.58333E-001	9.58333E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	7.10526E-001	2.66447E-001	-5.17711E-002	0.00000E+000	9.41176E-001	9.41176E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	7.17391E-001	-5.56845E-002	-1.98777E-001	0.00000E+000	9.04762E-001	8.94737E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	7.55556E-001	7.06081E-001	-9.88701E-001	0.00000E+000	9.47368E-001	9.41176E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	7.64228E-001	2.02619E-001	-2.27273E-001	0.00000E+000	9.36508E-001	9.31034E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	7.39583E-001	7.11340E-002	-2.20299E-001	0.00000E+000	9.37500E-001	9.31818E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	6.94737E-001	4.03326E-001	-5.53191E-002	0.00000E+000	9.66102E-001	9.62963E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	8.66667E-001	7.94895E-001	-1.21287E-001	0.00000E+000	9.81132E-001	9.79592E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	6.21622E-001	2.84960E-001	-3.53982E-002	0.00000E+000	9.54545E-001	9.52381E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

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
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00

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 Selected	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	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 Charateristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley Road	Notes	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	01-Oct-21	Offsite Schedule	Proctor Valley EIR Assumptions
Operational Year	N/A		

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	N/A		
CO2 Intensity Factor (lb./Mwh)			
CH4 Intensity Factor (lb./Mwh)			
N20 Intensity Factor (lb./Mwh)			

CalEEMod Input Matrix
Project Charateristics

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**
Grading	Grading	01-Oct-21	04-Oct-21	5 days/week	3
Paving	Paving	05-Oct-21	11-Oct-21	5 days/week	5
Arch Coating	Arch Coating	12-Oct-21	13-Oct-21	5 days/week	2

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Grading	default				
Paving					
Arch Coating					

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement								
Phase Name	**Material Imported**	**Material Exported**	**Size Metric**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
SV Grading	default					23.17	default	
SCV Grading						5.28		
CV Grading						7.24		
NV Grading						12.55		

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**
South Paving	Refer to Construction VMT Worksheet								
South Landscaping									
Central Paving									
Central Landscaping									
North Paving									
North Landscaping									
PA 16/19 Paving									
PA 16/19 Landscaping									

CalEEMod Input Sheet
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)**
South Paving	default							
South Landscaping								
Central Paving								
Central Landscaping								
North Paving								
North Landscaping								
PA 16/19 Paving								
PA 16/19 Landscaping								

Table 11: Construction Trips and VMT										
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										

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
Construction – Vendor Truck and Worker Vehicle Trip Estimates for Building Construction Phases

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation	3	3.75	4	**4**
Grading	7	8.75	9	**10**
Slope Landscaping	2	2.50	3	**4**
Interact Paving -1	3	3.75	4	**4**
Interact Paving -2	3	3.75	4	**4**
Interact Paving -3	3	3.75	4	**4**
Interact Paving -4	3	3.75	4	**4**
Interact Paving -5	3	3.75	4	**4**
Interact Paving -6	3	3.75	4	**4**
Interact Paving -7	3	3.75	4	**4**
Interact Paving -8	3	3.75	4	**4**
Interact Utilities -1	2	2.50	3	**4**
Interact Utilities -2	2	2.50	3	**4**
Interact Utilities -3	2	2.50	3	**4**
Interact Utilities -4	2	2.50	3	**4**
Interact Utilities -5	2	2.50	3	**4**
Interact Utilities -6	2	2.50	3	**4**
Interact Utilities -7	2	2.50	3	**4**
Interact Utilities -8	2	2.50	3	**4**

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069

Equipment	1.25

Single Family Residential	Phase	Dwelling Units	DUs	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
North	1	36	36	12.96	13	**14**	3.85	4	**4**
	2	48	48	17.28	17	**18**	5.13	5	**6**
	3	49	57	20.52	21	**22**	6.09	6	**6**
	4	60	60	21.60	22	**22**	6.41	6	**6**
	5	60	60	21.60	22	**22**	6.41	6	**6**
	6	45	47	16.92	17	**18**	5.02	5	**6**
	7	48	48	17.28	17	**18**	5.13	5	**6**
	8	28	26	9.36	9	**10**	2.78	3	**4**
Total				**128.16**	*129*	**134**		*37*	**40**

North Residential

Single Family Residential	Phase	*Architectural Coating Workers (20%)*	*Architectural Coating Worker Trips Rounded*	*Architectural Coating Worker Trips Assumed (Even)*
North	1	2.592	3	4
	2	3.456	3	4
	3	4.104	4	4
	4	4.32	4	4
	5	4.32	4	4
	6	3.384	3	4
	7	3.456	3	4
	8	1.872	2	2
		25.6	*24*	**28**

North Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Swim Club North - Site Prep		0.00	0	**0**
Swim Club North - Grading		0.00	0	**0**
Swim Club North - Building Construction		0.00	0	**0**
Swim Club North - Landscaping		0.00	0	**0**
Swim Club North - Architectural Coating		0.00	0	**0**
Park 3- Site Preparation		0.00	0	**0**
Park 3- Grading		0.00	0	**0**
Park 3- Building Construction		0.00	0	**0**
Park 3 - Architectural Coating		0.00	0	**0**
Park 3- Paving		0.00	0	**0**
Park 3- Landscaping		0.00	0	**0**
Private Parks North Landscaping		0.00	0	**0**
Note: Arch Coating is based off 20% of building construction, not equipment				

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation	3	3.75	4	**4**
Grading	7	8.75	9	**10**
Slope Landscaping	2	2.50	3	**4**
Interact Paving -1	3	3.75	4	**4**
Interact Paving -2	3	3.75	4	**4**
Interact Paving -3	3	3.75	4	**4**
Interact Paving -4	3	3.75	4	**4**
Interact Paving -5	3	3.75	4	**4**
Interact Paving -6	3	3.75	4	**4**
Interact Paving -7	3	3.75	4	**4**
Interact Paving -8	3	3.75	4	**4**
Interact Paving -9	3	3.75	4	**4**
Interact Paving -10	3	3.75	4	**4**
Interact Paving -11	3	3.75	4	**4**
Interact Utilities	2	2.50	3	**4**

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069

Equipment	1.25

Single Family Residential	Phase	Dwelling Units	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
Central Village	1	104	37.44	37	**38**	11.12	11	**12**
	2	104	37.44	37	**38**	11.12	11	**12**
	3	116	41.76	42	**42**	12.40	12	**12**
	4	112	40.32	40	**40**	11.97	12	**12**
	5	112	40.32	40	**40**	11.97	12	**12**
	6	113	40.68	41	**42**	12.08	12	**12**
	7	112	40.32	40	**40**	11.97	12	**12**
	8	36	12.96	13	**14**	3.85	4	**4**
	9	23	8.28	8	**8**	2.46	2	**2**
	10	36	12.96	13	**14**	3.85	4	**4**
	11	29	10.44	10	**10**	3.10	3	**4**
Total				*321*	**326**		*95*	**98**

Central Residential

Single Family Residential	Phase	*Architectural Coating Workers (20%)*	*Architectural Coating Worker Trips Rounded*	Architectural Coating Worker Trips Assumed (Even)
Central Village	1	7.488	7	**8**
	2	7.488	7	**8**
	3	8.352	8	**8**
	4	8.064	8	**8**
	5	8.064	8	**8**
	6	8.136	8	**8**
	7	8.064	8	**8**
	8	2.592	3	**4**
	9	1.656	2	**2**
	10	2.592	3	**4**
	11	2.088	2	**2**
		0	*64*	**68**

Central Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Park 1- Site Preparation	7.00	8.75	9	**10**
Park 1- Grading	3.00	3.75	4	**4**
Park 1- Building Construction	3.00	3.75	4	**4**
Park 1- Landscaping	2.00	2.50	3	**4**
Park 1- Paving	6.00	7.50	8	**8**
Commercial 1- Site Preparation	7.00	8.75	9	**10**
Commercial 1- Grading	6.00	7.50	8	**8**
Commercial 1- Building Construction	4.80	6.00	6	**6**
School - Landscaping	2.00	2.50	3	**4**
School - Grading	6.00	7.50	8	**8**
School - Building Construction	25.20	31.50	32	**32**
Park 4- Site Preparation	7.00	8.75	9	**10**
Park 4- Grading	6.00	7.50	8	**8**
Park 4- Building Construction	3.00	3.75	4	**4**
Fire Station Site Preparation	6.00	7.50	8	**8**
Fire Station Grading	7.00	8.75	9	**10**
Fire Station Building Construction	3.15	3.94	4	**4**
Commercial 1 - Architectural Coating	0.96	1.20	1	**2**
Park 4- Architectural Coating	0.60	0.75	1	**2**
Commercial 1- Landscaping	2.00	2.50	3	**4**
Park 1 - Architectural Coating	0.60	0.75	1	**2**

School -Architectural Coating	5.04	6.30	6	**6**
Park 4- Landscaping	2.00	2.50	3	**4**
Commercial 1- Paving	6.00	7.50	8	**8**
Park 4- Paving	6.00	7.50	8	**8**
School - Site Prep	7.00	8.75	9	**10**
School - Paving	6.00	7.50	8	**8**
Fire Station - Architectural Coating	0.63	0.79	1	**2**
Fire Station Landscaping	2.00	2.50	3	**4**
Fire Station Paving	6.00	7.50	8	**8**
Note: Arch Coating is based off 20% of building construction, not equipment				

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Community Facility in MU - Site Preparation	3.00	3.75	4	**4**
Community Facility in MU - Grading	3.00	3.75	4	**4**
Community Facility in MU - Building Construction	1.60	2.00	2	**2**
Community Facility in MU - Architectural Coatings	0.32	2.00	2	**2**
Community Facility in MU - Landscape	2.00	2.50	3	**4**
Community Facility in MU - Paving	6.00	7.50	8	**8**
Senior Activity Center Site Landscaping	2.00	2.50	3	**4**
Swim Club Central Site Prep	2.00	2.50	3	**4**
Senior Activity Center Grading	4.00	5.00	5	**6**
Swim Club Central Grading	4.00	5.00	5	**6**
Senior Activity Center Building Construction	3.15	3.94	4	**4**
Swim Club Central Building Construction	0.63	0.79	1	**2**
Senior Activity Center Architectural Coating	0.63	0.79	1	**2**
Swim Club Architectural Coating	0.13	1.00	1	**2**
Senior Activity Center Landscaping	2.00	2.50	3	**4**
Swim Club Central Landscaping	2.00	2.50	3	**4**
Senior Activity Center Paving	6.00	7.50	8	**8**
Commercial 2- Site Preparation	2.00	2.50	3	**4**
Commercial 2- Grading	4.00	5.00	5	**6**
Commercial 2- Building Construction	1.60	2.00	2	**2**
Commercial 3- Architectural Coating	0.32	1.00	1	**2**

Commercial 3- Site Preparation	2.00	2.50	3	**4**
Commercial 3- Grading	4.00	5.00	5	**6**
Commercial 3- Building Construction	1.60	2.00	2	**2**
Commercial 2- Architectural Coating	0.32	1.00	1	**2**
Note: Arch Coating is based off 20% of building construction, not equipment				

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation	3	3.75	4	**4**
Grading	7	8.75	9	**10**
Slope Landscaping	2	2.50	3	**4**
Interact Paving -1	3	3.75	4	**4**
Interact Paving -2	3	3.75	4	**4**
Interact Paving -3	3	3.75	4	**4**
Interact Paving -4	3	3.75	4	**4**
Interact Paving -5	3	3.75	4	**4**
Interact Paving -6	3	3.75	4	**4**
Interact Paving -7	3	3.75	4	**4**
Interact Utilities	2	2.50	3	**4**

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation - Swimming Pool	2	2.50	3	4
Grading - Swimming Pool	4	5.00	5	6
Building Construction - Swimming Pool	4	5.00	5	6
Paving - Swimming Pool	7	8.75	9	10
Architectural Coating - Swimming Pool	N/A	1.00	1	2
Site Preparation - Park	3	3.75	4	4
Landscaping	2	2.50	3	4
Grading - Park	4	5.00	5	6
Building Construction - Park	3	3.75	4	4
Paving - Park	7	8.75	9	10
Architectural Coating - Park	N/A	0.75	1	2
Note: Arch Coating is based off 20% of building construction, not equipment				

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069

Equipment	1.25

Single Family Residential	Phase	Dwelling Units	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
South	1	42	15.12	15	**16**	4.49	4	**4**
	2	42	15.12	15	**16**	4.49	4	**4**
	3	36	12.96	13	**14**	3.85	4	**4**
	4	42	15.12	15	**16**	4.49	4	**4**
	5	42	15.12	15	**16**	4.49	4	**4**
	6	31	11.16	11	**12**	3.31	3	**4**
	7	16	5.76	6	**6**	1.71	2	**2**
Total				*90*	**96**		*25*	**26**

South Residential

Single Family Residential	Phase	*Architectural Coating Workers (20%)*	*Architectural Coating Worker Trips Rounded*	*Architectural Coating Worker Trips Assumed (Even)*
South	1	3.024	3	**4**
	2	3.024	3	**4**
	3	2.592	3	**4**
	4	3.024	3	**4**
	5	3.024	3	**4**
	6	2.232	2	**2**
	7	1.152	1	**2**
		0	*18*	**24**

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
South Grading	8	10.00	10	**10**
South Utilities	2	2.50	3	**4**
South Paving	6	7.50	8	**8**
South Landscaping	2	2.50	3	**4**
South Haul	4	5.00	5	**6**
Off-site Central Grading	8	10.00	10	**10**
Off-site Central Utilities	2	2.50	3	**4**
Off-site Central Paving	6	7.50	8	**8**
Off-site Central Landscaping	2	2.50	3	**4**
On-site Central Utilities	2	2.50	3	**4**
On-site Central Paving	6	7.50	8	**8**
On-site Central Landscaping	2	2.50	3	**4**
On-site North Utilities	2	2.50	3	**4**
On-site North Paving	6	7.50	8	**8**
On-site North Landscaping	2	2.50	3	**4**
Off-site North Grading	8	10.00	10	**10**
Off-site North Utilities	2	2.50	3	**4**
Off-site North Pavement	6	7.50	8	**8**
Off-site North Landscape	2	2.50	3	**4**
Striping	1	1.25	1	**2**

CalEEMod Output Files
Operational

CalEEMod Version: CalEEMod.2016.3.1 Date: 11/1/2017 2:07 PM

Proctor Valley EIR Operational LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	60.00	1000sqft	8.80	60,000.00	0
Industrial Park	7.50	1000sqft	2.30	7,500.00	0
Parking Lot	257.00	1000sqft	5.90	257,000.00	0
Arena	5.60	Acre	5.60	12,500.00	0
City Park	13.10	Acre	13.10	1,680.00	0
Condo/Townhouse	123.00	Dwelling Unit	8.20	216,000.00	352
Single Family Housing	1,407.00	Dwelling Unit	502.00	4,105,750.00	4024
Regional Shopping Center	15.00	1000sqft	1.50	15,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	64
Climate Zone	13			**Operational Year**	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	427.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - No Construction

Off-road Equipment - No construction

Trips and VMT - No Construction

Vehicle Trips - Refer to CalEEMod Input Matrix Table 5

Woodstoves - Refer to CalEEMod Input Matrix Tables 10 and 11

Area Coating - Refer to CalEEMod Input Matrix Table 13

Energy Use - Refer to CalEEMod Input Matrix Table 15

Water And Wastewater - Refer to CalEEMod Input Matrix Table 16

Solid Waste - Refer to CalEEMod Input Matrix Table 18

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	9,300.00	1.00
tblEnergyUse	LightingElect	2.91	2.49
tblEnergyUse	LightingElect	1,001.10	469.50
tblEnergyUse	LightingElect	2.61	2.23
tblEnergyUse	LightingElect	3.91	3.34
tblEnergyUse	LightingElect	0.88	0.75
tblEnergyUse	LightingElect	6.39	5.46
tblEnergyUse	LightingElect	1,608.84	764.00
tblEnergyUse	NT24E	4.27	3.65
tblEnergyUse	NT24E	4,109.59	3,639.25
tblEnergyUse	NT24E	1.18	1.01

tblEnergyUse	NT24E	4.97	4.25
tblEnergyUse	NT24E	3.16	2.70
tblEnergyUse	NT24E	6,680.41	3,936.00
tblEnergyUse	NT24NG	7.25	5.99
tblEnergyUse	NT24NG	4,180.00	1,400.00
tblEnergyUse	NT24NG	0.48	0.00
tblEnergyUse	NT24NG	4.20	3.59
tblEnergyUse	NT24NG	1.09	0.93
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tblEnergyUse	T24E	1.27	1.09
tblEnergyUse	T24E	257.33	793.25
tblEnergyUse	T24E	1.60	1.37
tblEnergyUse	T24E	4.88	4.17
tblEnergyUse	T24E	3.34	2.86
tblEnergyUse	T24E	374.93	1,102.00
tblEnergyUse	T24NG	4.34	3.42
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tblEnergyUse	T24NG	16.07	13.74
tblEnergyUse	T24NG	1.15	0.98
tblEnergyUse	T24NG	24,312.55	17,700.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
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tblFireplaces	NumberGas	773.85	0.00

tblFireplaces	NumberNoFireplace	12.30	0.00
tblFireplaces	NumberNoFireplace	140.70	0.00
tblFireplaces	NumberWood	43.05	0.00
tblFireplaces	NumberWood	492.45	0.00
tblLandUse	BuildingSpaceSquareFeet	243,936.00	12,500.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,680.00
tblLandUse	BuildingSpaceSquareFeet	123,000.00	216,000.00
tblLandUse	BuildingSpaceSquareFeet	2,532,600.00	4,105,750.00
tblLandUse	GreenSpaceSquareFeet	570,636.00	0.00
tblLandUse	LandUseSquareFeet	243,936.00	12,500.00
tblLandUse	LandUseSquareFeet	570,636.00	1,680.00
tblLandUse	LandUseSquareFeet	123,000.00	216,000.00
tblLandUse	LandUseSquareFeet	2,532,600.00	4,105,750.00
tblLandUse	LotAcreage	1.38	8.80
tblLandUse	LotAcreage	0.17	2.30
tblLandUse	LotAcreage	7.69	8.20
tblLandUse	LotAcreage	456.82	502.00
tblLandUse	LotAcreage	0.34	1.50
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblProjectCharacteristics	PrecipitationFrequency	40	64
tblSolidWaste	SolidWasteGenerationRate	0.48	0.00
tblSolidWaste	SolidWasteGenerationRate	1.13	0.00
tblSolidWaste	SolidWasteGenerationRate	56.58	0.00
tblSolidWaste	SolidWasteGenerationRate	78.00	0.00
tblSolidWaste	SolidWasteGenerationRate	9.30	0.00
tblSolidWaste	SolidWasteGenerationRate	15.75	0.00
tblSolidWaste	SolidWasteGenerationRate	1,649.84	1,586.00
tblTripsAndVMT	VendorTripNumber	222.00	0.00

tblTripsAndVMT	WorkerTripNumber	742.00	0.00
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
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tblVehicleTrips	CC_TL	7.30	9.71
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tblVehicleTrips	CC_TTP	30.00	100.00
tblVehicleTrips	CC_TTP	28.00	100.00
tblVehicleTrips	CC_TTP	64.70	100.00
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tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	5.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
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tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71

tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	65.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
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tblVehicleTrips	HO_TL	7.50	9.71
tblVehicleTrips	HO_TTP	39.60	0.00
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tblVehicleTrips	HS_TL	7.30	9.71
tblVehicleTrips	HS_TL	7.30	9.71
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HW_TL	10.80	9.71
tblVehicleTrips	HW_TL	10.80	9.71
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	60.19
tblVehicleTrips	ST_TR	5.67	6.52
tblVehicleTrips	ST_TR	2.49	0.78
tblVehicleTrips	ST_TR	49.97	128.73
tblVehicleTrips	ST_TR	9.91	9.15
tblVehicleTrips	SU_TR	16.74	44.29
tblVehicleTrips	SU_TR	4.84	5.56
tblVehicleTrips	SU_TR	0.73	0.23
tblVehicleTrips	SU_TR	25.24	65.02
tblVehicleTrips	SU_TR	8.62	7.96
tblVehicleTrips	WD_TR	33.33	30.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	6.68
tblVehicleTrips	WD_TR	15.43	12.00
tblVehicleTrips	WD_TR	6.83	2.13
tblVehicleTrips	WD_TR	42.70	110.00
tblVehicleTrips	WD_TR	9.52	8.79
tblWater	IndoorWaterUseRate	7,538,477.06	0.00
tblWater	IndoorWaterUseRate	0.00	5,994,212.50
tblWater	IndoorWaterUseRate	8,013,945.15	2,867,075.00
tblWater	IndoorWaterUseRate	1,739,815.03	749,162.50

tblWater	IndoorWaterUseRate	1,734,375.00	4,489,500.00
tblWater	IndoorWaterUseRate	1,111,087.82	1,172,562.50
tblWater	IndoorWaterUseRate	91,671,714.05	141,247,700.00
tblWater	OutdoorWaterUseRate	481,179.39	0.00
tblWater	OutdoorWaterUseRate	15,608,405.68	17,982,637.50
tblWater	OutdoorWaterUseRate	5,052,269.77	2,867,075.00
tblWater	OutdoorWaterUseRate	4,473,810.08	749,162.50
tblWater	OutdoorWaterUseRate	0.00	4,489,500.00
tblWater	OutdoorWaterUseRate	680,989.31	1,172,562.50
tblWater	OutdoorWaterUseRate	57,793,037.12	141,247,700.00
tblWoodstoves	NumberCatalytic	6.15	0.00
tblWoodstoves	NumberCatalytic	70.35	0.00
tblWoodstoves	NumberNoncatalytic	6.15	0.00
tblWoodstoves	NumberNoncatalytic	70.35	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	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	2.3612	21.0788	17.1638	0.0269	0.0000	1.2899	1.2899	0.0000	1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313	0.0000	2,607.3635
Maximum	**2.3612**	**21.0788**	**17.1638**	**0.0269**	**0.0000**	**1.2899**	**1.2899**	**0.0000**	**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**	**0.0000**	**2,607.3635**

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	2.3612	21.0788	17.1638	0.0269	0.0000	1.2899	1.2899	0.0000	1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313	0.0000	2,607.3635
Maximum	**2.3612**	**21.0788**	**17.1638**	**0.0269**	**0.0000**	**1.2899**	**1.2899**	**0.0000**	**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**	**0.0000**	**2,607.3635**

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

2.2 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	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Energy	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
Mobile	22.4800	93.8231	286.2327	1.1586	129.7329	0.8277	130.5605	34.6603	0.7692	35.4295		118,486.8584	118,486.8584	5.7156		118,629.7481
Total	**144.5736**	**103.9550**	**416.1290**	**1.2207**	**129.7329**	**2.2285**	**131.9614**	**34.6603**	**2.1700**	**36.8304**	**0.0000**	**129,782.7311**	**129,782.7311**	**6.1456**	**0.2029**	**129,996.8418**

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	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Energy	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
Mobile	22.4800	93.8231	286.2327	1.1586	129.7329	0.8277	130.5605	34.6603	0.7692	35.4295		118,486.8584	118,486.8584	5.7156		118,629.7481
Total	**144.5736**	**103.9550**	**416.1290**	**1.2207**	**129.7329**	**2.2285**	**131.9614**	**34.6603**	**2.1700**	**36.8304**	**0.0000**	**129,782.7311**	**129,782.7311**	**6.1456**	**0.2029**	**129,996.8418**

	ROG	**NOx**	**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	Building Construction	Building Construction	9/1/2019	9/2/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 5.9

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
	Tractors/Loaders/Backhoes	1	0.00	0	0.00
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

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
Building Construction	9	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	22.4800	93.8231	286.2327	1.1586	129.7329	0.8277	130.5605	34.6603	0.7692	35.4295		118,486.8584	118,486.8584	5.7156		118,629.7481
Unmitigated	22.4800	93.8231	286.2327	1.1586	129.7329	0.8277	130.5605	34.6603	0.7692	35.4295		118,486.8584	118,486.8584	5.7156		118,629.7481

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	168.00	0.00	0.00	424,133	424,133
City Park	65.50	788.49	580.20	856,439	856,439
Condo/Townhouse	821.64	801.96	683.88	2,824,543	2,824,543
Elementary School	720.00	0.00	0.00	1,817,712	1,817,712
Industrial Park	15.98	5.85	1.73	44,155	44,155
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	1,650.00	1,930.95	975.30	5,633,014	5,633,014
Single Family Housing	12,367.53	12,874.05	11199.72	43,378,394	43,378,394
Total	15,808.65	16,401.30	13,440.82	54,978,390	54,978,390

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Arena	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
City Park	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Condo/Townhouse	9.71	9.71	9.71	100.00	0.00	0.00	100	0	0
Elementary School	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Industrial Park	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Parking Lot	9.71	9.71	9.71	0.00	0.00	0.00	0	0	0
Regional Shopping Center	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Single Family Housing	9.71	9.71	9.71	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Industrial Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Parking Lot	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Arena	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
City Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Condo/Townhouse	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Regional Shopping Center	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
NaturalGas Unmitigated	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	322.26	3.4800e-003	0.0316	0.0265	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003		37.9130	37.9130	7.3000e-004	7.0000e-004	38.1383
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4347.12	0.0469	0.4006	0.1705	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.4263	511.4263	9.8000e-003	9.3800e-003	514.4654
Elementary School	703.562	7.5900e-003	0.0690	0.0579	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7720	82.7720	1.5900e-003	1.5200e-003	83.2638
Industrial Park	356.096	3.8400e-003	0.0349	0.0293	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003		41.8936	41.8936	8.0000e-004	7.7000e-004	42.1426
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	78.4932	8.5000e-004	7.7000e-003	6.4600e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.2345	9.2345	1.8000e-004	1.7000e-004	9.2894
Single Family Housing	88274.8	0.9520	8.1351	3.4618	0.0519		0.6577	0.6577		0.6577	0.6577		10,385.2699	10,385.2699	0.1991	0.1904	10,446.9844
Total		**1.0146**	**8.6789**	**3.7525**	**0.0554**		**0.7010**	**0.7010**		**0.7010**	**0.7010**		**11,068.5093**	**11,068.5093**	**0.2122**	**0.2029**	**11,134.2839**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	0.32226	3.4800e-003	0.0316	0.0265	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003		37.9130	37.9130	7.3000e-004	7.0000e-004	38.1383
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4.34712	0.0469	0.4006	0.1705	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.4263	511.4263	9.8000e-003	9.3800e-003	514.4654
Elementary School	0.703562	7.5900e-003	0.0690	0.0579	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7720	82.7720	1.5900e-003	1.5200e-003	83.2638
Industrial Park	0.356096	3.8400e-003	0.0349	0.0293	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003		41.8936	41.8936	8.0000e-004	7.7000e-004	42.1426
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.0784932	8.5000e-004	7.7000e-003	6.4600e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.2345	9.2345	1.8000e-004	1.7000e-004	9.2894
Single Family Housing	88.2748	0.9520	8.1351	3.4618	0.0519		0.6577	0.6577		0.6577	0.6577		10,385.2699	10,385.2699	0.1991	0.1904	10,446.9844
Total		**1.0146**	**8.6789**	**3.7525**	**0.0554**		**0.7010**	**0.7010**		**0.7010**	**0.7010**		**11,068.5093**	**11,068.5093**	**0.2122**	**0.2029**	**11,134.2839**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Unmitigated	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.6438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.6454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7897	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999		227.3634	227.3634	0.2179		232.8098
Total	**121.0789**	**1.4529**	**126.1438**	**6.6700e-003**		**0.6999**	**0.6999**		**0.6999**	**0.6999**	**0.0000**	**227.3634**	**227.3634**	**0.2179**	**0.0000**	**232.8098**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.6438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.6454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7897	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999		227.3634	227.3634	0.2179		232.8098
Total	**121.0789**	**1.4529**	**126.1438**	**6.6700e-003**		**0.6999**	**0.6999**		**0.6999**	**0.6999**	**0.0000**	**227.3634**	**227.3634**	**0.2179**	**0.0000**	**232.8098**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.1 Date: 11/1/2017 2:06 PM

Proctor Valley EIR Operational LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	60.00	1000sqft	8.80	60,000.00	0
Industrial Park	7.50	1000sqft	2.30	7,500.00	0
Parking Lot	257.00	1000sqft	5.90	257,000.00	0
Arena	5.60	Acre	5.60	12,500.00	0
City Park	13.10	Acre	13.10	1,680.00	0
Condo/Townhouse	123.00	Dwelling Unit	8.20	216,000.00	352
Single Family Housing	1,407.00	Dwelling Unit	502.00	4,105,750.00	4024
Regional Shopping Center	15.00	1000sqft	1.50	15,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	64
Climate Zone	13			**Operational Year**	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	427.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - No Construction

Off-road Equipment - No construction

Trips and VMT - No Construction

Vehicle Trips - Refer to CalEEMod Input Matrix Table 5

Woodstoves - Refer to CalEEMod Input Matrix Tables 10 and 11

Area Coating - Refer to CalEEMod Input Matrix Table 13

Energy Use - Refer to CalEEMod Input Matrix Table 15

Water And Wastewater - Refer to CalEEMod Input Matrix Table 16

Solid Waste - Refer to CalEEMod Input Matrix Table 18

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	9,300.00	1.00
tblEnergyUse	LightingElect	2.91	2.49
tblEnergyUse	LightingElect	1,001.10	469.50
tblEnergyUse	LightingElect	2.61	2.23
tblEnergyUse	LightingElect	3.91	3.34
tblEnergyUse	LightingElect	0.88	0.75
tblEnergyUse	LightingElect	6.39	5.46
tblEnergyUse	LightingElect	1,608.84	764.00
tblEnergyUse	NT24E	4.27	3.65
tblEnergyUse	NT24E	4,109.59	3,639.25
tblEnergyUse	NT24E	1.18	1.01

tblEnergyUse	NT24E	4.97	4.25
tblEnergyUse	NT24E	3.16	2.70
tblEnergyUse	NT24E	6,680.41	3,936.00
tblEnergyUse	NT24NG	7.25	5.99
tblEnergyUse	NT24NG	4,180.00	1,400.00
tblEnergyUse	NT24NG	0.48	0.00
tblEnergyUse	NT24NG	4.20	3.59
tblEnergyUse	NT24NG	1.09	0.93
tblEnergyUse	NT24NG	4,180.00	5,200.00
tblEnergyUse	T24E	1.27	1.09
tblEnergyUse	T24E	257.33	793.25
tblEnergyUse	T24E	1.60	1.37
tblEnergyUse	T24E	4.88	4.17
tblEnergyUse	T24E	3.34	2.86
tblEnergyUse	T24E	374.93	1,102.00
tblEnergyUse	T24NG	4.34	3.42
tblEnergyUse	T24NG	12,915.01	11,500.00
tblEnergyUse	T24NG	5.46	4.28
tblEnergyUse	T24NG	16.07	13.74
tblEnergyUse	T24NG	1.15	0.98
tblEnergyUse	T24NG	24,312.55	17,700.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	67.65	0.00
tblFireplaces	NumberGas	773.85	0.00

tblFireplaces	NumberNoFireplace	12.30	0.00
tblFireplaces	NumberNoFireplace	140.70	0.00
tblFireplaces	NumberWood	43.05	0.00
tblFireplaces	NumberWood	492.45	0.00
tblLandUse	BuildingSpaceSquareFeet	243,936.00	12,500.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,680.00
tblLandUse	BuildingSpaceSquareFeet	123,000.00	216,000.00
tblLandUse	BuildingSpaceSquareFeet	2,532,600.00	4,105,750.00
tblLandUse	GreenSpaceSquareFeet	570,636.00	0.00
tblLandUse	LandUseSquareFeet	243,936.00	12,500.00
tblLandUse	LandUseSquareFeet	570,636.00	1,680.00
tblLandUse	LandUseSquareFeet	123,000.00	216,000.00
tblLandUse	LandUseSquareFeet	2,532,600.00	4,105,750.00
tblLandUse	LotAcreage	1.38	8.80
tblLandUse	LotAcreage	0.17	2.30
tblLandUse	LotAcreage	7.69	8.20
tblLandUse	LotAcreage	456.82	502.00
tblLandUse	LotAcreage	0.34	1.50
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblProjectCharacteristics	PrecipitationFrequency	40	64
tblSolidWaste	SolidWasteGenerationRate	0.48	0.00
tblSolidWaste	SolidWasteGenerationRate	1.13	0.00
tblSolidWaste	SolidWasteGenerationRate	56.58	0.00
tblSolidWaste	SolidWasteGenerationRate	78.00	0.00
tblSolidWaste	SolidWasteGenerationRate	9.30	0.00
tblSolidWaste	SolidWasteGenerationRate	15.75	0.00
tblSolidWaste	SolidWasteGenerationRate	1,649.84	1,586.00
tblTripsAndVMT	VendorTripNumber	222.00	0.00

tblTripsAndVMT	WorkerTripNumber	742.00	0.00
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TTP	81.00	100.00
tblVehicleTrips	CC_TTP	48.00	100.00
tblVehicleTrips	CC_TTP	30.00	100.00
tblVehicleTrips	CC_TTP	28.00	100.00
tblVehicleTrips	CC_TTP	64.70	100.00
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	5.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71

tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	65.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.50	9.71
tblVehicleTrips	HO_TL	7.50	9.71
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HS_TL	7.30	9.71
tblVehicleTrips	HS_TL	7.30	9.71
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HW_TL	10.80	9.71
tblVehicleTrips	HW_TL	10.80	9.71
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	60.19
tblVehicleTrips	ST_TR	5.67	6.52
tblVehicleTrips	ST_TR	2.49	0.78
tblVehicleTrips	ST_TR	49.97	128.73
tblVehicleTrips	ST_TR	9.91	9.15
tblVehicleTrips	SU_TR	16.74	44.29
tblVehicleTrips	SU_TR	4.84	5.56
tblVehicleTrips	SU_TR	0.73	0.23
tblVehicleTrips	SU_TR	25.24	65.02
tblVehicleTrips	SU_TR	8.62	7.96
tblVehicleTrips	WD_TR	33.33	30.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	6.68
tblVehicleTrips	WD_TR	15.43	12.00
tblVehicleTrips	WD_TR	6.83	2.13
tblVehicleTrips	WD_TR	42.70	110.00
tblVehicleTrips	WD_TR	9.52	8.79
tblWater	IndoorWaterUseRate	7,538,477.06	0.00
tblWater	IndoorWaterUseRate	0.00	5,994,212.50
tblWater	IndoorWaterUseRate	8,013,945.15	2,867,075.00
tblWater	IndoorWaterUseRate	1,739,815.03	749,162.50

tblWater	IndoorWaterUseRate	1,734,375.00	4,489,500.00
tblWater	IndoorWaterUseRate	1,111,087.82	1,172,562.50
tblWater	IndoorWaterUseRate	91,671,714.05	141,247,700.00
tblWater	OutdoorWaterUseRate	481,179.39	0.00
tblWater	OutdoorWaterUseRate	15,608,405.68	17,982,637.50
tblWater	OutdoorWaterUseRate	5,052,269.77	2,867,075.00
tblWater	OutdoorWaterUseRate	4,473,810.08	749,162.50
tblWater	OutdoorWaterUseRate	0.00	4,489,500.00
tblWater	OutdoorWaterUseRate	680,989.31	1,172,562.50
tblWater	OutdoorWaterUseRate	57,793,037.12	141,247,700.00
tblWoodstoves	NumberCatalytic	6.15	0.00
tblWoodstoves	NumberCatalytic	70.35	0.00
tblWoodstoves	NumberNoncatalytic	6.15	0.00
tblWoodstoves	NumberNoncatalytic	70.35	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	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	2.3612	21.0788	17.1638	0.0269	0.0000	1.2899	1.2899	0.0000	1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313	0.0000	2,607.3635
Maximum	**2.3612**	**21.0788**	**17.1638**	**0.0269**	**0.0000**	**1.2899**	**1.2899**	**0.0000**	**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**	**0.0000**	**2,607.3635**

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	2.3612	21.0788	17.1638	0.0269	0.0000	1.2899	1.2899	0.0000	1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313	0.0000	2,607.3635
Maximum	**2.3612**	**21.0788**	**17.1638**	**0.0269**	**0.0000**	**1.2899**	**1.2899**	**0.0000**	**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**	**0.0000**	**2,607.3635**

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

2.2 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	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Energy	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
Mobile	23.2395	91.3120	296.1681	1.2193	129.7329	0.8253	130.5582	34.6603	0.7670	35.4273		124,618.6005	124,618.6005	5.7191		124,761.5776
Total	**145.3330**	**101.4439**	**426.0645**	**1.2813**	**129.7329**	**2.2262**	**131.9591**	**34.6603**	**2.1678**	**36.8282**	**0.0000**	**135,914.4732**	**135,914.4732**	**6.1491**	**0.2029**	**136,128.6713**

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	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Energy	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
Mobile	23.2395	91.3120	296.1681	1.2193	129.7329	0.8253	130.5582	34.6603	0.7670	35.4273		124,618.6005	124,618.6005	5.7191		124,761.5776
Total	**145.3330**	**101.4439**	**426.0645**	**1.2813**	**129.7329**	**2.2262**	**131.9591**	**34.6603**	**2.1678**	**36.8282**	**0.0000**	**135,914.4732**	**135,914.4732**	**6.1491**	**0.2029**	**136,128.6713**

	ROG	**NOx**	**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	Building Construction	Building Construction	9/1/2019	9/2/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 5.9

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
	Tractors/Loaders/Backhoes	1	0.00	0	0.00
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

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
Building Construction	9	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	23.2395	91.3120	296.1681	1.2193	129.7329	0.8253	130.5582	34.6603	0.7670	35.4273		124,618.6005	124,618.6005	5.7191		124,761.5776
Unmitigated	23.2395	91.3120	296.1681	1.2193	129.7329	0.8253	130.5582	34.6603	0.7670	35.4273		124,618.6005	124,618.6005	5.7191		124,761.5776

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	168.00	0.00	0.00	424,133	424,133
City Park	65.50	788.49	580.20	856,439	856,439
Condo/Townhouse	821.64	801.96	683.88	2,824,543	2,824,543
Elementary School	720.00	0.00	0.00	1,817,712	1,817,712
Industrial Park	15.98	5.85	1.73	44,155	44,155
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	1,650.00	1,930.95	975.30	5,633,014	5,633,014
Single Family Housing	12,367.53	12,874.05	11199.72	43,378,394	43,378,394
Total	15,808.65	16,401.30	13,440.82	54,978,390	54,978,390

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Arena	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
City Park	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Condo/Townhouse	9.71	9.71	9.71	100.00	0.00	0.00	100	0	0
Elementary School	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Industrial Park	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Parking Lot	9.71	9.71	9.71	0.00	0.00	0.00	0	0	0
Regional Shopping Center	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Single Family Housing	9.71	9.71	9.71	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Industrial Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Parking Lot	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Arena	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
City Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Condo/Townhouse	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Regional Shopping Center	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
NaturalGas Unmitigated	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	322.26	3.4800e-003	0.0316	0.0265	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003		37.9130	37.9130	7.3000e-004	7.0000e-004	38.1383
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4347.12	0.0469	0.4006	0.1705	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.4263	511.4263	9.8000e-003	9.3800e-003	514.4654
Elementary School	703.562	7.5900e-003	0.0690	0.0579	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7720	82.7720	1.5900e-003	1.5200e-003	83.2638
Industrial Park	356.096	3.8400e-003	0.0349	0.0293	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003		41.8936	41.8936	8.0000e-004	7.7000e-004	42.1426
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	78.4932	8.5000e-004	7.7000e-003	6.4600e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.2345	9.2345	1.8000e-004	1.7000e-004	9.2894
Single Family Housing	88274.8	0.9520	8.1351	3.4618	0.0519		0.6577	0.6577		0.6577	0.6577		10,385.2699	10,385.2699	0.1991	0.1904	10,446.9844
Total		**1.0146**	**8.6789**	**3.7525**	**0.0554**		**0.7010**	**0.7010**		**0.7010**	**0.7010**		**11,068.5093**	**11,068.5093**	**0.2122**	**0.2029**	**11,134.2839**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	0.32226	3.4800e-003	0.0316	0.0265	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003		37.9130	37.9130	7.3000e-004	7.0000e-004	38.1383
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4.34712	0.0469	0.4006	0.1705	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.4263	511.4263	9.8000e-003	9.3800e-003	514.4654
Elementary School	0.703562	7.5900e-003	0.0690	0.0579	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7720	82.7720	1.5900e-003	1.5200e-003	83.2638
Industrial Park	0.356096	3.8400e-003	0.0349	0.0293	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003		41.8936	41.8936	8.0000e-004	7.7000e-004	42.1426
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.0784932	8.5000e-004	7.7000e-003	6.4600e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.2345	9.2345	1.8000e-004	1.7000e-004	9.2894
Single Family Housing	88.2748	0.9520	8.1351	3.4618	0.0519		0.6577	0.6577		0.6577	0.6577		10,385.2699	10,385.2699	0.1991	0.1904	10,446.9844
Total		**1.0146**	**8.6789**	**3.7525**	**0.0554**		**0.7010**	**0.7010**		**0.7010**	**0.7010**		**11,068.5093**	**11,068.5093**	**0.2122**	**0.2029**	**11,134.2839**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Unmitigated	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.6438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.6454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7897	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999		227.3634	227.3634	0.2179		232.8098
Total	**121.0789**	**1.4529**	**126.1438**	**6.6700e-003**		**0.6999**	**0.6999**		**0.6999**	**0.6999**	**0.0000**	**227.3634**	**227.3634**	**0.2179**	**0.0000**	**232.8098**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.6438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.6454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7897	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999		227.3634	227.3634	0.2179		232.8098
Total	**121.0789**	**1.4529**	**126.1438**	**6.6700e-003**		**0.6999**	**0.6999**		**0.6999**	**0.6999**	**0.0000**	**227.3634**	**227.3634**	**0.2179**	**0.0000**	**232.8098**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.1

Date: 1/4/2018 3:59 PM

Proctor Valley EIR Operational 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												
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

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Cranes	Diesel	No Change	0	1	No Change	0.00
Forklifts	Diesel	No Change	0	3	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	4	No Change	0.00
Welders	Diesel	No Change	0	1	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					
Cranes	2.20000E-004	2.63000E-003	1.00000E-003	0.00000E+000	1.10000E-004	1.00000E-004	0.00000E+000	2.26710E-001	2.26710E-001	7.00000E-005	0.00000E+000	2.28500E-001
Forklifts	2.40000E-004	2.14000E-003	1.79000E-003	0.00000E+000	1.70000E-004	1.50000E-004	0.00000E+000	2.05910E-001	2.05910E-001	7.00000E-005	0.00000E+000	2.07540E-001
Generator Sets	2.20000E-004	1.89000E-003	1.86000E-003	0.00000E+000	1.10000E-004	1.10000E-004	0.00000E+000	2.82600E-001	2.82600E-001	2.00000E-005	0.00000E+000	2.83050E-001
Tractors/Loaders/ Backhoes	3.10000E-004	3.07000E-003	3.02000E-003	0.00000E+000	2.00000E-004	1.90000E-004	0.00000E+000	3.66180E-001	3.66180E-001	1.20000E-004	0.00000E+000	3.69080E-001
Welders	1.90000E-004	8.10000E-004	9.00000E-004	0.00000E+000	5.00000E-005	5.00000E-005	0.00000E+000	9.41100E-002	9.41100E-002	2.00000E-005	0.00000E+000	9.45000E-002

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					
Cranes	2.20000E-004	2.63000E-003	1.00000E-003	0.00000E+000	1.10000E-004	1.00000E-004	0.00000E+000	2.26710E-001	2.26710E-001	7.00000E-005	0.00000E+000	2.28500E-001
Forklifts	2.40000E-004	2.14000E-003	1.79000E-003	0.00000E+000	1.70000E-004	1.50000E-004	0.00000E+000	2.05910E-001	2.05910E-001	7.00000E-005	0.00000E+000	2.07540E-001
Generator Sets	2.20000E-004	1.89000E-003	1.86000E-003	0.00000E+000	1.10000E-004	1.10000E-004	0.00000E+000	2.82600E-001	2.82600E-001	2.00000E-005	0.00000E+000	2.83050E-001
Tractors/Loaders/Backhoes	3.10000E-004	3.07000E-003	3.02000E-003	0.00000E+000	2.00000E-004	1.90000E-004	0.00000E+000	3.66180E-001	3.66180E-001	1.20000E-004	0.00000E+000	3.69080E-001
Welders	1.90000E-004	8.10000E-004	9.00000E-004	0.00000E+000	5.00000E-005	5.00000E-005	0.00000E+000	9.41100E-002	9.41100E-002	2.00000E-005	0.00000E+000	9.45000E-002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
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	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	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
Tractors/Loaders/Backhoes	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
Welders	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

Fugitive Dust Mitigation

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

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.00	0.00	0.00	0.00	0.00	0.00

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	0.03	0.20		
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)	150.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	150.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
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	

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR Operational 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-Sep-19	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2028	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)	427.49	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

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: Land Use						
Land Use Type	**Land Use Subtype**	**Unit Amount**	**Size Metric**	**Lot Acreage**	**Square Feet[1]**	**Population[2]**
Educational	Elementary School	60.0	1000sqft	8.8	60,000	0
Industrial	Industrial Park (Public Safety)	7.5	1000sqft	2.3	7,500	0
Parking	Parking Lot	257	1000sqft	5.9 acres	257,004	0
Recreational	Arena (Community Facilities)	5.6	acre	5.6	12,500	0
Recreational	City Park	13.1	acre	20.1	1,680	0
Residential	Condo/Townhome	123	dwelling unit	8.2	216,000	338
Residential	Single Family Housing	1,407	dwelling unit	502.0	4,105,750	3,869
Retail	Regional Shopping Center	15	1000sqft	1.5	15,000	0
Notes: Parks adjusted to match traffic metrics						

Table 5: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to Trip Generation Worksheet	

Table 6: Vehicle Emissions
default

Table 7: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
default													

Table 8: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 9: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Table 10: Woodstoves						
Residential Land Use Subtype	**# Conventional**	**# Catalytic**	**# Non-Catalytic**	**# Pellet**	**Days/Year**	**Wood Mass (lb./year)**
Single Family Housing	0					

Table 11 cont.: Fireplaces							
Residential Land Use Subtype	**# Wood**	**# Gas**	**# Propane**	**# No Fireplace**	**Hours/Day**	**Days/Year**	**Wood Mass (lb./year)**
Single Family Housing	0						
User Defined Residential							
Notes: Fireplaces included in Consol natural gas demand							

Table 12: Consumer Products	
Category	**Emission Factor**
General Category	--
Parking	--
City Park Golf Course	--

Table 13: Area Architectural Coatings	
Reapplication Rate	default
Residential Interior	
Emission Factor (g/L)	150
square footage	--
Residential Exterior	
Emission Factor (g/L)	150
square footage	--
Parking	
Emission Factor (g/L)	--
square footage	--
Non-residential Interior	
Emission Factor (g/L)	150
square footage	--
Non-residential Exterior	
Emission Factor (g/L)	150
square footage	--
Source: SDAPCD Rule 67.0.1	

Table 14: Landscape Equipment	
Number of Days	
Snow Days	default
Summer Days	

Table 15: Energy Use					
Land Use Subtype	**Title-24 Electricity Energy Intensity (kWhr/size/year)**	**Nontitle-24 Electricity Energy Intensity (kWhr/size/year)**	**Lighting Energy Intensity (kWhr/size/year)**	**Title-24 Natural Gas Energy Intensity (kBTU/size /year)**	**Nontitle-24 Natural Gas Energy Intensity (kBTU/size /year)**
Arena (Community Facilities)	1.09	3.65	2.49	3.42	5.99
Elementary School	1.37	1.01	2.23	4.28	0.00
Industrial Park (Fire Station)	4.17	4.25	3.34	13.74	3.59
Multi Family Housing	793	3,639	470	11,500	1,400
Parking Lot	0.00	0.00	0.75	0.00	0.00
Regional Shopping Center	2.86	2.70	5.46	0.98	0.93
Single Family Housing	1,102	3,936	764	17,700	5,200
Consol, 2017					

Table 16: Water and Wastewater												
Land Use Subtype	**Size Metric**	**Indoor Water Use (gals/year)**	**Outdoor Water Use (gals/year)[1]**	**Electricity Intensity Factor to Supply (kWhr/Mgal)**	**Electricity Intensity Factor to Treat (kWhr/Mgal)**	**Electricity Intensity Factor to Distribute (kWhr/Mgal)**	**Electricity Intensity Factor or Wastewater Treatment (kWhr/Mgal)**	**Septic Tank (%)**	**Aerobic (%)**	**Facultative Lagoons (%)**	**Anaerobic Digester with Combustion of Digester Gas (%)**	**Anaerobic Digester with Cogeneration from Combustion of Digester Gas (%)**
Arena (Community Facilities)	acre	inld. in parks		default					100	default		
City Park	acre	5,994,213	17,982,638									
Elementary School	1000sqft	2,867,075	2,867,075									
Industrial Park (Public Safety)	1000sqft	749,163	749,163									
Multi Family Housing	dwelling unit	4,489,500	4,489,500									
Parking Lot	1000sqft	0	0									
Regional Shopping Center	1000sqft	1,172,563	1,172,563									
Single Family Housing	dwelling unit	141,247,700	141,247,700									
Notes: Community Facilities assumed in parks; 25% water use assumed indoor to reflect conservative analysis. All other land uses indoor use was assumed 50%.												

Table 17: Solid Waste					
Land Use Subtype	**Size Metric**	**Solid Waste Generation Rate (tons/year)[1]**	**Landfill No Gas Capture (%)**	**Landfill Gas Flare (%)**	**Landfill Capture Gas Energy Recovery (%)**
SFR	dweling unit	1586			
Note: Generation is project wide					

Table 18: Off-Road Equipment						
Equipment Type	**Number of Equipment**	**Hours/Day**	**Days/Year**	**Horsepower (HP)**	**Load Factor**	**Fuel Type**
default						

Table 19: Emergency Generators and Fire Pumps							
Equipment Type	Number of Equipment	Fuel Type	Horsepower (HP)	Load Factor (0-1)	Hours/Day	Hours/Year	Equipment Description
--							

Table 20: Generators / Fire Pumps EF
--

Table 21: Process Boilers						
Equipment Type	Number of Equipment	Fuel Type	Boiler Rating (MMBtu/hr.)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/year)	Equipment Description
--						

Table 22: Boilers EF
--

Table 23: User Defined
--

Table 24: Land Use Change				
Vegetation Land Use Type	**Vegetation Land Use Subtype**	**Initial Acres**	**Final Acres**	**Annual CO2 accumulation per acres (tonnes CO2/year)**
Refer to Carbon Sequestation Worksheet				

Table 25: Sequestration		
Broad Species Class	**Number of New Trees**	**Annual CO2 accumulation per tree (tonnes CO2/year)**
Refer to Carbon Sequestation Worksheet		

Table 26: Land Use & Site Enhancement	
Project Setting	Low Density Suburban
Land Use	
Dwelling Units/acre	--
Jobs/Job acre	
Increase Diversity	
Improve Walkability Design	
Intersections/ Square Miles	
Increase Destination Accessibility	
Distance to Downtown Job Center (miles)	
Increase Transit Accessibility	
Distance to Transit Station (miles)	
Integrate Below Market Rate Housing	
% Dwelling Units Below Market Rate	
Neighborhood Enhancements	
Improve Pedestrian Network	--
Provide Traffic Calming Measures	
% Streets with Improvement	
% Intersections with Improvement	
Implement NEV Network	
Parking Policy/Pricing	
Limit Parking Supply	--
% Reduction in Spaces	
Unbundle Parking Costs	
Monthly Parking Cost ($)	
On-Street Market Pricing	
% Increase in Price	
Transit Improvement	
Provide BRT System	--
% Lines BRT	
Expand Transit Network	
% Increase Transit Coverage	
Increase Transit Frequency	
Level of Implementation	
% Reduction in Headways	

Table 27: Commute	
Commute Trip	
Implementing Trip Reduction	--
% employee eligible	
Program Type	
Transit Subsidy	
Implementing Trip Reduction	
Daily Transit Subsidy Amount ($)	
Implementing Employee Parking "Cash-Out"	
% employee eligible	
Workplace Parking Charge	
% employee eligible	
Daily Parking Charge ($)	
Encourage Telecommuting and Alternative Work Schedules	
% employee work 9/80	
% employee work 4/40	
% employee telecommute 1.5 days	
Market Commute Trip Reduction Option	
% employee eligible	
Employee Vanpool/Shuttle	
% employee eligible	
% vanpool mode share	
Provide Ride Sharing Program	
% employee eligible	
School Trip	
Implement School Bus Program	--
% family using	

Table 28: Area Mitigation	
Hearth	
Only Natural Gas Hearth	--
No Hearth	
Consumer Products for General Category	
Use Low VOC Cleaning Supplies	--
Architectural Coating	
Use low VOC Paint (Residential Interior)	--
Use low VOC Paint (Residential Exterior)	
Use low VOC Paint (Non-Residential Interior)	
Use low VOC Paint (Non-Residential Exterior)	
Use low VOC Paint (Parking)	
Landscape Equipment	
% Electric Lawnmower	--
% Electric Leaf blower	
% Electric Chainsaw	

Table 29: Energy	
Building Energy	
Exceed Title 24	--
% Improvement	
Install High Efficiency Lighting	
% Lighting Energy Reduction	
Alternative Energy	
On-site Renewable Energy	--
kWh Generated	
% of Electric Use Generated	

Table 30: Energy Efficient Appliances		
Appliance Type	**Land Use Subtype**	**% Improvement**
Clothes Washer	--	
Dish Washer		
Fan		
Refrigerator		

Table 31: Water Mitigation	
Water Conservation Strategy	
Apply Water Conservation Strategy	--
% Reduction Indoor	--
% Reduction Outdoor	--
Water Supply	
Used Reclaimed Water	--
% Indoor Water Use	--
% Outdoor Water Use	
Use Gray Water	
% Indoor Water Use	
% Outdoor Water Use	
Indoor Water Use	
Install Low-flow Bathroom Faucet	--
% Reduction in flow	
Install Low-flow Kitchen Faucet	
% Reduction in flow	
Install Low-flow Toilet	
% Reduction in flow	
Install Low-flow Shower	
% Reduction in flow	
Outdoor Water Use	
Turf Reduction	--
Turf Reduction Area (acres)	
% Reduction turf	
Use Water-Efficient Irrigation Systems	
% Reduction	
Water Efficient Landscape	
MAWA (gal/yr)	
ETWU (gal/yr)	

Table 32: Solid Waste	
Institute Recycling and Composting Services	--
% Reduction in waste disposed	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 11/6/2017 1:22 PM

Proctor Valley EIR Operational LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	60.00	1000sqft	8.80	60,000.00	0
Industrial Park	7.50	1000sqft	2.30	7,500.00	0
Parking Lot	257.00	1000sqft	5.90	257,000.00	0
Arena	5.60	Acre	5.60	12,500.00	0
City Park	13.10	Acre	13.10	1,680.00	0
Condo/Townhouse	123.00	Dwelling Unit	8.20	216,000.00	352
Single Family Housing	1,407.00	Dwelling Unit	502.00	4,105,750.00	4024
Regional Shopping Center	15.00	1000sqft	1.50	15,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	64
Climate Zone	13			**Operational Year**	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	441.1	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - No Construction

Off-road Equipment - No construction

Trips and VMT - No Construction

Vehicle Trips - Refer to CalEEMod Input Matrix Table 5

Woodstoves - Refer to CalEEMod Input Matrix Tables 10 and 11

Area Coating - Refer to CalEEMod Input Matrix Table 13

Energy Use - Refer to CalEEMod Input Matrix Table 15

Water And Wastewater - Refer to CalEEMod Input Matrix Table 16

Solid Waste - Refer to CalEEMod Input Matrix Table 18

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	9,300.00	1.00
tblEnergyUse	LightingElect	2.91	2.49
tblEnergyUse	LightingElect	1,001.10	469.50
tblEnergyUse	LightingElect	2.61	2.23
tblEnergyUse	LightingElect	3.91	3.34
tblEnergyUse	LightingElect	0.88	0.75
tblEnergyUse	LightingElect	6.39	5.46
tblEnergyUse	LightingElect	1,608.84	764.00
tblEnergyUse	NT24E	4.27	3.65
tblEnergyUse	NT24E	4,109.59	3,639.25
tblEnergyUse	NT24E	1.18	1.01
tblEnergyUse	NT24E	4.97	4.25
tblEnergyUse	NT24E	3.16	2.70
tblEnergyUse	NT24E	6,680.41	3,936.00
tblEnergyUse	NT24NG	7.25	5.99
tblEnergyUse	NT24NG	4,180.00	1,400.00
tblEnergyUse	NT24NG	0.48	0.00
tblEnergyUse	NT24NG	4.20	3.59
tblEnergyUse	NT24NG	1.09	0.93
tblEnergyUse	NT24NG	4,180.00	5,200.00
tblEnergyUse	T24E	1.27	1.09
tblEnergyUse	T24E	257.33	793.25
tblEnergyUse	T24E	1.60	1.37
tblEnergyUse	T24E	4.88	4.17

tblEnergyUse	T24E	3.34	2.86
tblEnergyUse	T24E	374.93	1,102.00
tblEnergyUse	T24NG	4.34	3.42
tblEnergyUse	T24NG	12,915.01	11,500.00
tblEnergyUse	T24NG	5.46	4.28
tblEnergyUse	T24NG	16.07	13.74
tblEnergyUse	T24NG	1.15	0.98
tblEnergyUse	T24NG	24,312.55	17,700.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	67.65	0.00
tblFireplaces	NumberGas	773.85	0.00
tblFireplaces	NumberNoFireplace	12.30	0.00
tblFireplaces	NumberNoFireplace	140.70	0.00
tblFireplaces	NumberWood	43.05	0.00
tblFireplaces	NumberWood	492.45	0.00
tblLandUse	BuildingSpaceSquareFeet	243,936.00	12,500.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,680.00
tblLandUse	BuildingSpaceSquareFeet	123,000.00	216,000.00
tblLandUse	BuildingSpaceSquareFeet	2,532,600.00	4,105,750.00
tblLandUse	GreenSpaceSquareFeet	570,636.00	0.00
tblLandUse	LandUseSquareFeet	243,936.00	12,500.00
tblLandUse	LandUseSquareFeet	570,636.00	1,680.00
tblLandUse	LandUseSquareFeet	123,000.00	216,000.00
tblLandUse	LandUseSquareFeet	2,532,600.00	4,105,750.00

tblLandUse	LotAcreage	1.38	8.80
tblLandUse	LotAcreage	0.17	2.30
tblLandUse	LotAcreage	7.69	8.20
tblLandUse	LotAcreage	456.82	502.00
tblLandUse	LotAcreage	0.34	1.50
tblProjectCharacteristics	CO2IntensityFactor	720.49	441.1
tblProjectCharacteristics	OperationalYear	2018	2027
tblProjectCharacteristics	PrecipitationFrequency	40	64
tblSolidWaste	SolidWasteGenerationRate	0.48	0.00
tblSolidWaste	SolidWasteGenerationRate	1.13	0.00
tblSolidWaste	SolidWasteGenerationRate	56.58	0.00
tblSolidWaste	SolidWasteGenerationRate	78.00	0.00
tblSolidWaste	SolidWasteGenerationRate	9.30	0.00
tblSolidWaste	SolidWasteGenerationRate	15.75	0.00
tblSolidWaste	SolidWasteGenerationRate	1,649.84	1,586.00
tblTripsAndVMT	VendorTripNumber	222.00	0.00
tblTripsAndVMT	WorkerTripNumber	742.00	0.00
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TTP	81.00	100.00
tblVehicleTrips	CC_TTP	48.00	100.00
tblVehicleTrips	CC_TTP	30.00	100.00
tblVehicleTrips	CC_TTP	28.00	100.00
tblVehicleTrips	CC_TTP	64.70	100.00
tblVehicleTrips	CNW_TL	7.30	9.71

tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	5.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	65.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.50	9.71
tblVehicleTrips	HO_TL	7.50	9.71

tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HS_TL	7.30	9.71
tblVehicleTrips	HS_TL	7.30	9.71
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HW_TL	10.80	9.71
tblVehicleTrips	HW_TL	10.80	9.71
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	60.19
tblVehicleTrips	ST_TR	5.67	6.52
tblVehicleTrips	ST_TR	2.49	0.78
tblVehicleTrips	ST_TR	49.97	128.73
tblVehicleTrips	ST_TR	9.91	9.15

tblVehicleTrips	SU_TR	16.74	44.29
tblVehicleTrips	SU_TR	4.84	5.56
tblVehicleTrips	SU_TR	0.73	0.23
tblVehicleTrips	SU_TR	25.24	65.02
tblVehicleTrips	SU_TR	8.62	7.96
tblVehicleTrips	WD_TR	33.33	30.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	6.68
tblVehicleTrips	WD_TR	15.43	12.00
tblVehicleTrips	WD_TR	6.83	2.13
tblVehicleTrips	WD_TR	42.70	110.00
tblVehicleTrips	WD_TR	9.52	8.79
tblWater	IndoorWaterUseRate	7,538,477.06	0.00
tblWater	IndoorWaterUseRate	0.00	5,994,212.50
tblWater	IndoorWaterUseRate	8,013,945.15	2,867,075.00
tblWater	IndoorWaterUseRate	1,739,815.03	749,162.50
tblWater	IndoorWaterUseRate	1,734,375.00	4,489,500.00
tblWater	IndoorWaterUseRate	1,111,087.82	1,172,562.50
tblWater	IndoorWaterUseRate	91,671,714.05	141,247,700.00
tblWater	OutdoorWaterUseRate	481,179.39	0.00
tblWater	OutdoorWaterUseRate	15,608,405.68	17,982,637.50
tblWater	OutdoorWaterUseRate	5,052,269.77	2,867,075.00
tblWater	OutdoorWaterUseRate	4,473,810.08	749,162.50
tblWater	OutdoorWaterUseRate	0.00	4,489,500.00
tblWater	OutdoorWaterUseRate	680,989.31	1,172,562.50
tblWater	OutdoorWaterUseRate	57,793,037.12	141,247,700.00
tblWoodstoves	NumberCatalytic	6.15	0.00
tblWoodstoves	NumberCatalytic	70.35	0.00
tblWoodstoves	NumberNoncatalytic	6.15	0.00

tblWoodstoves	NumberNoncatalytic	70.35	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	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	2.3612	21.0788	17.1638	0.0269	0.0000	1.2899	1.2899	0.0000	1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313	0.0000	2,607.3635
Maximum	**2.3612**	**21.0788**	**17.1638**	**0.0269**	**0.0000**	**1.2899**	**1.2899**	**0.0000**	**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**	**0.0000**	**2,607.3635**

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	2.3612	21.0788	17.1638	0.0269	0.0000	1.2899	1.2899	0.0000	1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313	0.0000	2,607.3635
Maximum	**2.3612**	**21.0788**	**17.1638**	**0.0269**	**0.0000**	**1.2899**	**1.2899**	**0.0000**	**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**	**0.0000**	**2,607.3635**

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

2.2 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	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Energy	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
Mobile	23.3613	97.0178	297.6468	1.1880	129.7445	0.8964	130.6409	34.6656	0.8331	35.4987		121,403.3878	121,403.3878	5.8698		121,550.1320
Total	**145.4548**	**107.1496**	**427.5432**	**1.2500**	**129.7445**	**2.2973**	**132.0418**	**34.6656**	**2.2339**	**36.8995**	**0.0000**	**132,699.2605**	**132,699.2605**	**6.2998**	**0.2029**	**132,917.2257**

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	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Energy	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
Mobile	23.3613	97.0178	297.6468	1.1880	129.7445	0.8964	130.6409	34.6656	0.8331	35.4987		121,403.3878	121,403.3878	5.8698		121,550.1320
Total	**145.4548**	**107.1496**	**427.5432**	**1.2500**	**129.7445**	**2.2973**	**132.0418**	**34.6656**	**2.2339**	**36.8995**	**0.0000**	**132,699.2605**	**132,699.2605**	**6.2998**	**0.2029**	**132,917.2257**

	ROG	**NOx**	**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	Building Construction	Building Construction	9/1/2019	9/2/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 5.9

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
	Tractors/Loaders/Backhoes	1	0.00	0	0.00
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

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
Building Construction	9	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	23.3613	97.0178	297.6468	1.1880	129.7445	0.8964	130.6409	34.6656	0.8331	35.4987		121,403.3878	121,403.3878	5.8698		121,550.1320
Unmitigated	23.3613	97.0178	297.6468	1.1880	129.7445	0.8964	130.6409	34.6656	0.8331	35.4987		121,403.3878	121,403.3878	5.8698		121,550.1320

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	168.00	0.00	0.00	424,133	424,133
City Park	65.50	788.49	580.20	856,439	856,439
Condo/Townhouse	821.64	801.96	683.88	2,824,543	2,824,543
Elementary School	720.00	0.00	0.00	1,817,712	1,817,712
Industrial Park	15.98	5.85	1.73	44,155	44,155
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	1,650.00	1,930.95	975.30	5,633,014	5,633,014
Single Family Housing	12,367.53	12,874.05	11199.72	43,378,394	43,378,394
Total	15,808.65	16,401.30	13,440.82	54,978,390	54,978,390

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Arena	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
City Park	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Condo/Townhouse	9.71	9.71	9.71	100.00	0.00	0.00	100	0	0
Elementary School	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Industrial Park	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Parking Lot	9.71	9.71	9.71	0.00	0.00	0.00	0	0	0
Regional Shopping Center	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Single Family Housing	9.71	9.71	9.71	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Industrial Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Parking Lot	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Arena	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Condo/Townhouse	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Single Family Housing	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Regional Shopping Center	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
NaturalGas Unmitigated	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	322.26	3.4800e-003	0.0316	0.0265	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003		37.9130	37.9130	7.3000e-004	7.0000e-004	38.1383
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4347.12	0.0469	0.4006	0.1705	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.4263	511.4263	9.8000e-003	9.3800e-003	514.4654
Elementary School	703.562	7.5900e-003	0.0690	0.0579	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7720	82.7720	1.5900e-003	1.5200e-003	83.2638
Industrial Park	356.096	3.8400e-003	0.0349	0.0293	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003		41.8936	41.8936	8.0000e-004	7.7000e-004	42.1426
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	78.4932	8.5000e-004	7.7000e-003	6.4600e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.2345	9.2345	1.8000e-004	1.7000e-004	9.2894
Single Family Housing	88274.8	0.9520	8.1351	3.4618	0.0519		0.6577	0.6577		0.6577	0.6577		10,385.2699	10,385.2699	0.1991	0.1904	10,446.9844
Total		**1.0146**	**8.6789**	**3.7525**	**0.0554**		**0.7010**	**0.7010**		**0.7010**	**0.7010**		**11,068.5093**	**11,068.5093**	**0.2122**	**0.2029**	**11,134.2839**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	0.32226	3.4800e-003	0.0316	0.0265	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003		37.9130	37.9130	7.3000e-004	7.0000e-004	38.1383
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4.34712	0.0469	0.4006	0.1705	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.4263	511.4263	9.8000e-003	9.3800e-003	514.4654
Elementary School	0.703562	7.5900e-003	0.0690	0.0579	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7720	82.7720	1.5900e-003	1.5200e-003	83.2638
Industrial Park	0.356096	3.8400e-003	0.0349	0.0293	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003		41.8936	41.8936	8.0000e-004	7.7000e-004	42.1426
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.0784932	8.5000e-004	7.7000e-003	6.4600e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.2345	9.2345	1.8000e-004	1.7000e-004	9.2894
Single Family Housing	88.2748	0.9520	8.1351	3.4618	0.0519		0.6577	0.6577		0.6577	0.6577		10,385.2699	10,385.2699	0.1991	0.1904	10,446.9844
Total		**1.0146**	**8.6789**	**3.7525**	**0.0554**		**0.7010**	**0.7010**		**0.7010**	**0.7010**		**11,068.5093**	**11,068.5093**	**0.2122**	**0.2029**	**11,134.2839**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Unmitigated	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.6438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.6454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7897	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999		227.3634	227.3634	0.2179		232.8098
Total	**121.0789**	**1.4529**	**126.1438**	**6.6700e-003**		**0.6999**	**0.6999**		**0.6999**	**0.6999**	**0.0000**	**227.3634**	**227.3634**	**0.2179**	**0.0000**	**232.8098**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.6438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.6454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7897	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999		227.3634	227.3634	0.2179		232.8098
Total	**121.0789**	**1.4529**	**126.1438**	**6.6700e-003**		**0.6999**	**0.6999**		**0.6999**	**0.6999**	**0.0000**	**227.3634**	**227.3634**	**0.2179**	**0.0000**	**232.8098**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.1 Date: 11/6/2017 1:20 PM

Proctor Valley EIR Operational LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	60.00	1000sqft	8.80	60,000.00	0
Industrial Park	7.50	1000sqft	2.30	7,500.00	0
Parking Lot	257.00	1000sqft	5.90	257,000.00	0
Arena	5.60	Acre	5.60	12,500.00	0
City Park	13.10	Acre	13.10	1,680.00	0
Condo/Townhouse	123.00	Dwelling Unit	8.20	216,000.00	352
Single Family Housing	1,407.00	Dwelling Unit	502.00	4,105,750.00	4024
Regional Shopping Center	15.00	1000sqft	1.50	15,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	64
Climate Zone	13			**Operational Year**	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	441.1	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - No Construction

Off-road Equipment - No construction

Trips and VMT - No Construction

Vehicle Trips - Refer to CalEEMod Input Matrix Table 5

Woodstoves - Refer to CalEEMod Input Matrix Tables 10 and 11

Area Coating - Refer to CalEEMod Input Matrix Table 13

Energy Use - Refer to CalEEMod Input Matrix Table 15

Water And Wastewater - Refer to CalEEMod Input Matrix Table 16

Solid Waste - Refer to CalEEMod Input Matrix Table 18

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	9,300.00	1.00
tblEnergyUse	LightingElect	2.91	2.49
tblEnergyUse	LightingElect	1,001.10	469.50
tblEnergyUse	LightingElect	2.61	2.23
tblEnergyUse	LightingElect	3.91	3.34
tblEnergyUse	LightingElect	0.88	0.75
tblEnergyUse	LightingElect	6.39	5.46
tblEnergyUse	LightingElect	1,608.84	764.00
tblEnergyUse	NT24E	4.27	3.65
tblEnergyUse	NT24E	4,109.59	3,639.25
tblEnergyUse	NT24E	1.18	1.01
tblEnergyUse	NT24E	4.97	4.25
tblEnergyUse	NT24E	3.16	2.70
tblEnergyUse	NT24E	6,680.41	3,936.00
tblEnergyUse	NT24NG	7.25	5.99
tblEnergyUse	NT24NG	4,180.00	1,400.00
tblEnergyUse	NT24NG	0.48	0.00
tblEnergyUse	NT24NG	4.20	3.59
tblEnergyUse	NT24NG	1.09	0.93
tblEnergyUse	NT24NG	4,180.00	5,200.00
tblEnergyUse	T24E	1.27	1.09
tblEnergyUse	T24E	257.33	793.25
tblEnergyUse	T24E	1.60	1.37
tblEnergyUse	T24E	4.88	4.17

tblEnergyUse	T24E	3.34	2.86
tblEnergyUse	T24E	374.93	1,102.00
tblEnergyUse	T24NG	4.34	3.42
tblEnergyUse	T24NG	12,915.01	11,500.00
tblEnergyUse	T24NG	5.46	4.28
tblEnergyUse	T24NG	16.07	13.74
tblEnergyUse	T24NG	1.15	0.98
tblEnergyUse	T24NG	24,312.55	17,700.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	67.65	0.00
tblFireplaces	NumberGas	773.85	0.00
tblFireplaces	NumberNoFireplace	12.30	0.00
tblFireplaces	NumberNoFireplace	140.70	0.00
tblFireplaces	NumberWood	43.05	0.00
tblFireplaces	NumberWood	492.45	0.00
tblLandUse	BuildingSpaceSquareFeet	243,936.00	12,500.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,680.00
tblLandUse	BuildingSpaceSquareFeet	123,000.00	216,000.00
tblLandUse	BuildingSpaceSquareFeet	2,532,600.00	4,105,750.00
tblLandUse	GreenSpaceSquareFeet	570,636.00	0.00
tblLandUse	LandUseSquareFeet	243,936.00	12,500.00
tblLandUse	LandUseSquareFeet	570,636.00	1,680.00
tblLandUse	LandUseSquareFeet	123,000.00	216,000.00
tblLandUse	LandUseSquareFeet	2,532,600.00	4,105,750.00

tblLandUse	LotAcreage	1.38	8.80
tblLandUse	LotAcreage	0.17	2.30
tblLandUse	LotAcreage	7.69	8.20
tblLandUse	LotAcreage	456.82	502.00
tblLandUse	LotAcreage	0.34	1.50
tblProjectCharacteristics	CO2IntensityFactor	720.49	441.1
tblProjectCharacteristics	OperationalYear	2018	2027
tblProjectCharacteristics	PrecipitationFrequency	40	64
tblSolidWaste	SolidWasteGenerationRate	0.48	0.00
tblSolidWaste	SolidWasteGenerationRate	1.13	0.00
tblSolidWaste	SolidWasteGenerationRate	56.58	0.00
tblSolidWaste	SolidWasteGenerationRate	78.00	0.00
tblSolidWaste	SolidWasteGenerationRate	9.30	0.00
tblSolidWaste	SolidWasteGenerationRate	15.75	0.00
tblSolidWaste	SolidWasteGenerationRate	1,649.84	1,586.00
tblTripsAndVMT	VendorTripNumber	222.00	0.00
tblTripsAndVMT	WorkerTripNumber	742.00	0.00
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TL	7.30	9.71
tblVehicleTrips	CC_TTP	81.00	100.00
tblVehicleTrips	CC_TTP	48.00	100.00
tblVehicleTrips	CC_TTP	30.00	100.00
tblVehicleTrips	CC_TTP	28.00	100.00
tblVehicleTrips	CC_TTP	64.70	100.00
tblVehicleTrips	CNW_TL	7.30	9.71

tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TL	7.30	9.71
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	5.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TL	9.50	9.71
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	65.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.50	9.71
tblVehicleTrips	HO_TL	7.50	9.71

tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HS_TL	7.30	9.71
tblVehicleTrips	HS_TL	7.30	9.71
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HW_TL	10.80	9.71
tblVehicleTrips	HW_TL	10.80	9.71
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	60.19
tblVehicleTrips	ST_TR	5.67	6.52
tblVehicleTrips	ST_TR	2.49	0.78
tblVehicleTrips	ST_TR	49.97	128.73
tblVehicleTrips	ST_TR	9.91	9.15

tblVehicleTrips	SU_TR	16.74	44.29
tblVehicleTrips	SU_TR	4.84	5.56
tblVehicleTrips	SU_TR	0.73	0.23
tblVehicleTrips	SU_TR	25.24	65.02
tblVehicleTrips	SU_TR	8.62	7.96
tblVehicleTrips	WD_TR	33.33	30.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	6.68
tblVehicleTrips	WD_TR	15.43	12.00
tblVehicleTrips	WD_TR	6.83	2.13
tblVehicleTrips	WD_TR	42.70	110.00
tblVehicleTrips	WD_TR	9.52	8.79
tblWater	IndoorWaterUseRate	7,538,477.06	0.00
tblWater	IndoorWaterUseRate	0.00	5,994,212.50
tblWater	IndoorWaterUseRate	8,013,945.15	2,867,075.00
tblWater	IndoorWaterUseRate	1,739,815.03	749,162.50
tblWater	IndoorWaterUseRate	1,734,375.00	4,489,500.00
tblWater	IndoorWaterUseRate	1,111,087.82	1,172,562.50
tblWater	IndoorWaterUseRate	91,671,714.05	141,247,700.00

tblWater	OutdoorWaterUseRate	481,179.39	0.00
tblWater	OutdoorWaterUseRate	15,608,405.68	17,982,637.50
tblWater	OutdoorWaterUseRate	5,052,269.77	2,867,075.00
tblWater	OutdoorWaterUseRate	4,473,810.08	749,162.50
tblWater	OutdoorWaterUseRate	0.00	4,489,500.00
tblWater	OutdoorWaterUseRate	680,989.31	1,172,562.50
tblWater	OutdoorWaterUseRate	57,793,037.12	141,247,700.00
tblWoodstoves	NumberCatalytic	6.15	0.00
tblWoodstoves	NumberCatalytic	70.35	0.00
tblWoodstoves	NumberNoncatalytic	6.15	0.00
tblWoodstoves	NumberNoncatalytic	70.35	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	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	2.3612	21.0788	17.1638	0.0269	0.0000	1.2899	1.2899	0.0000	1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313	0.0000	2,607.3635
Maximum	**2.3612**	**21.0788**	**17.1638**	**0.0269**	**0.0000**	**1.2899**	**1.2899**	**0.0000**	**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**	**0.0000**	**2,607.3635**

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	2.3612	21.0788	17.1638	0.0269	0.0000	1.2899	1.2899	0.0000	1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313	0.0000	2,607.3635
Maximum	**2.3612**	**21.0788**	**17.1638**	**0.0269**	**0.0000**	**1.2899**	**1.2899**	**0.0000**	**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**	**0.0000**	**2,607.3635**

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

2.2 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	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Energy	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
Mobile	24.1487	94.3268	308.0216	1.2507	129.7445	0.8938	130.6383	34.6656	0.8306	35.4962		127,716.3341	127,716.3341	5.8752		127,863.2148
Total	**146.2422**	**104.4587**	**437.9179**	**1.3127**	**129.7445**	**2.2947**	**132.0392**	**34.6656**	**2.2315**	**36.8970**	**0.0000**	**139,012.2068**	**139,012.2068**	**6.3052**	**0.2029**	**139,230.3085**

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	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Energy	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
Mobile	24.1487	94.3268	308.0216	1.2507	129.7445	0.8938	130.6383	34.6656	0.8306	35.4962		127,716.3341	127,716.3341	5.8752		127,863.2148
Total	**146.2422**	**104.4587**	**437.9179**	**1.3127**	**129.7445**	**2.2947**	**132.0392**	**34.6656**	**2.2315**	**36.8970**	**0.0000**	**139,012.2068**	**139,012.2068**	**6.3052**	**0.2029**	**139,230.3085**

	ROG	**NOx**	**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	Building Construction	Building Construction	9/1/2019	9/2/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 5.9

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
	Tractors/Loaders/Backhoes	1	0.00	0	0.00
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

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
Building Construction	9	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	24.1487	94.3268	308.0216	1.2507	129.7445	0.8938	130.6383	34.6656	0.8306	35.4962		127,716.3341	127,716.3341	5.8752		127,863.2148
Unmitigated	24.1487	94.3268	308.0216	1.2507	129.7445	0.8938	130.6383	34.6656	0.8306	35.4962		127,716.3341	127,716.3341	5.8752		127,863.2148

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	168.00	0.00	0.00	424,133	424,133
City Park	65.50	788.49	580.20	856,439	856,439
Condo/Townhouse	821.64	801.96	683.88	2,824,543	2,824,543
Elementary School	720.00	0.00	0.00	1,817,712	1,817,712
Industrial Park	15.98	5.85	1.73	44,155	44,155
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	1,650.00	1,930.95	975.30	5,633,014	5,633,014
Single Family Housing	12,367.53	12,874.05	11199.72	43,378,394	43,378,394
Total	15,808.65	16,401.30	13,440.82	54,978,390	54,978,390

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Arena	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
City Park	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Condo/Townhouse	9.71	9.71	9.71	100.00	0.00	0.00	100	0	0
Elementary School	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Industrial Park	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Parking Lot	9.71	9.71	9.71	0.00	0.00	0.00	0	0	0
Regional Shopping Center	9.71	9.71	9.71	0.00	100.00	0.00	100	0	0
Single Family Housing	9.71	9.71	9.71	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Industrial Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Parking Lot	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Arena	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Condo/Townhouse	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Single Family Housing	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Regional Shopping Center	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839
NaturalGas Unmitigated	1.0146	8.6789	3.7525	0.0553		0.7010	0.7010		0.7010	0.7010		11,068.5093	11,068.5093	0.2122	0.2029	11,134.2839

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	322.26	3.4800e-003	0.0316	0.0265	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003		37.9130	37.9130	7.3000e-004	7.0000e-004	38.1383
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4347.12	0.0469	0.4006	0.1705	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.4263	511.4263	9.8000e-003	9.3800e-003	514.4654
Elementary School	703.562	7.5900e-003	0.0690	0.0579	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7720	82.7720	1.5900e-003	1.5200e-003	83.2638
Industrial Park	356.096	3.8400e-003	0.0349	0.0293	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003		41.8936	41.8936	8.0000e-004	7.7000e-004	42.1426
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	78.4932	8.5000e-004	7.7000e-003	6.4600e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.2345	9.2345	1.8000e-004	1.7000e-004	9.2894
Single Family Housing	88274.8	0.9520	8.1351	3.4618	0.0519		0.6577	0.6577		0.6577	0.6577		10,385.2699	10,385.2699	0.1991	0.1904	10,446.9844
Total		**1.0146**	**8.6789**	**3.7525**	**0.0554**		**0.7010**	**0.7010**		**0.7010**	**0.7010**		**11,068.5093**	**11,068.5093**	**0.2122**	**0.2029**	**11,134.2839**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	0.32226	3.4800e-003	0.0316	0.0265	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003		37.9130	37.9130	7.3000e-004	7.0000e-004	38.1383
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4.34712	0.0469	0.4006	0.1705	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.4263	511.4263	9.8000e-003	9.3800e-003	514.4654
Elementary School	0.703562	7.5900e-003	0.0690	0.0579	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7720	82.7720	1.5900e-003	1.5200e-003	83.2638
Industrial Park	0.356096	3.8400e-003	0.0349	0.0293	2.1000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003		41.8936	41.8936	8.0000e-004	7.7000e-004	42.1426
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.0784932	8.5000e-004	7.7000e-003	6.4600e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.2345	9.2345	1.8000e-004	1.7000e-004	9.2894
Single Family Housing	88.2748	0.9520	8.1351	3.4618	0.0519		0.6577	0.6577		0.6577	0.6577		10,385.2699	10,385.2699	0.1991	0.1904	10,446.9844
Total		**1.0146**	**8.6789**	**3.7525**	**0.0554**		**0.7010**	**0.7010**		**0.7010**	**0.7010**		**11,068.5093**	**11,068.5093**	**0.2122**	**0.2029**	**11,134.2839**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098
Unmitigated	121.0789	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999	0.0000	227.3634	227.3634	0.2179	0.0000	232.8098

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.6438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.6454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7897	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999		227.3634	227.3634	0.2179		232.8098
Total	**121.0789**	**1.4529**	**126.1438**	**6.6700e-003**		**0.6999**	**0.6999**		**0.6999**	**0.6999**	**0.0000**	**227.3634**	**227.3634**	**0.2179**	**0.0000**	**232.8098**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.6438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.6454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7897	1.4529	126.1438	6.6700e-003		0.6999	0.6999		0.6999	0.6999		227.3634	227.3634	0.2179		232.8098
Total	**121.0789**	**1.4529**	**126.1438**	**6.6700e-003**		**0.6999**	**0.6999**		**0.6999**	**0.6999**	**0.0000**	**227.3634**	**227.3634**	**0.2179**	**0.0000**	**232.8098**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.1

Date: 11/6/2017 1:23 PM

Proctor Valley EIR Operational 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												
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

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Cranes	Diesel	No Change	0	1	No Change	0.00
Forklifts	Diesel	No Change	0	3	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	4	No Change	0.00
Welders	Diesel	No Change	0	1	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					
Cranes	2.20000E-004	2.63000E-003	1.00000E-003	0.00000E+000	1.10000E-004	1.00000E-004	0.00000E+000	2.26710E-001	2.26710E-001	7.00000E-005	0.00000E+000	2.28500E-001
Forklifts	2.40000E-004	2.14000E-003	1.79000E-003	0.00000E+000	1.70000E-004	1.50000E-004	0.00000E+000	2.05910E-001	2.05910E-001	7.00000E-005	0.00000E+000	2.07540E-001
Generator Sets	2.20000E-004	1.89000E-003	1.86000E-003	0.00000E+000	1.10000E-004	1.10000E-004	0.00000E+000	2.82600E-001	2.82600E-001	2.00000E-005	0.00000E+000	2.83050E-001
Tractors/Loaders/Backhoes	3.10000E-004	3.07000E-003	3.02000E-003	0.00000E+000	2.00000E-004	1.90000E-004	0.00000E+000	3.66180E-001	3.66180E-001	1.20000E-004	0.00000E+000	3.69080E-001
Welders	1.90000E-004	8.10000E-004	9.00000E-004	0.00000E+000	5.00000E-005	5.00000E-005	0.00000E+000	9.41100E-002	9.41100E-002	2.00000E-005	0.00000E+000	9.45000E-002

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					
Cranes	2.20000E-004	2.63000E-003	1.00000E-003	0.00000E+000	1.10000E-004	1.00000E-004	0.00000E+000	2.26710E-001	2.26710E-001	7.00000E-005	0.00000E+000	2.28500E-001
Forklifts	2.40000E-004	2.14000E-003	1.79000E-003	0.00000E+000	1.70000E-004	1.50000E-004	0.00000E+000	2.05910E-001	2.05910E-001	7.00000E-005	0.00000E+000	2.07540E-001
Generator Sets	2.20000E-004	1.89000E-003	1.86000E-003	0.00000E+000	1.10000E-004	1.10000E-004	0.00000E+000	2.82600E-001	2.82600E-001	2.00000E-005	0.00000E+000	2.83050E-001
Tractors/Loaders/Backhoes	3.10000E-004	3.07000E-003	3.02000E-003	0.00000E+000	2.00000E-004	1.90000E-004	0.00000E+000	3.66180E-001	3.66180E-001	1.20000E-004	0.00000E+000	3.69080E-001
Welders	1.90000E-004	8.10000E-004	9.00000E-004	0.00000E+000	5.00000E-005	5.00000E-005	0.00000E+000	9.41100E-002	9.41100E-002	2.00000E-005	0.00000E+000	9.45000E-002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
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	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	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
Tractors/Loaders/Backhoes	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
Welders	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

Fugitive Dust Mitigation

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

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.00	0.00	0.00	0.00	0.00	0.00

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	0.03	0.20		
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)	150.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	150.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
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	

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR Operational LEA 2027	--	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-Sep-19	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2027	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)	441.1	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

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: Land Use						
Land Use Type	**Land Use Subtype**	**Unit Amount**	**Size Metric**	**Lot Acreage**	**Square Feet[1]**	**Population[2]**
Educational	Elementary School	60.0	1000sqft	8.8	60,000	0
Industrial	Industrial Park (Public Safety)	7.5	1000sqft	2.3	7,500	0
Parking	Parking Lot	257	1000sqft	5.9 acres	257,004	0
Recreational	Arena (Community Facilities)	5.6	acre	5.6	12,500	0
Recreational	City Park	13.1	acre	20.1	1,680	0
Residential	Condo/Townhome	123	dwelling unit	8.2	216,000	338
Residential	Single Family Housing	1,407	dwelling unit	502.0	4,105,750	3,869
Retail	Regional Shopping Center	15	1000sqft	1.5	15,000	0
Notes: Parks adjusted to match traffic metrics						

Table 5: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to Trip Generation Worksheet	

Table 6: Vehicle Emissions
default

Table 7: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
default													

Table 8: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 9: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Table 10: Woodstoves						
Residential Land Use Subtype	**# Conventional**	**# Catalytic**	**# Non-Catalytic**	**# Pellet**	**Days/Year**	**Wood Mass (lb./year)**
Single Family Housing	0					

Table 11 cont.: Fireplaces							
Residential Land Use Subtype	**# Wood**	**# Gas**	**# Propane**	**# No Fireplace**	**Hours/Day**	**Days/Year**	**Wood Mass (lb./year)**
Single Family Housing	0						
User Defined Residential							
Notes: Fireplaces included in Consol natural gas demand							

Table 12: Consumer Products	
Category	**Emission Factor**
General Category	--
Parking	--
City Park Golf Course	--

Table 13: Area Architectural Coatings	
Reapplication Rate	default
Residential Interior	
Emission Factor (g/L)	150
square footage	--
Residential Exterior	
Emission Factor (g/L)	150
square footage	--
Parking	
Emission Factor (g/L)	--
square footage	--
Non-residential Interior	
Emission Factor (g/L)	150
square footage	--
Non-residential Exterior	
Emission Factor (g/L)	150
square footage	--
Source: SDAPCD Rule 67.0.1	

Table 14: Landscape Equipment	
Number of Days	
Snow Days	default
Summer Days	

Table 15: Energy Use					
Land Use Subtype	**Title-24 Electricity Energy Intensity (kWhr/size/year)**	**Nontitle-24 Electricity Energy Intensity (kWhr/size/year)**	**Lighting Energy Intensity (kWhr/size/year)**	**Title-24 Natural Gas Energy Intensity (kBTU/size /year)**	**Nontitle-24 Natural Gas Energy Intensity (kBTU/size /year)**
Arena (Community Facilities)	1.09	3.65	2.49	3.42	5.99
Elementary School	1.37	1.01	2.23	4.28	0.00
Industrial Park (Fire Station)	4.17	4.25	3.34	13.74	3.59
Multi Family Housing	793	3,639	470	11,500	1,400
Parking Lot	0.00	0.00	0.75	0.00	0.00
Regional Shopping Center	2.86	2.70	5.46	0.98	0.93
Single Family Housing	1,102	3,936	764	17,700	5,200
Consol, 2017					

Table 16: Water and Wastewater												
Land Use Subtype	**Size Metric**	**Indoor Water Use (gals/year)**	**Outdoor Water Use (gals/year)[1]**	**Electricity Intensity Factor to Supply (kWhr/Mgal)**	**Electricity Intensity Factor to Treat (kWhr/Mgal)**	**Electricity Intensity Factor to Distribute (kWhr/Mgal)**	**Electricity Intensity Factor or Wastewater Treatment (kWhr/Mgal)**	**Septic Tank (%)**	**Aerobic (%)**	**Facultative Lagoons (%)**	**Anaerobic Digester with Combustion of Digester Gas (%)**	**Anaerobic Digester with Cogeneration from Combustion of Digester Gas (%)**
Arena (Community Facilities)	acre	inld. in parks		default					100	default		
City Park	acre	5,994,213	17,982,638									
Elementary School	1000sqft	2,867,075	2,867,075									
Industrial Park (Public Safety)	1000sqft	749,163	749,163									
Multi Family Housing	dwelling unit	4,489,500	4,489,500									
Parking Lot	1000sqft	0	0									
Regional Shopping Center	1000sqft	1,172,563	1,172,563									
Single Family Housing	dwelling unit	141,247,700	141,247,700									
Notes: Community Facilities assumed in parks; 25% water use assumed indoor to reflect conservative analysis. All other land uses indoor use was assumed 50%.												

Table 17: Solid Waste					
Land Use Subtype	**Size Metric**	**Solid Waste Generation Rate (tons/year)[1]**	**Landfill No Gas Capture (%)**	**Landfill Gas Flare (%)**	**Landfill Capture Gas Energy Recovery (%)**
SFR	dweling unit	1586			
Note: Generation is project wide					

Table 18: Off-Road Equipment						
Equipment Type	**Number of Equipment**	**Hours/Day**	**Days/Year**	**Horsepower (HP)**	**Load Factor**	**Fuel Type**
default						

Table 19: Emergency Generators and Fire Pumps							
Equipment Type	Number of Equipment	Fuel Type	Horsepower (HP)	Load Factor (0-1)	Hours/Day	Hours/Year	Equipment Description
--							

Table 20: Generators / Fire Pumps EF
--

Table 21: Process Boilers						
Equipment Type	Number of Equipment	Fuel Type	Boiler Rating (MMBtu/hr.)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/year)	Equipment Description
--						

Table 22: Boilers EF
--

Table 23: User Defined
--

Table 24: Land Use Change				
Vegetation Land Use Type	**Vegetation Land Use Subtype**	**Initial Acres**	**Final Acres**	**Annual CO2 accumulation per acres (tonnes CO2/year)**
Refer to Carbon Sequestation Worksheet				

Table 25: Sequestration		
Broad Species Class	**Number of New Trees**	**Annual CO2 accumulation per tree (tonnes CO2/year)**
Refer to Carbon Sequestation Worksheet		

Table 26: Land Use & Site Enhancement	
Project Setting	Low Density Suburban
Land Use	
Dwelling Units/acre	--
Jobs/Job acre	
Increase Diversity	
Improve Walkability Design	
Intersections/ Square Miles	
Increase Destination Accessibility	
Distance to Downtown Job Center (miles)	
Increase Transit Accessibility	
Distance to Transit Station (miles)	
Integrate Below Market Rate Housing	
% Dwelling Units Below Market Rate	
Neighborhood Enhancements	
Improve Pedestrian Network	--
Provide Traffic Calming Measures	
% Streets with Improvement	
% Intersections with Improvement	
Implement NEV Network	
Parking Policy/Pricing	
Limit Parking Supply	--
% Reduction in Spaces	
Unbundle Parking Costs	
Monthly Parking Cost ($)	
On-Street Market Pricing	
% Increase in Price	
Transit Improvement	
Provide BRT System	--
% Lines BRT	
Expand Transit Network	
% Increase Transit Coverage	
Increase Transit Frequency	
Level of Implementation	
% Reduction in Headways	

Table 27: Commute	
Commute Trip	
Implementing Trip Reduction	--
% employee eligible	
Program Type	
Transit Subsidy	
Implementing Trip Reduction	
Daily Transit Subsidy Amount ($)	
Implementing Employee Parking "Cash-Out"	
% employee eligible	
Workplace Parking Charge	
% employee eligible	
Daily Parking Charge ($)	
Encourage Telecommuting and Alternative Work Schedules	
% employee work 9/80	
% employee work 4/40	
% employee telecommute 1.5 days	
Market Commute Trip Reduction Option	
% employee eligible	
Employee Vanpool/Shuttle	
% employee eligible	
% vanpool mode share	
Provide Ride Sharing Program	
% employee eligible	
School Trip	
Implement School Bus Program	--
% family using	

Table 28: Area Mitigation	
Hearth	
Only Natural Gas Hearth	--
No Hearth	
Consumer Products for General Category	
Use Low VOC Cleaning Supplies	--
Architectural Coating	
Use low VOC Paint (Residential Interior)	--
Use low VOC Paint (Residential Exterior)	
Use low VOC Paint (Non-Residential Interior)	
Use low VOC Paint (Non-Residential Exterior)	
Use low VOC Paint (Parking)	
Landscape Equipment	
% Electric Lawnmower	--
% Electric Leaf blower	
% Electric Chainsaw	

Table 29: Energy	
Building Energy	
Exceed Title 24	--
% Improvement	
Install High Efficiency Lighting	
% Lighting Energy Reduction	
Alternative Energy	
On-site Renewable Energy	--
kWh Generated	
% of Electric Use Generated	

Table 30: Energy Efficient Appliances		
Appliance Type	**Land Use Subtype**	**% Improvement**
Clothes Washer	--	
Dish Washer		
Fan		
Refrigerator		

Table 31: Water Mitigation	
Water Conservation Strategy	
Apply Water Conservation Strategy	--
% Reduction Indoor	--
% Reduction Outdoor	--
Water Supply	
Used Reclaimed Water	--
% Indoor Water Use	--
% Outdoor Water Use	
Use Gray Water	
% Indoor Water Use	
% Outdoor Water Use	
Indoor Water Use	
Install Low-flow Bathroom Faucet	--
% Reduction in flow	
Install Low-flow Kitchen Faucet	
% Reduction in flow	
Install Low-flow Toilet	
% Reduction in flow	
Install Low-flow Shower	
% Reduction in flow	
Outdoor Water Use	
Turf Reduction	--
Turf Reduction Area (acres)	
% Reduction turf	
Use Water-Efficient Irrigation Systems	
% Reduction	
Water Efficient Landscape	
MAWA (gal/yr)	
ETWU (gal/yr)	

Table 32: Solid Waste	
Institute Recycling and Composting Services	--
% Reduction in waste disposed	--

APPENDIX B

Blasting and Rock Crushing Emission Estimates

LAND EXCHANGE ALTERNATIVE - Blasting and Crushing Assumptions

Assumptions		*15000*		*3*			*1.3*	*24500*	*1.1*	*2000*	
		cy/blast		*blasts/ week*			*cy per ton*	*tons/ week*	*lbs/cy*	*lbs/ton*	
Otay Ranch Village 14	**Cubic Yards**	**Total Blasts**	**Rounded Up Blasts**	**Weeks**	**Blast Days**	**Crushing CY**	**Crushing Tons**	**Weeks**	**ANFO (LBS)**	**ANFO (Tons)**	**Notes**
Village 14											
PV Rd South	0	0	0.0	0	0	0	-	0	-	-	
Pv Rd SouthCentral	0	0	0.0	0	0	0	-	0	-	-	
PV Rd Middle	0	0	0.0	0	0	0	-	0	-	-	
PV rd North	25,000	1.67	2.0	1	2	21,250	27,625	1	27,500	13.75	Assumes 85% crushed
JSP South 1 Probable Blasting & Crushing	168,000	11.20	12.0	4	12	142,800	185,640	8	184,800	92	Assumes 85% crushed
JSP Central Probable Blasting & Crushing	514,697	34.31	35.0	11	35	437,492	568,740	12	566,167	283	Assumes 85% would need processing - 2 crushing plants
JSP North Probable Blasting & Crushing	1,095,819	73.05	74.0	24	74	931,446	1,210,880	16	1,205,401	603	Assumes 85% would need processing - 3 crushing plants
Totals	**1,803,516**	**120**		**39.5**		**1,532,989**	**1,992,885**		**1,983,868**	**992**	
PA 16/19											
JSP PA 16/19 Probable B	0	0		0		0	-	0	-	0	

Notes:

Sources: Devenco and Revy, Hunsaker & Associates

Assumes all JSP will be blas

CY per Hunsaker & Associates

For Internal Use Only - Estimates Only as of 7-27-17

Assumptions:

- 15,000 cy per blast
- 1.3 x CY to convert to Crushing tons.
- 24,500 tons crushed per week.
- 1.1 lbs ANFO per CY blasting
- 1 ton = 2,000 lbs
- total qtty ANFO in lbs
- total qtty ANFO in tons

Proctor Valley EIR
Blasting Emissions
Phase PV Rd North

Anticipated blasting activities is assumed to include the following:

Assumptions:

15,000	cubic yard/blast
1	blast/day
8.25	ton explosives/per 15,000 CY blast (maximum blast)
11.24	feet average depth

Project Phase Estimates:

25,000	total cubic yard/phase
1.7	total blasts
13.75	total ton explosives/phase
8.25	maximum ton explosives/day
2,224	total square feet blasted/phase
1,335	maxmimum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	140.25	233.75	0.12
CO	1	67	lb/ton	552.75	921.25	0.46
SOx	1	2	lb/ton	16.50	27.50	0.01
PM_{10}	2	—	lb/blast	0.35	0.76	0.00
$PM_{2.5}$	2	—	lb/blast	0.02	0.04	0.00

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.
   $PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.
   $PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

Notes:
lb = pounds

Proctor Valley EIR
Blasting Emissions
Phase JSP South

Anticipated blasting activities is assumed to include the following:

Assumptions:

15,000	cubic yard/blast
1	blast/day
8.25	ton explosives/per 15,000 CY blast (maximum blast)
11.24	feet average depth

Project Phase Estimates:

168,000	total cubic yard/phase
11.2	total blasts
92.40	total ton explosives/phase
8.25	maximum ton explosives/day
14,947	total square feet blasted/phase
1,335	maxmimum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	140.25	1,570.80	0.79
CO	1	67	lb/ton	552.75	6,190.80	3.10
SOx	1	2	lb/ton	16.50	184.80	0.09
PM_{10}	2	—	lb/blast	0.35	13.30	0.01
$PM_{2.5}$	2	—	lb/blast	0.02	0.77	0.00

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.
   $PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.
   $PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

Notes:
lb = pounds

Proctor Valley EIR
Blasting Emissions
JSP Central

Anticipated blasting activities is assumed to include the following:

Assumptions:

15,000	cubic yard/blast
1	blast/day
8.25	ton explosives/per 15,000 CY blast (maximum blast)
11.24	feet average depth

Project Phase Estimates:

514,697	total cubic yard/phase
34.3	total blasts
283.08	total ton explosives/phase
8.25	maximum ton explosives/day
45,792	total square feet blasted/phase
1,335	maxmimum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	140.25	4,812.42	2.41
CO	1	67	lb/ton	552.75	18,966.58	9.48
SOx	1	2	lb/ton	16.50	566.17	0.28
PM_{10}	2	—	lb/blast	0.35	71.34	0.04
$PM_{2.5}$	2	—	lb/blast	0.02	4.12	0.00

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.
   $PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.
   $PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

Notes:
lb = pounds

Proctor Valley EIR
Blasting Emissions
JSP North

Anticipated blasting activities is assumed to include the following:

Assumptions:

15,000	cubic yard/blast
1	blast/day
8.25	ton explosives/per 15,000 CY blast (maximum blast)
11.24	feet average depth

Project Phase Estimates:

1,095,819	total cubic yard/phase
73.1	total blasts
602.70	total ton explosives/phase
8.25	maximum ton explosives/day
97,493	total square feet blasted/phase
1,335	maxmimum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	140.25	10,245.91	5.12
CO	1	67	lb/ton	552.75	40,380.93	20.19
SOx	1	2	lb/ton	16.50	1,205.40	0.60
PM_{10}	2	—	lb/blast	0.35	221.61	0.11
$PM_{2.5}$	2	—	lb/blast	0.02	12.79	0.01

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.
   $PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.
   $PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

Notes:
lb = pounds

Proctor Valley - Proctor Valley Road North
Rock Crusher Emissions

Equation:

Drop Operations Formula

$EF(PM) = (k*0.0032)*(U/5)^{1.3}/(M/2)^{1.4}$

k (PM_{10}) =	0.35	
k ($PM_{2.5}$) =	0.053	
U =	2.98	mph
M =	3	%
EF PM_{10} =	0.000323	
EF PM_{10} =	0.000049	

Where:
EF = emission factor (pounds per ton)
k =particle size multiplier (dimensionsless)
U = mean wind speed, meters per second (m/s) (miles per hour (mph))
M = material moisture content (%)

Reference:
AP42 Section 13.2.4.3 - Predictive Emission Factor Equations

Assumptions:

Production Rate Information

3,769	cubic yard/day
1.3	tons/cubic yard
4,900	ton/day

Emissions Calculations:

Equipment Type	Throughput	PM_{10}		$PM_{2.5}$		
	Tons/day	Emission Factor (lb/ton)	Daily (lb/day)	Emission Factor (lb/ton)	Daily (lb/day)	Daily (lb/hour)
Hopper Loading	4,900	0.000323	1.58	0.000049	0.240	1.00E-02
Primary Crusher	4,900	0.00054	2.65	0.0001	0.490	2.04E-02
Conveyor Transfer	4,900	0.000046	0.23	0.000013	0.064	2.65E-03
Screen 1	4,900	0.00074	3.63	0.00005	0.245	1.02E-02
Conveyor Transfer	1,470	0.000046	0.07	0.000013	0.019	7.96E-04
Conveyor Transfer to Pile	1,470	0.000323	0.47	0.000049	0.072	2.65E-03
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.02E-02
Secondary Crusher	3,430	0.00054	1.85	0.000100	0.343	1.43E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.86E-03
Screen 2	3,430	0.00074	2.54	0.00005	0.172	1.02E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	7.96E-04
Conveyor Transfer to Pile	3,430	0.000323	1.11	0.000049	0.168	3.00E-03
Total Rock Crushing			***14.59***		***1.95***	***2.09***

PV Rd North

No. of Rock Crushing Facilities 1

	PM_{10}	$PM_{2.5}$
Total Rock Crushing	14.59	1.95

References/Notes:
Emission Factors from AP-42, Section 11.19.2 (Crushed Stone Processing), Table 11.19.2-2 (controlled factors).
Emission Factor for drop operation (conveyor to product pile) from AP-42, Section 13.2.4 (Aggregate Handling and Storage Piles), Equation 1.

Proctor Valley - South
Rock Crusher Emissions

Equation:

Drop Operations Formula

$EF(PM) = (k*0.0032)*(U/5)^{1.3}/(M/2)^{1.4}$

k (PM_{10}) =	0.35	
k ($PM_{2.5}$) =	0.053	
U =	2.98	mph
M =	3	%
EF PM_{10} =	0.000323	
EF PM_{10} =	0.000049	

Where:
EF = emission factor (pounds per ton)
k =particle size multiplier (dimensionsless)
U = mean wind speed, meters per second (m/s) (miles per hour (mph))
M = material moisture content (%)

Reference:
AP42 Section 13.2.4.3 - Predictive Emission Factor Equations

Assumptions:

Production Rate Information

3,769	cubic yard/day
1.3	tons/cubic yard
4,900	ton/day

Emissions Calculations:

Equipment Type	Throughput	PM_{10}		$PM_{2.5}$		
	Tons/day	Emission Factor (lb/ton)	Daily (lb/day)	Emission Factor (lb/ton)	Daily (lb/day)	Daily (lb/hour)
Hopper Loading	4,900	0.000323	1.58	0.000049	0.240	1.00E-02
Primary Crusher	4,900	0.00054	2.65	0.0001	0.490	2.04E-02
Conveyor Transfer	4,900	0.000046	0.23	0.000013	0.064	2.65E-03
Screen 1	4,900	0.00074	3.63	0.00005	0.245	1.02E-02
Conveyor Transfer	1,470	0.000046	0.07	0.000013	0.019	7.96E-04
Conveyor Transfer to Pile	1,470	0.000323	0.47	0.000049	0.072	2.65E-03
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.02E-02
Secondary Crusher	3,430	0.00054	1.85	0.000100	0.343	1.43E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.86E-03
Screen 2	3,430	0.00074	2.54	0.00005	0.172	1.02E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	7.96E-04
Conveyor Transfer to Pile	3,430	0.000323	1.11	0.000049	0.168	3.00E-03
Total Rock Crushing			***14.59***		***1.95***	***2.09***

JSP South

No. of Rock Crushing Facilities 1

	PM_{10}	$PM_{2.5}$
Total Rock Crushing	14.59	1.95

References/Notes:
Emission Factors from AP-42, Section 11.19.2 (Crushed Stone Processing), Table 11.19.2-2 (controlled factors).
Emission Factor for drop operation (conveyor to product pile) from AP-42, Section 13.2.4 (Aggregate Handling and Storage Piles), Equation 1. Wind

Proctor Valley - Central
Rock Crusher Emissions

Equation:

Drop Operations Formula

$EF(PM) = (k*0.0032)*(U/5)^{1.3}/(M/2)^{1.4}$

k (PM_{10}) =	0.35	
k ($PM_{2.5}$) =	0.053	
U =	2.98	mph
M =	3	%
EF PM_{10} =	0.000323	
EF PM_{10} =	0.000049	

Where:
EF = emission factor (pounds per ton)
k =particle size multiplier (dimensionsless)
U = mean wind speed, meters per second (m/s) (miles per hour (mph))
M = material moisture content (%)

Reference:
AP42 Section 13.2.4.3 - Predictive Emission Factor Equations

Assumptions:

Production Rate Information

3,769	cubic yard/day
1.3	tons/cubic yard
4,900	ton/day

Emissions Calculations:

Equipment Type	Throughput	PM_{10}		$PM_{2.5}$		
	Tons/day	Emission Factor (lb/ton)	Daily (lb/day)	Emission Factor (lb/ton)	Daily (lb/day)	Daily (lb/hour)
Hopper Loading	4,900	0.000323	1.58	0.000049	0.240	1.00E-02
Primary Crusher	4,900	0.00054	2.65	0.0001	0.490	2.04E-02
Conveyor Transfer	4,900	0.000046	0.23	0.000013	0.064	2.65E-03
Screen 1	4,900	0.00074	3.63	0.00005	0.245	1.02E-02
Conveyor Transfer	1,470	0.000046	0.07	0.000013	0.019	7.96E-04
Conveyor Transfer to Pile	1,470	0.000323	0.47	0.000049	0.072	2.65E-03
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.02E-02
Secondary Crusher	3,430	0.00054	1.85	0.000100	0.343	1.43E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.86E-03
Screen 2	3,430	0.00074	2.54	0.00005	0.172	1.02E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	7.96E-04
Conveyor Transfer to Pile	3,430	0.000323	1.11	0.000049	0.168	3.00E-03
Total Rock Crushing			***14.59***		***1.95***	***2.09***

JSP Central

No. of Rock Crushing Facilities 2

	PM_{10}	$PM_{2.5}$
Total Rock Crushing	29.19	3.89

References/Notes:
Emission Factors from AP-42, Section 11.19.2 (Crushed Stone Processing), Table 11.19.2-2 (controlled factors).
Emission Factor for drop operation (conveyor to product pile) from AP-42, Section 13.2.4 (Aggregate Handling and Storage Piles), Equation 1. Wind

Proctor Valley - North
Rock Crusher Emissions

Equation:

Drop Operations Formula

$EF(PM) = (k*0.0032)*(U/5)^{1.3}/(M/2)^{1.4}$

k (PM_{10}) =	0.35	
k ($PM_{2.5}$) =	0.053	
U =	2.98	mph
M =	3	%
EF PM_{10} =	0.000323	
EF PM_{10} =	0.000049	

Where:
EF = emission factor (pounds per ton)
k =particle size multiplier (dimensionsless)
U = mean wind speed, meters per second (m/s) (miles per hour (mph))
M = material moisture content (%)

Reference:
AP42 Section 13.2.4.3 - Predictive Emission Factor Equations

Assumptions:

Production Rate Information

3,769	cubic yard/day
1.3	tons/cubic yard
4,900	ton/day

Emissions Calculations:

Equipment Type	Throughput	PM_{10}		$PM_{2.5}$		
	Tons/day	Emission Factor (lb/ton)	Daily (lb/day)	Emission Factor (lb/ton)	Daily (lb/day)	Daily (lb/hour)
Hopper Loading	4,900	0.000323	1.58	0.000049	0.240	1.00E-02
Primary Crusher	4,900	0.00054	2.65	0.0001	0.490	2.04E-02
Conveyor Transfer	4,900	0.000046	0.23	0.000013	0.064	2.65E-03
Screen 1	4,900	0.00074	3.63	0.00005	0.245	1.02E-02
Conveyor Transfer	1,470	0.000046	0.07	0.000013	0.019	7.96E-04
Conveyor Transfer to Pile	1,470	0.000323	0.47	0.000049	0.072	2.65E-03
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.02E-02
Secondary Crusher	3,430	0.00054	1.85	0.000100	0.343	1.43E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.86E-03
Screen 2	3,430	0.00074	2.54	0.00005	0.172	1.02E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	7.96E-04
Conveyor Transfer to Pile	3,430	0.000323	1.11	0.000049	0.168	3.00E-03
Total Rock Crushing			***14.59***		***1.95***	***2.09***

JSP North

No. of Rock Crushing Facilities 3

	PM_{10}	$PM_{2.5}$
Total Rock Crushing	43.78	5.84

References/Notes:
Emission Factors from AP-42, Section 11.19.2 (Crushed Stone Processing), Table 11.19.2-2 (controlled factors).
Emission Factor for drop operation (conveyor to product pile) from AP-42, Section 13.2.4 (Aggregate Handling and Storage Piles), Equation 1. Wind

Proctor Valley
Rock Crushing Operation
Diesel Engine-Generator Emissions - Unmitigated

Emission Factors								
Year	2019							
Engine Rating	750	kW						
	1000	HP						
HP Bin - Low HP	1001							
HP Bin - High HP	9999							
LF	0.74							
	ROG	**NOx**	**CO**	**SOx**	**PM10**	**PM2.5**	**CO2**	**CH4**
CalEEMod Emission Factor	0.261	3.829	1.103	0.005	0.087	0.087	568.299	0.023
Fuel Correction Factor	*0.72*	*0.948*			*0.852*	*0.852*		
Emission Factor for Engine (adjusted for Load Factor and Fuel Correction Factor)	0.139	2.686	0.816	0.004	0.055	0.055	420.541	0.017

Notes:
Emissions calculated using factors derived from CalEEMod for 1000 HP generator operating in 2019 based on the 1001-9999 HP range because CalEEMod does not have emission factors for HP 751-1000.

PV Rd North

Assumptions:

No. of Units	1	
Daily Operating Schedule	8.0	hr/day
Operating Days	6	days/yr

Emissions Calculations:

	VOC	**NOx**	**CO**	**SOx**	**PM10**	**PM2.5**	**CO2**	**CH4**
gm/BHP-hr	0.139	2.686	0.816	0.004	0.055	0.055	420.541	0.017
lb/day	2.45	47.37	14.40	0.07	0.97	0.97	7416.95	0.30
ton/year	0.01	0.14	0.04	0.00	0.00	0.00	22.25	0.00
metric ton/yr							20.19	0.00

Proctor Valley
Rock Crushing Operation
Diesel Engine-Generator Emissions - Unmitigated

JSP South

Assumptions:

No. of Units	1	
Daily Operating Schedule	8.0	hr/day
Operating Days	38	days/yr

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/BHP-hr	0.139	2.686	0.816	0.004	0.055	0.055	420.541	0.017
lb/day	2.45	47.37	14.40	0.07	0.97	0.97	7416.95	0.30
ton/year	0.05	0.90	0.27	0.00	0.02	0.02	140.92	0.01
metric ton/yr							127.84	0.01

JSP Central

Assumptions:

No. of Units	2	
Daily Operating Schedule	8.0	hr/day
Operating Days	58	days/yr

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/BHP-hr	0.139	2.686	0.816	0.004	0.055	0.055	420.541	0.017
lb/day	4.91	94.75	28.79	0.13	1.93	1.93	14833.91	0.60
ton/year	0.14	2.75	0.83	0.00	0.06	0.06	430.18	0.02
metric ton/yr							390.26	0.02

Proctor Valley
Rock Crushing Operation
Diesel Engine-Generator Emissions - Unmitigated

JSP North

Assumptions:

No. of Units	3	
Daily Operating Schedule	8.0	hr/day
Operating Days	82	days/yr

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/BHP-hr	0.139	2.686	0.816	0.004	0.055	0.055	420.541	0.017
lb/day	7.36	142.12	43.19	0.20	2.90	2.90	22250.86	0.90
ton/year	0.30	5.83	1.77	0.01	0.12	0.12	912.29	0.04
metric ton/yr							827.61	0.02

Proctor Valley
Rock Crushing Operation
Diesel Engine-Generator Emissions - Mitigated

Emission Factors								
Year	2019							
Engine Rating	750	kW						
	1000	HP						
HP Bin - Low HP	1001							
HP Bin - High HP	9999							
LF	0.74							
	ROG	**NOx**	**CO**	**SOx**	**PM10**	**PM2.5**	**CO2**	**CH4**
CalEEMod Emission Factor	0.060	2.240	2.600	0.005	0.016	0.016	568.299	0.025
Fuel Correction Factor	*0.72*	*0.948*			*0.852*	*0.852*		
Emission Factor for Engine (adjusted for Load Factor and Fuel Correction Factor)	0.032	1.571	1.924	0.004	0.010	0.010	420.541	0.019

Notes:
Emissions calculated using factors derived from CalEEMod for 1000 HP generator operating in 2019 based on the 1001-9999 HP range because CalEEMod does not have emission factors for HP 751-1000.

PV Rd North

Assumptions:

No. of Units	1	
Daily Operating Schedule	8.0	hr/day
Operating Days	6	days/yr

Emissions Calculations:

	VOC	**NOx**	**CO**	**SOx**	**PM10**	**PM2.5**	**CO2**	**CH4**
gm/BHP-hr	0.032	1.571	1.924	0.004	0.010	0.010	420.541	0.019
lb/day	0.56	27.71	33.93	0.07	0.18	0.18	7416.95	0.33
ton/year	0.00	0.08	0.10	0.00	0.00	0.00	22.25	0.00
metric ton/yr							20.19	0.00

Proctor Valley
Rock Crushing Operation
Diesel Engine-Generator Emissions - Mitigated

JSP South

Assumptions:

No. of Units	1	
Daily Operating Schedule	8.0	hr/day
Operating Days	38	days/yr

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/BHP-hr	0.032	1.571	1.924	0.004	0.010	0.010	420.541	0.019
lb/day	0.56	27.71	33.93	0.07	0.18	0.18	7416.95	0.33
ton/year	0.01	0.53	0.64	0.00	0.00	0.00	140.92	0.01
metric ton/yr							127.84	0.01

JSP Central

Assumptions:

No. of Units	2	
Daily Operating Schedule	8.0	hr/day
Operating Days	58	days/yr

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/BHP-hr	0.032	1.571	1.924	0.004	0.010	0.010	420.541	0.019
lb/day	1.13	55.43	67.87	0.13	0.36	0.36	14833.91	0.65
ton/year	0.03	1.61	1.97	0.00	0.01	0.01	430.18	0.02
metric ton/yr							390.26	0.02

Proctor Valley
Rock Crushing Operation
Diesel Engine-Generator Emissions - Mitigated

JSP North

Assumptions:

No. of Units	3	
Daily Operating Schedule	8.0	hr/day
Operating Days	82	days/yr

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/BHP-hr	0.032	1.571	1.924	0.004	0.010	0.010	420.541	0.019
lb/day	1.69	83.14	101.80	0.20	0.53	0.53	22250.86	0.98
ton/year	0.07	3.41	4.17	0.01	0.02	0.02	912.29	0.04
metric ton/yr							827.61	0.02

APPENDIX C

Carbon Monoxide Hotspot Analysis

County San Diego Guidance

The County's Guidance states the following:

"CO emissions are the result of the combustion process and therefore primarily associated with mobile source emissions (vehicles). CO concentrations tend to be higher in urban areas where there are many mobile-source emissions. CO "hotspots" or pockets where the CO concentration exceeds the NAAQS and/or CAAQS, have been found to occur only at signalized intersections that operate at or below level of service (LOS) E with peak-hour trips for that intersection exceeding 3,000 trips[1]. Therefore, any project that would place receptors within 500 feet of a signalized intersection operating at or below LOS E (peak-hour trips exceeding 3,000 trips) must conduct a "hotspot" analysis for CO. Likewise, projects that will cause road intersections to operate at or below a LOS E (with intersection peak-hour trips exceeding 3,000) will also have to conduct a CO "hotspot" analysis."

For the cumulative impact analysis, the County's Guidance states:

"The following guidelines for determining significance must be used for determining the cumulatively considerable net increase during the operational phase:

- Projects that cause road intersections to operate at or below level of service E (analysis required only when the addition of peak-hour trips from the proposed project and the surrounding projects exceeds 2,000) ***and*** create a CO hotspot create a cumulatively considerable net increase of CO." [emphasis added]

[1] Based on Table 5.4 Project Related CO Concentration Levels of the Sacramento Metropolitan Air Quality Management District Guide to Air Quality Assessment.

Existing Conditions

Under the Existing Conditions scenario, all key study intersections currently operate at LOS D or better, with the exception of the SR-94 / Lyons Valley Road intersection which operates at LOS F during both the AM and PM peak hours; however, the peak-hour trips at this intersection (1,296 AM peak hour trips and 1,349 PM peak hour trips) do not exceed the screening level of 3,000 vehicle trips.

Existing Plus Project Buildout Conditions

Under the Existing Plus Project Buildout Conditions scenario, all key study intersections are projected to operate at LOS D or better with the exception of the SR-94 / Lyons Valley Road (LOS F during the AM and PM Peak hours) and Agua Vista Drive / Northwoods Drive and Proctor Valley Road (LOS F during the AM and LOS E during the PM hours). To mitigate direct impacts, the TIS identified required mitigation for the SR-94 / Lyons Valley Road intersection, which includes signalization by the 854th EDU. Although the signalization mitigation would improve LOS to acceptable levels, this intersection is a Caltrans facility and the County does not have jurisdiction to permit or implement improvements; therefore, mitigation was determined to be is infeasible. However, the trip volume at this intersection was estimated to be 1,302 trips per hour in the AM and 1,376 trips per hour in the PM, which would not exceed the County's screening criteria. For the Agua Vista Drive / Northwoods Drive and Proctor Valley Road intersection, a similar situation exists where signalization is feasible, but the intersection is within the City of Chula Vista and the County does not have jurisdiction. The trip volume was estimated to be 1,757 trips per hour in the AM and 2,294 trips per hour in the PM, which would exceed the County's screening criteria.

Table 1 presents Peak Hour Intersection LOS Results – Existing Plus Project Buildout Conditions.

Table 1
Peak Hour Intersection LOS Results – Existing Plus Project Buildout Conditions

#	Intersection	Control	Existing + Project				Existing		Impact Criteria by Jurisdiction			Candidate for CO Hotspots Analysis
			AM Peak Hour		PM Peak Hour		Avg. Delay (sec.)	LOS	Caltrans/ San Diego	Chula Vista	County	
			Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	AM/PM	AM/PM	
1	SR-94 & Lyons Valley Road	SSSC	87.6	F	84.4	F	81.5 / 79.7	F / F	6.1 / 4.7			Yes
2	Proctor Valley Road/Jefferson Road & SR-94	Signal	10.9	B	10.2	B	10.6 / 10.0	B / B	0.3 / 0.2			No
3	Proctor Valley Road & Maxfield Road	SSSC	9.1	A	9.4	A	9.0 / 9.0	A / A				No
4	Proctor Valley Road & Melody Road	SSSC	8.7	A	8.7	A	8.4 / 8.4	A / A				No
5	SR-94 & Melody Road	SSSC	13.6	B	18.1	C	13.6 / 18.1	B / C	0.0 / 0.0			No
6	San Miguel Ranch Road & SR-125 SB Ramps	Signal	21.7	C	18.9	B	21.7 / 18.8	C / B		13.6% / 11.0%		No
7	San Miguel Ranch Road & SR-125 NB Ramp	Signal	16.7	B	13.4	B	16.7 / 13.3	B / B		10.4% / 10.5%		No
8	I-805 SB Ramp & East H Street	Signal	9.8	A	11.2	B	7.8 / 9.7	A / A		3.1% / 2.7%		No
9	I-805 NB Ramp & East H Street	Signal	10.4	B	13.3	B	9.8 / 11.4	A / B		3.9% / 4.0%		No
10	Terra Nova Drive & East H Street	Signal	14.5	B	12.4	B	13.0 / 11.0	B / B		5.1% / 5.4%		No

11	East H Street & Del Rey Boulevard	Signal	12.1	B	8.9	A	11.1 / 8.5	B / A		5.4% / 5.6%		No
12	Pasel Del Rey & East H Street	Signal	21.0	C	28.9	C	19.9 / 25.7	B / C		5.4% / 5.2%		No
13	Paseo Ranchero & East H Street	Signal	53.1	D	51.0	D	50.8 / 42.6	D / D		5.2% / 6.0%		No
14	Otay Lakes Road & East H Street	Signal	46.4	D	35.6	D	37.2 / 29.2	D / C		6.4% / 7.1%		No
15	SR-125 SB Ramp & East H Street	Signal	5.5	A	6.9	A	5.0 / 6.1	A / A		20.3% / 21.7%		No
16	SR-125 NB Ramp & East H Street	Signal	3.6	A	5.5	A	3.4 / 4.0	A / A		23.2% / 27.8%		No
17	Mt Miguel Road & East H Street	Signal	48.1	D	31.5	C	23.7 / 20.3	C / C		21.8% / 25.5%		No
18	Lane Avenue & East H Street	Signal	22.9	C	51.1	D	16.8 / 23.0	B / C		29.2% / 33.3%		No
19	Hunte Parkway & East H Street	Signal	26.3	C	14.4	B	18.9 / 13.6	B / B		32.3% / 48.8%		No
20	Northwoods Drive / Agua Vista Drive & Proctor Valley Road	AWSC	59.7	F	40.5	E	8.6 / 8.4	A / A		75.0% / 81.0%		Yes
21	East Lake Parkway & Fenton Street	Signal	18.7	B	33.2	C	18.2 / 31.4	B / C		2.1% / 1.6%		No
22	Lane Avenue & Fenton Street	Signal	17.9	B	26.0	C	17.8 / 24.9	B / C		3.1% / 2.0%		No
23	Heritage Road/Paseo Ranchero & Telegraph Canyon Road	Signal	46.6	D	25.3	C	45.4 / 24.9	D / C		0.6% / 0.9%		No
24	La Media Road & Telegraph Canyon Road / Otay Lakes Road	Signal	27.5	C	27.1	C	27.1 / 26.8	C / C		0.4% / 0.5%		No

25	SR-125 SB Ramps & Otay Lakes Road	Signal	9.6	A	10.9	B	9.6 / 10.9	A / B		1.5% / 1.0%		No
26	SR-125 NB Ramps & Otay Lakes Road	Signal	8.5	A	8.9	A	8.4 / 8.8	A / A		1.7% / 1.6%		No
27	East Lake Parkway & Otay Lakes Road	Signal	32.9	C	33.3	C	31.9 / 32.6	C / C		2.1% / 1.6%		No
28	Lane Avenue & Otay Lakes Road	Signal	11.7	B	37.3	D	11.3 / 25.4	B / C		2.7% / 2.7%		No
29	Fenton Street & Otay Lakes Road	Signal	8.9	A	9.7	A	8.8 / 9.0	A / A		4.4% / 4.5%		
30	Hunte Parkway & Otay Lakes Road	Signal	23.9	C	18.1	B	23.1 / 17.2	C / B		4.1% / 6.6%		No
31	East Lake Parkway & Olympic Parkway	Signal	17.0	B	19.7	B	17.0 / 19.7	B / B		0.8% / 0.7%		No
32	Hunte Parkway & Olympic Parkway	Signal	16.0	B	14.2	B	15.8 / 13.9	B / B		3.8% / 4.5%		No
33	East Lake Parkway & Hunte Parkway	Signal	Does Not Exist				Does Not Exist			-		No
34	Proctor Valley Road & Project Driveway #1	RA	7.4	A	12.5	B	Does Not Exist					No

Source: Proctor Valley Village 14 and Preserve Specific Plan Traffic Impact Study, Table 5.1 Peak Hour Intersection LOS Results – Existing Plus Project Buildout Conditions (Chen Ryan 2017)
Notes:
SSSC: Side street stop control
AWSC: All-way stop controlled intersection.
RA: Roundabout.

Year 2025 Cumulative Conditions

Similar to the Existing Plus Project Buildout Conditions scenario, all key study intersections within the County are projected to operate at LOS D or better under Year 2025 Cumulative Conditions with the exception of the SR-94 / Lyons Valley Road (LOS F during the AM and PM Peak hours), Agua Vista Drive / Northwoods Drive & Proctor Valley Road (LOS F during the AM and PM Peak hours), and signalization mitigation to reduce impacts at the intersections was determined to be infeasible. Peak hour trips at SR-94 / Lyons Valley Road was above the screening criteria for cumulative conditions, at 2,303 trips per hour in AM and 2,167 trips per

hour in the PM. The intersection at Agua Vista Drive / Northwoods Drive & Proctor Valley Road had peak hour trips of 2,208 in the AM and 2,343 in the PM and thus did exceed the cumulative conditions screening threshold.

Table 2 presents Peak Hour Intersection LOS Results – Year 2025 Cumulative Conditions.

#	Intersection	Control	Year 2025				Existing		Impact Criteria by Jurisdiction			Significant Impact?
			AM Peak Hour		PM Peak Hour		Avg. Delay (sec.)	LOS	Caltrans/ San Diego (Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	
			Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	AM/PM	AM/PM	
1	SR-94 & Lyons Valley Road	SSSC	>500	F	>500	F	81.5 / 79.7	F / F	-			Yes
2	Proctor Valley Road/Jefferson Road & SR-94	Signal	22.6	C	38.7	D	10.6 / 10.0	B / B	12.0 / 28.7			No
3	Proctor Valley Road & Maxfield Road	SSSC	12.5	B	13.7	B	9.0 / 9.0	A / A				No
4	Proctor Valley Road & Melody Road	SSSC	8.8	A	9.1	A	8.4 / 8.4	A / A				No
5	SR-94 & Melody Road	Signal	11.8	B	11.6	B	13.6 / 18.1	B / C	0.2769231			No
6	San Miguel Ranch Road & SR-125 SB Ramps	Signal	21.9	C	19.4	B				14.5% / 11.2%		No
7	San Miguel Ranch Road & SR-125 NB Ramp	Signal	17	B	14.5	B				11.3% / 11.9%		No
8	I-805 SB Ramp & East H Street	Signal	10.2	B	13.4	B				1.0% / 0.8%		No
9	I-805 NB Ramp & East H Street	Signal	10.3	B	13.9	B				1.3% / 1.2%		No
10	Terra Nova Drive & East H Street	Signal	14.3	B	16.6	B				1.2% / 1.3%		No
11	East H Street & Del Rey Boulevard	Signal	13	B	9.2	A				1.3% / 1.4%		No

12	Pasel Del Rey & East H Street	Signal	22.5	C	33.9	C				3.4% / 3.4%		No
13	Paseo Ranchero & East H Street	Signal	53.6	D	50.1	D				3.5% / 4.1%		No
14	Otay Lakes Road & East H Street	Signal	39.7	D	44.3	D				4.5% / 5.0%		No
15	SR-125 SB Ramp & East H Street	Signal	6.4	A	7.6	A				14.0% / 15.9%		No
16	SR-125 NB Ramp & East H Street	Signal	3.8	A	5.4	A				15.8% / 19.8%		No
17	Mt Miguel Road & East H Street	Signal	45.8	D	33.7	C				14.4% / 19.3%		No
18	Lane Avenue & East H Street	Signal	38.3	D	39.8	D				21.2% / 21.7%		No
19	Hunte Parkway & East H Street	Signal	29.3	C	25.4	C				24.9% / 32.0%		No
20	Northwoods Drive / Agua Vista Drive & Proctor Valley Road	AWSC	60.5	F	58.3	F				48.6% / 52.1%		Yes
21	East Lake Parkway & Fenton Street	Signal	25.7	C	46.3	D				3.4% / 2.7%		No
22	Lane Avenue & Fenton Street	Signal	36	D	35.2	D				2.4% / 2.3%		No
23	Heritage Road/Paseo Ranchero & Telegraph Canyon Road	Signal	52.9	D	53.5	D				0.9% / 1.0%		No
24	La Media Road & Telegraph Canyon Road / Otay Lakes Road	Signal	47.2	D	53.8	D				0.5% / 0.6%		No
25	SR-125 SB Ramps & Otay Lakes Road	Signal	11.6	B	11.3	B				1.2% / 0.9%		No
26	SR-125 NB Ramps & Otay Lakes Road	Signal	9.3	A	12.5	B				1.4% / 1.8%		No
27	East Lake Parkway & Otay Lakes Road	Signal	42.7	D	49.9	D				1.3% / 1.5%		No
28	Lane Avenue & Otay Lakes	Signal	20.8	C	35.3	D				1.3% / 1.9%		No

	Road											
29	Hunte Parkway & Otay Lakes Road	Signal	19.8	B	26.3	C				2.3% / 2.5%		No
30	Fenton Street & Otay Lakes Road	Signal	30.1	C	41.7	D				3.3% / 3.9%		No
31	East Lake Parkway & Olympic Parkway	Signal	27.3	C	33.4	C				0.2% / 0.2%		No
32	Hunte Parkway & Olympic Parkway	Signal	20.7	C	45	D				1.8% / 1.5%		No
33	East Lake Parkway & Hunte Parkway	Signal	30.2	C	30.3	C	Does Not Exist			1.4%/1.6%		No
34	Proctor Valley Road & Project Driveway #1	RA	32.6	D	34.8	D	Does Not Exist					No
35	Proctor Valley Road & Project Driveway #2	SSSC	13.8	B	16.7	C	Does Not Exist					No
36	Proctor Valley Road & Project Driveway #3	RA	17.3	C	15.9	C	Does Not Exist					No
37	Proctor Valley Road & Project Driveway #4	RA	11.2	B	10.2	B	Does Not Exist					No
38	Proctor Valley Road & Project Driveway #5	RA	7	A	6.7	A	Does Not Exist					No
39	Proctor Valley Road & Project Driveway #6	SSSC	10.7	B	13.6	B	Does Not Exist					No
40	Proctor Valley Road & Project Driveway #7	RA	5.7	A	5.8	A	Does Not Exist					No
41	Proctor Valley Road & Project Driveway #8	SSSC	10.7	B	10.9	B	Does Not Exist					No
42	Proctor Valley Road & Project Driveway #9	AWSC	12.8	B	10.4	B	Does Not Exist					No

Source: Proctor Valley Village 14 and Preserve Specific Plan Traffic Impact Study, Table 6.2 Peak Hour Intersection LOS Results – Year 2025 Cumulative Conditions (Chen Ryan 2017)
Notes:
SSSC: Side street stop control
AWSC: All-way stop controlled intersection.
RA: Roundabout.

Year 2030 Cumulative Conditions

It is anticipated that under the Year 2030 Cumulative Conditions scenario, the Northwoods Drive / Agua Vista Drive and Proctor Valley Road intersection would operate at an unacceptable LOS (LOS E - AM Peak hour / LOS F - PM Peak hour). The SR-94 / Lyons Valley Road, which operates at LOS F under Existing Conditions and Cumulative Year 2025, was not analyzed or the Land Exchange Alternative, because the cumulative scenario in the San Diego County General Plan, which includes the buildout of additional units on land owned by the State of California for conservation purposes, would not occur under the Land Exchange Alternative. Therefore, the cumulative traffic and associated potential CO hotspots are expected to be greater in the Proposed Project, and as a result are not included in this analysis.

Mitigation requiring signalization was determined to mitigate the direct impact Northwoods Drive / Agua Vista Drive and Proctor Valley Road inters; however, these intersections are located within the City of Chula Vista and the County does not have the jurisdiction to permit or implement improvements. As such, mitigation would also be infeasible at buildout. For the Northwoods Drive / Agua Vista Drive and Proctor Valley Road intersection, the peak hourly trips were 2,183 in the AM and 2,438 in the PM, which exceed the screening threshold.

Table 3 presents Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions.

Table 3
Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions

#	Intersection	AM Peak Hour		PM Peak Hour		Project % of Entering Volume AM/PM	Significant Impact?
		Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS		
6	San Miguel Ranch Road & SR-125 SB Ramps	22.0	C	19.6	B	10.7% / 8.4%	No
7	San Miguel Ranch Road & SR-125 NB Ramp	17.0	B	14.9	B	8.3% / 8.1%	No
8	I-805 SB Ramp & East H Street	13.5	B	13.5	B	1.0% / 0.8%	No
9	I-805 NB Ramp & East H Street	10.7	B	15.0	B	1.2% / 1.2%	No
10	Terra Nova Drive & East H Street	16.3	B	21.6	C	1.2% / 1.3%	No
11	East H Street & Del Rey Boulevard	13.1	B	11.1	B	1.3% / 1.3%	No
12	Pasel Del Rey & East H Street	22.7	C	43.2	D	3.5% / 3.3%	No
13	Paseo Ranchero & East H Street	53.7	D	52.5	D	3.7% / 4.2%	No
14	Otay Lakes Road & East H Street	42.1	D	53.3	D	5.0% / 4.8%	No
15	SR-125 SB Ramp & East H Street	6.6	A	8.0	A	14.0% / 15.2%	No
16	SR-125 NB Ramp & East H Street	3.9	A	6.3	A	15.3% / 18.1%	No
17	Mt Miguel Road & East H Street	51.1	D	36.0	D	13.7% / 17.3%	No
18	Lane Avenue & East H Street	39.3	D	46.3	D	21.4% / 21.6%	No
19	Hunte Parkway & East H Street	29.9	C	37.1	D	26.9% / 28.6%	No
20	Northwoods Drive / Agua Vista Drive & Proctor Valley Road	60.4	F	61.4	F	49.2% / 50.8%	Yes
21	East Lake Parkway & Fenton Street	26.0	C	51.2	D	3.3% / 2.5%	No
22	Lane Avenue & Fenton Street	36.3	D	45.3	D	2.5% / 2.0%	No
23	Heritage Road/Paseo Ranchero & Telegraph Canyon Road	53.8	D	53.9	D	1.0% / 1.3%	No
24	La Media Road & Telegraph Canyon Road / Otay Lakes Road	49.4	D	53.9	D	0.5% / 0.6%	No
25	SR-125 SB Ramps & Otay Lakes Road	11.9	B	13.1	B	1.1% / 0.9%	No

26	SR-125 NB Ramps & Otay Lakes Road	9.5	A	20.8	C	1.4% / 1.6%	No
27	East Lake Parkway & Otay Lakes Road	48.3	D	51.9	D	1.3% / 1.4%	No
28	Lane Avenue & Otay Lakes Road	22.9	C	42.8	D	1.3% / 1.8%	No
29	Fenton Street & Otay Lakes Road	25.3	C	29.8	C	2.2% / 2.3%	No
30	Hunte Parkway & Otay Lakes Road	42.5	D	44.7	D	3.4% / 4.2%	No
31	East Lake Parkway & Olympic Parkway	28.5	C	34.1	C	0.5% / 0.4%	No
32	Hunte Parkway & Olympic Parkway	34.7	C	51.7	D	1.8% / 1.5%	No
33	East Lake Parkway & Hunte Parkway	52.1	D	44.9	D	1.1% / 1.2%	No

Source: Proctor Valley Village 14 and Preserve Specific Plan Traffic Impact Study, Table 7.1 Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions (Chen Ryan 2017)
Notes:
SSSC: Side street stop control
AWSC: All-way stop controlled intersection.
RA: Roundabout.

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         CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
                  JUNE 1989 VERSION
                  PAGE   1

             JOB: PVR&Northwoods 2030
             RUN: STANDARD RUN     (WORST CASE ANGLE)
       POLLUTANT: CO
```

I. SITE VARIABLES

```
        U=   1.0 M/S            Z0=  10. CM           ALT= 190.8 (M)
      BRG= WORST CASE           VD=  0.0 CM/S
     CLAS=     7 (G)            VS=  0.0 CM/S
     MIXH= 1000. M             AMB=  2.0 PPM
    SIGTH=   10. DEGREES      TEMP=  5.1 DEGREE (C)
```

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. PVR WBRA	500	36	30	36	AG	24	2.7	0.0	33.0
B. PVR WBTA	500	18	-30	18	AG	10	2.7	0.0	33.0
C. PVR WBLA	500	-12	-18	-12	AG	320	2.7	0.0	33.0
D. PVR WBD	-30	18	-500	18	AG	90	2.7	0.0	33.0
E. PVR EBLA	-500	-12	30	-12	AG	15	2.7	0.0	33.0
F. PVR EBTA	-500	-54	-18	-54	AG	5	2.7	0.0	33.0
G. PVR EBRA	0	-36	500	-36	AG	25	2.7	0.0	33.0
H. PVR EBD	12	-500	12	18	AG	187	2.7	0.0	33.0
I. North NBLA	30	-500	30	-12	AG	35	2.7	0.0	33.0
J. North NBTA	42	-500	42	-36	AG	958	2.7	0.0	33.0
K. North NBRA	30	-12	30	500	AG	37	2.7	0.0	33.0
L. North NBD	0	500	0	-36	AG	1293	2.7	0.0	33.0
M. North SBLA	-18	500	-18	-12	AG	145	2.7	0.0	33.0
N. North SBTA	-30	500	-30	18	AG	684	2.7	0.0	33.0
O. North SBRA	-18	-12	-18	-500	AG	45	2.7	0.0	33.0
P. North SBD	-500	-36	0	-36	AG	733	2.7	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. SR1	-60	50	5.9

2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: PVR&Northwoods 2030
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SR1	16.	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	339.	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. SR3	10.	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. SR4	315.	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. SR1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
2. SR2	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
3. SR3	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1
4. SR4	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0

```
CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
         JUNE 1989 VERSION
         PAGE   1

     JOB: SR94&Lyons Valley Rd 2025
     RUN: STANDARD RUN     (WORST CASE ANGLE)
POLLUTANT: CO
```

I. SITE VARIABLES

```
      U=   1.0 M/S            Z0=  10. CM           ALT= 272.8 (M)
    BRG= WORST CASE           VD=  0.0 CM/S
   CLAS=     7 (G)            VS=  0.0 CM/S
   MIXH= 1000. M             AMB=  2.0 PPM
  SIGTH=   10. DEGREES       TEMP=  5.1 DEGREE (C)
```

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. Lyons WBRA	*	500	36	30	36	* AG	24	2.8	0.0	33.0
B. Lyons WBTA	*	500	18	-30	18	* AG	10	2.8	0.0	33.0
C. Lyons WBLA	*	500	-12	-18	-12	* AG	320	2.8	0.0	33.0
D. Lyons WBD	*	-30	18	-500	18	* AG	90	2.8	0.0	33.0
E. Lyons EBLA	*	-500	-12	30	-12	* AG	15	2.8	0.0	33.0
F. Lyons EBTA	*	-500	-54	-18	-54	* AG	5	2.8	0.0	33.0
G. Lyons EBRA	*	0	-36	500	-36	* AG	25	2.8	0.0	33.0
H. Lyons EBD	*	12	-500	12	18	* AG	187	2.8	0.0	33.0
I. SR94 NBLA	*	30	-500	30	-12	* AG	35	2.8	0.0	33.0
J. SR94 NBTA	*	42	-500	42	-36	* AG	958	2.8	0.0	33.0
K. SR94 NBRA	*	30	-12	30	500	* AG	37	2.8	0.0	33.0
L. SR94 NBD	*	0	500	0	-36	* AG	1293	2.8	0.0	33.0
M. SR94 SBLA	*	-18	500	-18	-12	* AG	145	2.8	0.0	33.0
N. SR94 SBTA	*	-30	500	-30	18	* AG	684	2.8	0.0	33.0
O. SR94 SBRA	*	-18	-12	-18	-500	* AG	45	2.8	0.0	33.0
P. SR94 SBD	*	-500	-36	0	-36	* AG	733	2.8	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT) X	Y	Z
1. SR1	*	-60	50	5.9

2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: SR94&Lyons Valley Rd 2025
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SR1	16.	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	339.	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. SR3	10.	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. SR4	315.	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. SR1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
2. SR2	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
3. SR3	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1
4. SR4	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0

APPENDIX D

AERMOD Output Files and Cancer Risk Estimates

Health Risk Assessment Report
for the
Otay Ranch Village 14
and Planning Areas 16/19
Land Exchange Alternative
San Diego County, California

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ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
µg/m^3	micrograms per cubic meter
ADMRT	Air Dispersion Modeling and Risk Tool
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age sensitivity factor
BACT	Best Available Control Technology
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
County	County of San Diego
DBR	daily breathing rate
DPM	diesel particulate matter
EPA	U.S. Environmental Protection Agency
FAH	fraction of time at home
GDP/SRP	General Development Plan/Subregional Plan
HARP 2	Hotspots Analysis and Reporting Program
NO_x	Oxides of Nitrogen
OEHHA	Office of Environmental Health Hazard Assessment
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
REL	reference exposure level
SDAPCD	San Diego Air Pollution Control District
SF	square feet
TAC	toxic air contaminant
T-BACT	Toxics–Best Available Control Technology

EXECUTIVE SUMMARY

The Otay Ranch Village 14 Land Exchange Alternative is part of the overall Otay Ranch project, an approximately 23,000-acre master-planned community in southern San Diego County (County), designed as a series of villages and planning areas. The Land Exchange Alternative location is within Otay Ranch Village 14 in the Proctor Valley area of Otay Ranch.

The Land Exchange Alternative would include approximately 517 acres designated for 1,530 homes, 1,124 of which would be traditional single-family homes, 283 would be single-family age-restricted homes, and 123 would be multi-family homes, as indicated in Table 1. Eighteen neighborhoods are planned, with approximate densities ranging from 1.5 to 15.0 dwelling units per acre. The age-restricted neighborhoods would be gated, as would four of the single-family neighborhoods situated on the largest lots.

Village 14 in the Land Exchange Alternative is planned around a centrally located Village Core. Higher-density residential uses would be adjacent to the Village Core, with single-family residential radiating out in decreasing density. The Village Core would be composed of the Neighborhood Center, which would include an 8-acre elementary school site, a 4-acre Village Green (public park), a 3-acre mixed-use site with up to 15,000 square feet of commercial/retail uses and 54 multi-family homes, and a 2-acre Village Square Community Facility. The Village Core would also include a 2-acre public safety site for a fire station and satellite sheriff's facility, and 69 multi-family townhomes located adjacent to the public safety site.

The dispersion modeling conducted for this assessment was performed using the U.S. Environmental Protection Agency (EPA)-approved dispersion model, American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) in conjunction with the Hotspots Analysis and Reporting Program Version 2 (HARP 2). HARP 2 has been developed by the California Air Resources Board (CARB) as a tool to implement the risk assessments and incorporates all the requirements provided by the Office of Environmental Health Hazard Assessment (OEHHA) as outlined in the *Air Toxics Hot Spot Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015). This health risk assessment (HRA) follows the 2015 OEHHA Guidelines and the San Diego Air Pollution Control District (SDAPCD) *Supplemental Guidelines for Submission of Air Toxics 'Hot Spots' Program Health Risk Assessments* (SDAPCD 2015).

Impacts related to cancer risk and chronic hazard from diesel particulate matter (DPM), which is a toxic air contaminant (TAC), would be below the SDAPCD's thresholds during construction activities; therefore, impacts would be **less than significant**.

No long-term sources of TAC emissions are anticipated during operation of the Land Exchange Alternative because the Land Exchange Alternative would only include residential units, commercial land uses, a school, parks, and Preserve land; the Land Exchange Alternative would not include heavy industrial uses or other land uses typically associated with stationary sources and TACs. Additionally, the Land Exchange Alternative would not be located next to a major source of TAC or high-volume roadway. As such, the Land Exchange Alternative would not result in substantial TAC emissions that may affect nearby receptors, nor would the Land Exchange Alternative be exposed to nearby sources of TACs. Impact would be **less than significant**.

1 INTRODUCTION

1.1 Report Purpose and Scope

In support of the air quality and greenhouse gas (GHG) emissions analysis technical report preparation, Dudek prepared a health risk assessment (HRA) to estimate health risk impacts from construction of the Land Exchange Alternative of the Otay Ranch project. The analysis presented uses air dispersion modeling methodology to evaluate potential public health risks associated with construction of the Land Exchange Alternative. Results of the modeling analysis are compared with the most recent significance thresholds established by the San Diego Air Pollution Control District (SDAPCD) for purposes of California Environmental Quality Act (CEQA) analysis.

1.2 Project Description

The Land Exchange Alternative is part of the overall Otay Ranch project, an approximately 23,000-acre master-planned community in southern San Diego County designed as a series of villages and planning areas. The Land Exchange Alternative is located within Otay Ranch Village 14 in the Proctor Valley area of Otay Ranch. The underlying purpose of the Land Exchange Alternative is to implement the adopted Otay Ranch General Development Plan/Subregional Plan (Otay Ranch GDP/SRP). The Land Exchange Alternative is designed to limit development within Proctor Valley to Village 14 and convert the majority of development approved by the Otay Ranch GDP/SRP for Planning Areas 16/19 to Otay Ranch Resource Management Plan Preserve. The Land Exchange Alternative assumes the completion of a land exchange agreement with the State of California and a simultaneous boundary adjustment to the Multiple Species Conservation Program (MSCP) and Resource Management Plan Preserve systems. The Land Exchange Alternative proposes 1,530 homes composed of 1,407 single-family homes (including 283 age-restricted units) and 123 multi-family homes in Otay Ranch Village 14.

1.3 Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute (short-term) and/or chronic (long-term) noncancer health effects. A toxic substance released into the air is considered a toxic air contaminant (TAC). Examples include certain aromatic and chlorinated hydrocarbons, diesel particulate matter (DPM), certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ system and may be experienced either on acute or chronic exposure to a given TAC.

In 1998, CARB designated diesel engine exhaust particulate matter (DPM) as a TAC. The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long term chronic health hazard impacts. No short-term, acute relative exposure level has been established for DPM; therefore, acute impacts of DPM are not addressed in this assessment.

1.3.1 Cancer Risk

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in one million. The cancer risk from exposure to a TAC is estimated by calculating the inhalation (and if applicable, ingestion or dermal) dose in units of milligrams/kilogram body weight per day. The dose is based on an ambient concentration in units of micrograms per cubic meter ($\mu g/m^3$), age sensitivity factors (ASFs), daily breathing rates (DBRs), exposure period, and fraction of time spent at home (FAH). The cancer risk is calculated by multiplying the dose by the cancer potency factor, expressed as (milligrams/kilogram body weight per day)$^{-1}$. Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses and is consistent with the OEHHA regulatory approach.

The cancer risk calculations were performed by multiplying the predicted dispersion modeled output data by the TAC emissions and the appropriate risk values. The exposure and risk equations that were used to calculate the cancer risk at receptors are integrated in the Hotspots Analysis and Reporting Program, Version 2 (HARP 2) model, in accordance with the *Air Toxics Hot Spot Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015).

The following equations were used to calculate the cancer risk using the model output data and estimated TAC emissions associated with diesel exhaust.

Cancer Risk = DOSE * CPF * ASF * ED/AT * FAH

$$\mathbf{DOSE = (C_{air} * DBR * A * EF * 10^{-6})}$$

$$C_{air} = ER * X/Q$$

Where:

- DOSE: Daily inhalation dose (mg/kg-day)

- CPF: Cancer potency factor (mg/kg-day) -1
- ASF: Age sensitivity factor for a specified age group (unitless)
- ED: Exposure duration (in years) for a specified age group
- AT: Averaging time for lifetime cancer risk (years)
- FAH: Fraction of time spent at home (unitless)
- C_{air}: Average air concentration of TAC from the air dispersion model ($\mu g/m^3$)
- DBR: Daily breathing rate (L/kg body weight-day)
- EF: Exposure frequency (unitless), days/365 days
- A: Inhalation absorption factor (unitless)
- 10^{-6}: Micrograms to milligrams conversion, liters to cubic meters conversion
- ER: Emission rates (g/s)
- X/Q: Model output data ($\mu g/m^3$)/(g/s)

1.3.2 Noncancer Health Impacts

The noncancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of $\mu g/m^3$ divided by the reference exposure level (REL), also in units of $\mu g/m^3$. The REL is the concentration at or below which no adverse health effects are anticipated. The REL is typically based on health effects to a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index. For DPM, the target organ system is the respiratory system.

In addition to the potential cancer risk, DPM has chronic (i.e., long-term) noncancer health impacts. The chronic noncancer hazard index for DPM was calculated by dividing the maximum modeled annual average concentration of TACs by its REL as implemented by HARP 2.

The chronic hazard quotients were calculated for DPM using the following equations (OEHHA 2015).

CHQ = (C_{air} /REL)

Where:

- CHQ: Chronic hazard quotient
- Cair: Annual average concentration (µg/m3)
- REL: Chronic reference exposure level (µg/m^3)

2 GUIDANCE AND THRESHOLDS

2.1 San Diego Air Pollution Control District Guidance

The SDAPCD has established public health risk notification thresholds (SDAPCD Rule 1210), including an incremental cancer risk threshold of 10 in 1 million people and a total acute non-cancer health hazard index of 1.0. Additionally, in June 2015, and in response to the 2015 OEHHA Guidelines published earlier that year, SDAPCD published their *Supplemental Guidelines for Submission of Air Toxics 'Hot Spots' Program Health Risk Assessments*. In the *Supplemental Guidelines*, SDAPCD clarified the thresholds that apply to projects conducting HRAs, stating that "cancer and non-cancer chronic and acute risk isopleths (contours) are required if offsite cancer risks exceed 10 in a million or the non-cacner HHI's [health hazard indices] exceed 1."

2.2 OEHHA Guidance

OEHHA's most recent guidance is the *Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015), which was adopted in 2015 replacing the previous 2003 guidance manual. The Children's Environmental Health Protection Act of 1999 (Senate Bill 25), which requires explicit consideration of infants and children in assessing risks from air toxics, required revisions of the methods for both noncancer and cancer risk assessment and of the exposure assumptions in the 2003 OEHHA HRA guidance manual. In response to SB 25, OEHHA released three technical support documents (TSDs) addressing RELs (OEHHA 2008), cancer potency (OEHHA 2009), and exposure assessment and stochastic analysis (OEHHA 2012) and adopted the revised HRA guidance manual (OEHHA 2015). The TSD for RELs and continuing work to re-evaluate TACs to ensure adequate protection for infants and children has led to revisions of RELs for approximately 10 chemicals and chemical families. The basic methodology for evaluating acute and chronic health effects using the RELs otherwise remained the same as in the previous guidance manual. Moreover, RELs are designed to protect the most sensitive individuals in the population, including infants and children, by selecting appropriate toxicological data and including margins of safety. Accordingly, the evaluation methods are assumed to protect children and other sensitive subpopulations (groups of more highly susceptible individuals) from adverse health effects in the event of exposure (OEHHA 2008).

The cancer risk methodology described in exposure assessment and stochastic analysis TSD and the OEHHA guidance manual accounts for the higher sensitivity of infants and children by applying age-specific DBRs and ASFs. According to the TSD, "accounting for effects of early-in-life exposure requires accounting for both the increased potency of early in life exposure to carcinogens and the greater exposure on a per [kilogram] body weight that occurs early in life due to behavioral

and physiological differences between infants and children, and adults" (OEHHA 2012). In part, early-life periods are accounted for through the use of age-sensitivity factors. Compared to the previous guidance, which relied on a single breathing rate for all ages, the revised guidance also includes age-specific DBRs that reflect the differences between those for infants, children, and adults.

3 ESTIMATED EMISSIONS

Construction of the Land Exchange Alternative would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, and soil disturbance) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Emissions from the construction phase of the South Village were estimated using the California Emissions Estimator Model (CalEEMod), version 2016.3.1. In addition, the DPM emissions from the generator used to operate the rock crushing equipment was quantified separately, since CalEEMod does not account for rock crushing. Total particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}) exhaust emissions were estimated at 0.21 tons for the unmitigated scenario, and 0.04 tons for the mitigated scenario. Details of the emission calculations are provided in Appendix A.

Mitigation Measures

Mitigation Measures M-AQ-1 through M-AQ-8 have been identified to reduce construction criteria air pollutant emissions and associated construction-related air quality impacts generated by the Land Exchange Alternative. M-AQ-1 and M-AQ-2 shall be implemented during blasting and rock crushing activities. Prior to approval of any grading permits, the applicant or its designee shall include M-AQ-3 on all grading plans, which shall be implemented during grading of each phase of the Land Exchange Alternative to minimize PM_{10} and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$). M-AQ-4 was primarily identified to reduce oxides of nitrogen (NO_x) and PM emissions. M-AQ-5 through M-AQ-8 were identified to reduce exhaust particulate matter emissions.

M-AQ-1 **Tier 4 Final Rock Crushing Equipment**. Prior to the commencement of any rock crushing activities, the applicant shall provide evidence to the County of San Diego that all diesel-powered generators with engines greater than 750 horsepower used for rock crushing operations are equipped with Tier 4 Final engines.

M-AQ-2 **Blasting and Rock Crushing Notification**. Prior to the commencement of any construction activities, the applicant shall provide evidence to the County of San Diego that the applicant or its designee has employed a construction relations officer who will address community concerns regarding on-site construction activity. The applicant shall provide public notification in the form of a visible sign containing the contact information of the construction relations officer, who will document complaints and concerns regarding on-site construction activity. The sign shall be placed in easily-accessible locations along Proctor Valley Road and noted on grading and improvement plans.

M-AQ-3 **Blasting and Rock Crushing Emission Controls**. The following provisions shall be implemented to reduce emissions associated with blasting and rock crushing activities:

a. During blasting activities, the construction contractor shall implement all feasible engineering controls to control fugitive dust including exhaust ventilation, blasting cabinets and enclosures, vacuum blasters, drapes, water curtains or wet blasting.

   Watering methods, such as water sprays and water applications, also shall be implemented during blasting, rock crushing, cutting, chipping, sawing, or any activity that would release dust particles to reduce fugitive dust emissions.

b. During rock crushing transfer and conveyance activities, material shall be watered prior to entering the crusher.

   Additionally, crushing activities shall not exceed an opacity limit of 20% (or Number 1 on the Ringelmann Chart) as averaged over a 3 minute period in any period of 60 consecutive minutes, in accordance with SDAPCD Rule 50, Visible Emissions. A qualified opacity observer shall monitor opacity from crushing activities once every 30 days while crushers are employed on site to ensure compliance with SDAPCD Rule 50.

   Water sprayers, conveyor belt enclosures or other mechanisms also shall be employed to reduce fugitive dust generated during transfer and conveyance of crush material.

M-AQ-4 **Tier 4 Interim Construction Equipment**. Prior to the commencement of any construction activities, the applicant shall provide evidence to the County of San Diego that for off-road equipment with engines rated at 75 horsepower or greater, no construction equipment shall be used that is less than Tier 4 Interim. An exemption from these requirements may be granted by the County in the event that the applicant documents that (1) equipment with the required tier is not reasonably available (e.g., reasonability factors to be considered include those available within the County within the scheduled construction period), and (2) corresponding reductions in criteria air pollutant emissions are achieved from other construction equipment. For example, if a Tier 4 Interim piece of equipment is not reasonably available at the time of construction and a lower tier equipment is used instead (e.g., Tier 3), another piece of equipment could be upgraded from a Tier 4 Interim to a higher tier (i.e., Tier 4 Final) or replaced with an alternative-fueled (not diesel-

fueled) equipment to offset the emission reductions associated with using a piece of equipment that does not meet Tier 4 Interim standards.

M-AQ-5 **Construction Equipment Maintenance**. The primary contractor shall be responsible for ensuring that all construction equipment is properly tuned and maintained in accordance with manufacturer's specifications before and for the duration of on-site operation.

M-AQ-6 **Use of Electrical-Powered Equipment**. Electrical hookups shall be provided on site for hand tools, such as saws, drills, and compressors, used for building construction to reduce the need for electric generators and other fuel-powered equipment. The use of electrical construction equipment shall be employed, where feasible.

M-AQ-7 **Best Available Control Technology**. Construction equipment shall be outfitted with best available control technology (BACT) devices certified by CARB. A copy of each unit's BACT documentation shall be provided to the County at the time of mobilization of each applicable unit of equipment.

M-AQ-8 **Haul Trucks** Haul truck staging areas shall be provided for loading and unloading of soil and materials and shall be located away from sensitive receptors at the furthest feasible distance.

4 MODELING METHODOLOGY

4.1 Dispersion Model

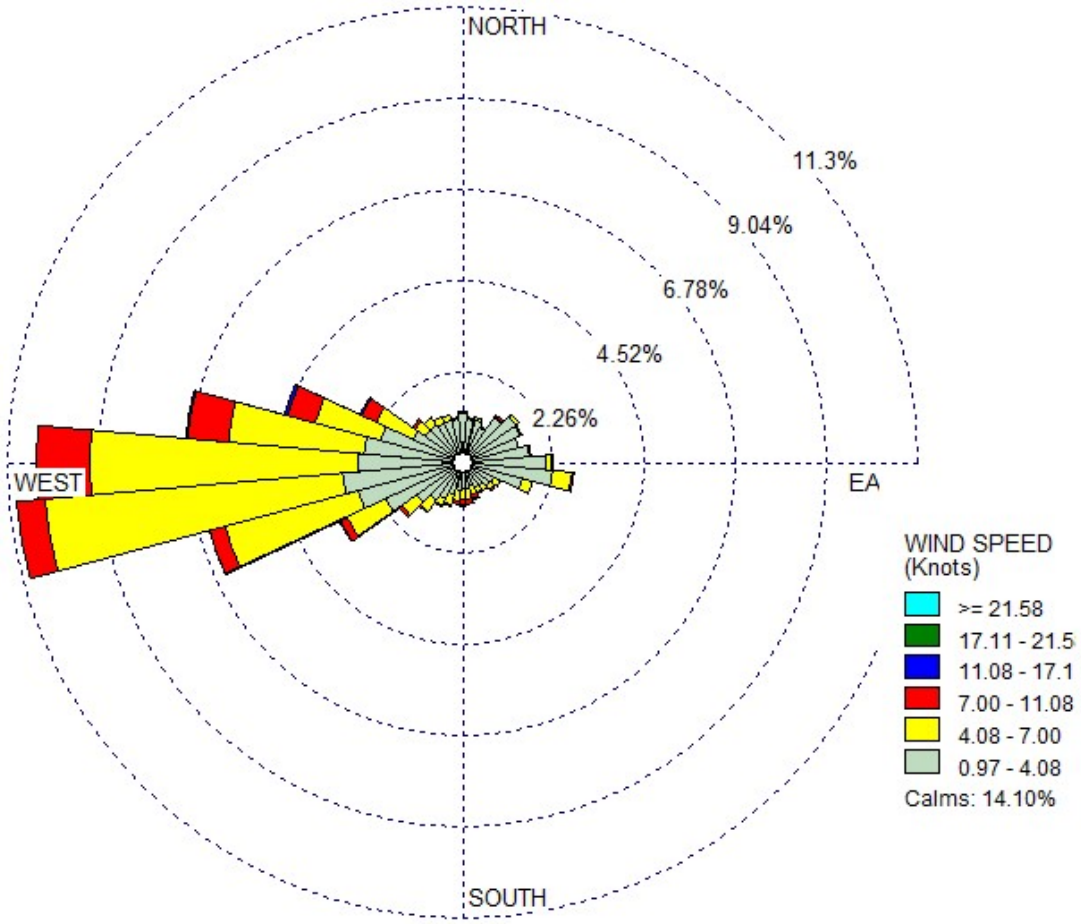
Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or off-site workplace receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

Dispersion modeling was performed for the HRA using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD). AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of both surface and elevated sources, building downwash, and both simple and complex terrain. Principal parameters of AERMOD for the Project construction include the following:

Dispersion Model. The air dispersion model used was AERMOD, Version 16216r, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 9.5.0. AERMOD was run with all sources emitting unit emissions (1 g/s) to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The X/Q values of ground-level concentrations (GLCs) were determined for construction emissions using AERMOD and the maximum concentrations determined for the 1-hour and Period averaging periods.

Meteorological Data. The latest 3-year meteorological data (2010–2012) for the Chula Vista station from SDAPCD were used. A windrose is provided for this station in Figure 1.

Figure 1
Windrose for Chula Vista Meteorological Station



Source: Lakes Environmental 2017.

Model Options. The modeling included the use of standard regulatory default options, including the use of rural dispersion parameters and elevated terrain per SDAPCD guidance.

Terrain Characteristics. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate.

Modeling Grid. A receptor grid was placed over a 2-kilometer course grid area using 250-meter resolution to evaluate locations of maximum health risk impact.

Discrete Receptors. Discrete receptors were analyzed at a 25 meter distance surrounding the construction area to represent on-site residences, as well as at the nearest off-site residential communities to the west and southwest of the South Village construction area.

Source Equipment Operating Scenarios. Air dispersion modeling of construction activities was conducted using emissions generated using CalEEMod and the separate calculation for rock crushing emissions. The emissions within the construction area were modeled as a single area source.

Source Release Characteristics. For modeling construction emissions impacts using AERMOD, it was assumed that all of South Village would be disturbed with equipment during a 4-year period of activity. An initial vertical dimension of 1.2 meters and release height of 5 meters was used for diesel equipment and truck exhaust.

4.2 Health Risk Assessment Methodology

This HRA follows the 2015 OEHHA Guidelines and the SDAPCD *Supplemental Guidelines for Submission of Air Toxics 'Hot Spots' Program Health Risk Assessments* (SDAPCD 2015). For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less-intensive, more-dispersed emissions result from on-road vehicle exhaust (e.g., heavy-duty diesel trucks). These emissions could result in elevated concentrations of DPM at nearby receptors, which could lead to an increase in the risk of cancer or other health impacts. Consequently, an HRA was performed to determine the extent of increased cancer risks and hazard indices at the maximally exposed receptor. The dispersion of DPM was modeled using the AERMOD dispersion model, along with meteorological data provided by the SDAPCD for the Project site, and the resultant health impacts were calculated using the CARB HARP 2. For the residential health risk, the HRA assumes exposure would start in the third trimester of pregnancy and occur 8 hours per day, 5 days per week, for 4-years to account for the South Village construction activity duration.

The nearest existing off-site residential receptors consist of single-family residences approximately 985 meters (3,230 feet) to the west of South Village. Since the Land Exchange

Alternative also includes residential development that could be occupied in the initial phase while the remaining phases of construction are on-going, it was assumed that the nearest on-site residences were located at a distance of 25 meters (82 feet) from Land Exchange Alternative construction.

To develop a conservative assumption regarding DPM exposure, it was assumed that all of South Village would be disturbed with equipment during its 4-year period of activity, after which construction would occur at a different area of the site greater than 1,000 feet away from the nearest existing off-site and future on-site residence. A 1,000-foot radial distance is considered the distance in which pollutant concentrations are greatest, and serves as a general "notification" distance from receptors. For example, research conducted by CARB indicated an 80% drop-off in pollutant concentrations at approximately 1,000 feet from major sources (CARB 2005). Therefore, a 1,000-foot distance is often used in analyzing impacts to receptors from distribution centers, freeways, rail yards, stationary sources, and other pollutant sources.

For the purposes of this assessment, given the less-than-lifetime exposure period, and the higher breathing rates and sensitivity of children to TACs, the cancer risk calculation assumes that the exposure would affect children early in their lives. For the derived cancer risk calculation under the worst-case scenario, the 4-year exposure duration was assumed to start during the 3rd trimester of pregnancy. Additionally, FAH default factors were applied only to age groups greater than or equal to 16-years old. For children less than 16 years old, a FAH of 100 percent was assumed, which estimates risk with the assumption that young children are exposed to comparable air pollutant concentrations if they attend school close to home.

5 HEALTH RISK ASSESSMENT RESULTS

An HRA was performed to estimate the Maximum Individual Cancer Risk and the Chronic Hazard Index for residential receptors as a result of Land Exchange Alternative construction. An unmitigated emissions scenario, which would not include M-AQ-1 through M-AQ-8 is presented for disclosure purposes. The mitigated emissions scenario assumes implementation of construction criteria air pollutant emissions mitigation; specifically, M-AQ-1 and M-AQ-4, which are quantified in the estimated mitigated emissions.[1]

On-site residential receptors and off-site residential receptors were evaluated. For both the unmitigated and mitigated emissions scenarios, the maximum exposed individual resident was the potential on-site resident living in the Land Exchange Alternative area directly west of the construction site.

Cancer Risk

As shown in Table 1, unmitigated construction emissions would result in maximum individual cancer risk for the maximally exposed on-site resident of about 1.0 in a million, which would not exceed the SDAPCD's 10 in a million threshold. Off-site residences would also be exposed to TACs resulting in risk below the significance threshold of 10 in 1 million. Therefore, the cancer risk associated with unmitigated construction impacts at the maximally exposed residents would be **less than significant.**

Table 1
Construction Cancer Risk Assessment Results - Unmitigated Emissions

Impact Parameter	Units	Land Exchange Alternative Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk—On-Site Residential	Per Million	1.0	10	Less than Significant
Maximum Individual Cancer Risk—Off-Site Residential	Per Million	0.1	10	Less than Significant

[1] Some construction equipment that was assumed to meet Tier 4 Interim standards may achieve Tier 4 Final standards, which would include more restrictive emissions controls than what was assumed in this assessment, depending on the engine size and model year. In addition, other T-BACT and CARB regulations would be applicable to the Land Exchange Alternative including Idling of Commercial Heavy Duty Trucks (13 CCR 2485), In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.), and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

Table 2 presents the mitigated cancer risk for on-site and off-site residences.

Table 2
Construction Cancer Risk Assessment Results – Mitigated Emissions

Impact Parameter	Units	Land Exchange Alternative Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk—On-Site Residential	Per Million	0.2	10	Less than Significant
Maximum Individual Cancer Risk—Off-Site Residential	Per Million	0.02	10	Less than Significant

As shown in Table 2, mitigated construction emissions would result in maximum individual cancer risks for both on-site and off-site residences that are below the significance threshold of 10 in 1 million. Therefore, the mitigated construction emissions would result in a cancer risk impact that is **less than significant**.

Chronic Hazard

Table 3 tabulates the chronic hazard indices for on-site and off-site residences assuming unmitigated Land Exchange Alternative construction generated emissions.

Table 3
Construction Chronic Hazard Index Assessment Results - Unmitigated Emissions

Impact Parameter	Units	Land Exchange Alternative Impact	CEQA Threshold	Level of Significance
Chronic Hazard Index—On-Site Residential	Index Value	0.0005	1.0	Less than Significant
Chronic Hazard Index—Off-Site Residential	Index Value	0.00006	1.0	Less than Significant

Unmitigated construction emissions would result in chronic hazard indices for both on-site and off-site residences that are below the significance threshold of 1.0. Therefore, the chronic health risk associated with unmitigated construction impacts would be **less than significant**.

Table 4 presents mitigated chronic hazard indices for on-site and off-site residences.

Table 4
Construction Chronic Hazard Index Results – Mitigated Emissions

Impact Parameter	Units	Land Exchange Alternative Impact	CEQA Threshold	Level of Significance
Chronic Hazard Index—On-Site Residential	Index Value	0.00009	1.0	Less than Significant
Chronic Hazard Index—Off-Site Residential	Index Value	0.00001	1.0	Less than Significant

Mitigated construction emissions would result in chronic hazard indices for both on-site and off-site residences which are below the significance threshold of 1.0. Therefore, the mitigated construction impacts would be **less than significant.**

6 CONCLUSIONS

The Land Exchange Alternative's residential cancer risk at on site and off site receptors would not exceed the SDAPCD's thresholds before mitigation. The implementation of M-AQ-1 through M-AQ-8 would further reduce construction-related DPM emissions and cancer risk at on-site and off-site residences. In summary, the Land Exchange Alternative's cancer risk and chronic hazard at sensitive receptor locations would be be below the SDAPCD's thresholds; therefore, impacts would be **less than significant**.

7 LITERATURE CITED

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APPENDIX A

CalEEMod Output Files

CalEEMod Version: CalEEMod.2016.3.1 Date: 10/5/2017 8:02 PM

South Village Residential General Construction - LEA

San Diego County, Annual

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**	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

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

Woodstoves - operational analysis only

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

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
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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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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	162.50	272.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	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	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	3.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Paving -1
tblOffRoadEquipment	PhaseName		Interact Paving -2
tblOffRoadEquipment	PhaseName		Interact Paving -3
tblOffRoadEquipment	PhaseName		Interact Paving -4
tblOffRoadEquipment	PhaseName		Interact Paving -5
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Site Preparation
tblOffRoadEquipment	PhaseName		Site Preparation
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tblOffRoadEquipment	PhaseName		Interact Paving -7
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Paving -1
tblOffRoadEquipment	PhaseName		Interact Paving -2

tblOffRoadEquipment	PhaseName		Interact Paving -3
tblOffRoadEquipment	PhaseName		Interact Paving -4
tblOffRoadEquipment	PhaseName		Interact Paving -5
tblOffRoadEquipment	PhaseName		Grading
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tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00

tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
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tblProjectCharacteristics	OperationalYear	2018	2023
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	2,417.00
tblTripsAndVMT	VendorTripLength	7.30	0.15
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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
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tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1591	1.7908	1.2246	2.6500e-003	1.3642	0.0731	1.4373	0.3148	0.0673	0.3821	0.0000	234.6601	234.6601	0.0735	0.0000	236.4973
2023	0.0604	0.5799	0.6277	1.5200e-003	0.1242	0.0214	0.1456	0.0124	0.0197	0.0321	0.0000	133.8990	133.8990	0.0427	0.0000	134.9658
2024	0.0144	0.1379	0.1585	3.9000e-004	0.0622	4.7800e-003	0.0670	6.2100e-003	4.4000e-003	0.0106	0.0000	34.3350	34.3350	0.0108	0.0000	34.6046
2025	8.9100e-003	0.0789	0.1065	2.6000e-004	0.0421	2.6900e-003	0.0448	4.2100e-003	2.4800e-003	6.6800e-003	0.0000	23.2323	23.2323	7.2900e-003	0.0000	23.4147
Maximum	**0.1591**	**1.7908**	**1.2246**	**2.6500e-003**	**1.3642**	**0.0731**	**1.4373**	**0.3148**	**0.0673**	**0.3821**	**0.0000**	**234.6601**	**234.6601**	**0.0735**	**0.0000**	**236.4973**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1591	1.7908	1.2246	2.6500e-003	0.5640	0.0731	0.6371	0.1259	0.0673	0.1932	0.0000	234.6598	234.6598	0.0735	0.0000	236.4970
2023	0.0604	0.5799	0.6277	1.5200e-003	0.0533	0.0214	0.0747	5.3200e-003	0.0197	0.0250	0.0000	133.8988	133.8988	0.0427	0.0000	134.9657
2024	0.0144	0.1379	0.1585	3.9000e-004	0.0267	4.7800e-003	0.0315	2.6600e-003	4.4000e-003	7.0600e-003	0.0000	34.3350	34.3350	0.0108	0.0000	34.6046
2025	8.9100e-003	0.0789	0.1065	2.6000e-004	0.0181	2.6900e-003	0.0208	1.8000e-003	2.4800e-003	4.2800e-003	0.0000	23.2323	23.2323	7.2900e-003	0.0000	23.4146
Maximum	**0.1591**	**1.7908**	**1.2246**	**2.6500e-003**	**0.5640**	**0.0731**	**0.6371**	**0.1259**	**0.0673**	**0.1932**	**0.0000**	**234.6598**	**234.6598**	**0.0735**	**0.0000**	**236.4970**

	ROG	**NOx**	**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**	**58.44**	**0.00**	**54.92**	**59.80**	**0.00**	**46.79**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2022	11-30-2022	1.4414	1.4414
2	12-1-2022	2-28-2023	0.5110	0.5110
4	6-1-2023	8-31-2023	0.0575	0.0575
5	9-1-2023	11-30-2023	0.0555	0.0555
7	3-1-2024	5-31-2024	0.0518	0.0518
8	6-1-2024	8-31-2024	0.0519	0.0519
9	9-1-2024	11-30-2024	0.0501	0.0501
11	3-1-2025	5-31-2025	0.0441	0.0441
12	6-1-2025	8-31-2025	0.0442	0.0442
		Highest	1.4414	1.4414

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4300e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4300e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4300e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4300e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

	ROG	**NOx**	**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	9/1/2022	9/30/2022	5	22	
2	Grading	Grading	10/1/2022	12/31/2022	5	65	
3	Interact Utilities	Site Preparation	1/1/2023	6/30/2023	5	130	
4	Slope Landscaping	Site Preparation	2/1/2023	6/1/2023	5	87	
5	Interact Paving -1	Paving	7/1/2023	7/31/2023	5	21	
6	Interact Paving -2	Paving	11/1/2023	11/30/2023	5	22	
7	Interact Paving -3	Paving	3/1/2024	3/31/2024	5	21	
8	Interact Paving -4	Paving	7/1/2024	7/31/2024	5	23	
9	Interact Paving -5	Paving	11/1/2024	11/30/2024	5	21	
10	Interact Paving -6	Paving	3/1/2025	3/31/2025	5	21	
11	Interact Paving -7	Paving	7/1/2025	7/31/2025	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 272.5

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
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
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 Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -1	Excavators	1	8.00	158	0.38
Interact Paving -1	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -2	Excavators	1	8.00	158	0.38
Interact Paving -2	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -3	Excavators	1	8.00	158	0.38
Interact Paving -3	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -4	Excavators	1	8.00	158	0.38
Interact Paving -4	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -5	Excavators	1	8.00	158	0.38
Interact Paving -5	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -6	Excavators	1	8.00	158	0.38
Interact Paving -6	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -7	Excavators	1	8.00	158	0.38
Interact Paving -7	Rubber Tired Loaders	1	8.00	203	0.36

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	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	4.00	2,417.00	10.80	0.15	0.50	LD_Mix	HDT_Mix	HHDT
Interact Utilities	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -1	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	2	0.00	10.00	0.00	10.80	0.15	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 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1987	0.0000	0.1987	0.1092	0.0000	0.1092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.4059	0.2609	4.9000e-004		0.0199	0.0199		0.0183	0.0183	0.0000	42.7541	42.7541	0.0138	0.0000	43.0998
Total	**0.0390**	**0.4059**	**0.2609**	**4.9000e-004**	**0.1987**	**0.0199**	**0.2187**	**0.1092**	**0.0183**	**0.1276**	**0.0000**	**42.7541**	**42.7541**	**0.0138**	**0.0000**	**43.0998**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	2.5700e-003	6.0000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2458	0.2458	4.0000e-005	0.0000	0.2468
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**2.5700e-003**	**6.0000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2458**	**0.2458**	**4.0000e-005**	**0.0000**	**0.2468**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0775	0.0000	0.0775	0.0426	0.0000	0.0426	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.4059	0.2609	4.9000e-004		0.0199	0.0199		0.0183	0.0183	0.0000	42.7541	42.7541	0.0138	0.0000	43.0997
Total	**0.0390**	**0.4059**	**0.2609**	**4.9000e-004**	**0.0775**	**0.0199**	**0.0974**	**0.0426**	**0.0183**	**0.0609**	**0.0000**	**42.7541**	**42.7541**	**0.0138**	**0.0000**	**43.0997**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	2.5700e-003	6.0000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2458	0.2458	4.0000e-005	0.0000	0.2468
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**2.5700e-003**	**6.0000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2458**	**0.2458**	**4.0000e-005**	**0.0000**	**0.2468**

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	tons/yr										MT/yr					
Fugitive Dust					0.3402	0.0000	0.3402	0.1232	0.0000	0.1232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1178	1.2624	0.9439	2.0200e-003		0.0531	0.0531		0.0489	0.0489	0.0000	177.2375	177.2375	0.0573	0.0000	178.6705
Total	**0.1178**	**1.2624**	**0.9439**	**2.0200e-003**	**0.3402**	**0.0531**	**0.3933**	**0.1232**	**0.0489**	**0.1721**	**0.0000**	**177.2375**	**177.2375**	**0.0573**	**0.0000**	**178.6705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0900e-003	0.1123	0.0174	1.4000e-004	0.7920	7.0000e-005	0.7920	0.0791	7.0000e-005	0.0791	0.0000	13.6965	13.6965	2.1800e-003	0.0000	13.7509
Vendor	1.7000e-004	7.6000e-003	1.7800e-003	1.0000e-005	0.0249	0.0000	0.0249	2.4900e-003	0.0000	2.4900e-003	0.0000	0.7263	0.7263	1.2000e-004	0.0000	0.7293
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2600e-003**	**0.1199**	**0.0192**	**1.5000e-004**	**0.8168**	**7.0000e-005**	**0.8169**	**0.0816**	**7.0000e-005**	**0.0816**	**0.0000**	**14.4227**	**14.4227**	**2.3000e-003**	**0.0000**	**14.4802**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1327	0.0000	0.1327	0.0480	0.0000	0.0480	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1178	1.2624	0.9439	2.0200e-003		0.0531	0.0531		0.0489	0.0489	0.0000	177.2372	177.2372	0.0573	0.0000	178.6703
Total	**0.1178**	**1.2624**	**0.9439**	**2.0200e-003**	**0.1327**	**0.0531**	**0.1858**	**0.0480**	**0.0489**	**0.0969**	**0.0000**	**177.2372**	**177.2372**	**0.0573**	**0.0000**	**178.6703**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0900e-003	0.1123	0.0174	1.4000e-004	0.3395	7.0000e-005	0.3396	0.0339	7.0000e-005	0.0339	0.0000	13.6965	13.6965	2.1800e-003	0.0000	13.7509
Vendor	1.7000e-004	7.6000e-003	1.7800e-003	1.0000e-005	0.0107	0.0000	0.0107	1.0700e-003	0.0000	1.0700e-003	0.0000	0.7263	0.7263	1.2000e-004	0.0000	0.7293
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2600e-003**	**0.1199**	**0.0192**	**1.5000e-004**	**0.3502**	**7.0000e-005**	**0.3502**	**0.0349**	**7.0000e-005**	**0.0350**	**0.0000**	**14.4227**	**14.4227**	**2.3000e-003**	**0.0000**	**14.4802**

3.4 Interact Utilities - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0299	0.2732	0.3099	7.4000e-004		0.0107	0.0107		9.8500e-003	9.8500e-003	0.0000	65.1979	65.1979	0.0211	0.0000	65.7250
Total	**0.0299**	**0.2732**	**0.3099**	**7.4000e-004**	**0.0000**	**0.0107**	**0.0107**	**0.0000**	**9.8500e-003**	**9.8500e-003**	**0.0000**	**65.1979**	**65.1979**	**0.0211**	**0.0000**	**65.7250**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7000e-004	0.0134	3.1900e-003	1.0000e-005	0.0498	0.0000	0.0498	4.9700e-003	0.0000	4.9700e-003	0.0000	1.4035	1.4035	2.0000e-004	0.0000	1.4085
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7000e-004**	**0.0134**	**3.1900e-003**	**1.0000e-005**	**0.0498**	**0.0000**	**0.0498**	**4.9700e-003**	**0.0000**	**4.9700e-003**	**0.0000**	**1.4035**	**1.4035**	**2.0000e-004**	**0.0000**	**1.4085**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0299	0.2732	0.3099	7.4000e-004		0.0107	0.0107		9.8500e-003	9.8500e-003	0.0000	65.1978	65.1978	0.0211	0.0000	65.7249
Total	**0.0299**	**0.2732**	**0.3099**	**7.4000e-004**	**0.0000**	**0.0107**	**0.0107**	**0.0000**	**9.8500e-003**	**9.8500e-003**	**0.0000**	**65.1978**	**65.1978**	**0.0211**	**0.0000**	**65.7249**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7000e-004	0.0134	3.1900e-003	1.0000e-005	0.0213	0.0000	0.0213	2.1300e-003	0.0000	2.1400e-003	0.0000	1.4035	1.4035	2.0000e-004	0.0000	1.4085
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7000e-004**	**0.0134**	**3.1900e-003**	**1.0000e-005**	**0.0213**	**0.0000**	**0.0213**	**2.1300e-003**	**0.0000**	**2.1400e-003**	**0.0000**	**1.4035**	**1.4035**	**2.0000e-004**	**0.0000**	**1.4085**

3.5 Slope 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0200	0.1828	0.2074	5.0000e-004		7.1600e-003	7.1600e-003		6.5900e-003	6.5900e-003	0.0000	43.6324	43.6324	0.0141	0.0000	43.9852
Total	**0.0200**	**0.1828**	**0.2074**	**5.0000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**6.5900e-003**	**6.5900e-003**	**0.0000**	**43.6324**	**43.6324**	**0.0141**	**0.0000**	**43.9852**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	8.9800e-003	2.1300e-003	1.0000e-005	0.0333	0.0000	0.0333	3.3300e-003	0.0000	3.3300e-003	0.0000	0.9392	0.9392	1.3000e-004	0.0000	0.9426
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.8000e-004**	**8.9800e-003**	**2.1300e-003**	**1.0000e-005**	**0.0333**	**0.0000**	**0.0333**	**3.3300e-003**	**0.0000**	**3.3300e-003**	**0.0000**	**0.9392**	**0.9392**	**1.3000e-004**	**0.0000**	**0.9426**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0200	0.1828	0.2074	5.0000e-004		7.1600e-003	7.1600e-003		6.5900e-003	6.5900e-003	0.0000	43.6324	43.6324	0.0141	0.0000	43.9852
Total	**0.0200**	**0.1828**	**0.2074**	**5.0000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**6.5900e-003**	**6.5900e-003**	**0.0000**	**43.6324**	**43.6324**	**0.0141**	**0.0000**	**43.9852**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	8.9800e-003	2.1300e-003	1.0000e-005	0.0143	0.0000	0.0143	1.4300e-003	0.0000	1.4300e-003	0.0000	0.9392	0.9392	1.3000e-004	0.0000	0.9426
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.8000e-004**	**8.9800e-003**	**2.1300e-003**	**1.0000e-005**	**0.0143**	**0.0000**	**0.0143**	**1.4300e-003**	**0.0000**	**1.4300e-003**	**0.0000**	**0.9392**	**0.9392**	**1.3000e-004**	**0.0000**	**0.9426**

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	tons/yr										MT/yr					
Off-Road	4.8200e-003	0.0441	0.0501	1.2000e-004		1.7300e-003	1.7300e-003		1.5900e-003	1.5900e-003	0.0000	10.5320	10.5320	3.4100e-003	0.0000	10.6171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8200e-003**	**0.0441**	**0.0501**	**1.2000e-004**		**1.7300e-003**	**1.7300e-003**		**1.5900e-003**	**1.5900e-003**	**0.0000**	**10.5320**	**10.5320**	**3.4100e-003**	**0.0000**	**10.6171**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.4200e-003	1.2900e-003	1.0000e-005	0.0201	0.0000	0.0201	2.0100e-003	0.0000	2.0100e-003	0.0000	0.5668	0.5668	8.0000e-005	0.0000	0.5688
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.4200e-003**	**1.2900e-003**	**1.0000e-005**	**0.0201**	**0.0000**	**0.0201**	**2.0100e-003**	**0.0000**	**2.0100e-003**	**0.0000**	**0.5668**	**0.5668**	**8.0000e-005**	**0.0000**	**0.5688**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8200e-003	0.0441	0.0501	1.2000e-004		1.7300e-003	1.7300e-003		1.5900e-003	1.5900e-003	0.0000	10.5320	10.5320	3.4100e-003	0.0000	10.6171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8200e-003**	**0.0441**	**0.0501**	**1.2000e-004**		**1.7300e-003**	**1.7300e-003**		**1.5900e-003**	**1.5900e-003**	**0.0000**	**10.5320**	**10.5320**	**3.4100e-003**	**0.0000**	**10.6171**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.4200e-003	1.2900e-003	1.0000e-005	8.6200e-003	0.0000	8.6200e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.5668	0.5668	8.0000e-005	0.0000	0.5688
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.4200e-003**	**1.2900e-003**	**1.0000e-005**	**8.6200e-003**	**0.0000**	**8.6200e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.5668**	**0.5668**	**8.0000e-005**	**0.0000**	**0.5688**

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	tons/yr										MT/yr					
Off-Road	5.0500e-003	0.0462	0.0524	1.3000e-004		1.8100e-003	1.8100e-003		1.6700e-003	1.6700e-003	0.0000	11.0335	11.0335	3.5700e-003	0.0000	11.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.0500e-003**	**0.0462**	**0.0524**	**1.3000e-004**		**1.8100e-003**	**1.8100e-003**		**1.6700e-003**	**1.6700e-003**	**0.0000**	**11.0335**	**11.0335**	**3.5700e-003**	**0.0000**	**11.1227**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.6800e-003	1.3500e-003	1.0000e-005	0.0211	0.0000	0.0211	2.1000e-003	0.0000	2.1000e-003	0.0000	0.5938	0.5938	8.0000e-005	0.0000	0.5959
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.6800e-003**	**1.3500e-003**	**1.0000e-005**	**0.0211**	**0.0000**	**0.0211**	**2.1000e-003**	**0.0000**	**2.1000e-003**	**0.0000**	**0.5938**	**0.5938**	**8.0000e-005**	**0.0000**	**0.5959**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.0500e-003	0.0462	0.0524	1.3000e-004		1.8100e-003	1.8100e-003		1.6700e-003	1.6700e-003	0.0000	11.0335	11.0335	3.5700e-003	0.0000	11.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.0500e-003**	**0.0462**	**0.0524**	**1.3000e-004**		**1.8100e-003**	**1.8100e-003**		**1.6700e-003**	**1.6700e-003**	**0.0000**	**11.0335**	**11.0335**	**3.5700e-003**	**0.0000**	**11.1227**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.6800e-003	1.3500e-003	1.0000e-005	9.0300e-003	0.0000	9.0300e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.5938	0.5938	8.0000e-005	0.0000	0.5959
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.6800e-003**	**1.3500e-003**	**1.0000e-005**	**9.0300e-003**	**0.0000**	**9.0300e-003**	**9.0000e-004**	**0.0000**	**9.0000e-004**	**0.0000**	**0.5938**	**0.5938**	**8.0000e-005**	**0.0000**	**0.5959**

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	tons/yr										MT/yr					
Off-Road	4.5600e-003	0.0392	0.0500	1.2000e-004		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	10.5330	10.5330	3.4100e-003	0.0000	10.6182
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.0392**	**0.0500**	**1.2000e-004**		**1.5400e-003**	**1.5400e-003**		**1.4200e-003**	**1.4200e-003**	**0.0000**	**10.5330**	**10.5330**	**3.4100e-003**	**0.0000**	**10.6182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3700e-003	1.2100e-003	1.0000e-005	0.0201	0.0000	0.0201	2.0100e-003	0.0000	2.0100e-003	0.0000	0.5598	0.5598	8.0000e-005	0.0000	0.5618
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3700e-003**	**1.2100e-003**	**1.0000e-005**	**0.0201**	**0.0000**	**0.0201**	**2.0100e-003**	**0.0000**	**2.0100e-003**	**0.0000**	**0.5598**	**0.5598**	**8.0000e-005**	**0.0000**	**0.5618**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.5600e-003	0.0392	0.0500	1.2000e-004		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	10.5330	10.5330	3.4100e-003	0.0000	10.6182
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.0392**	**0.0500**	**1.2000e-004**		**1.5400e-003**	**1.5400e-003**		**1.4200e-003**	**1.4200e-003**	**0.0000**	**10.5330**	**10.5330**	**3.4100e-003**	**0.0000**	**10.6182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3700e-003	1.2100e-003	1.0000e-005	8.6200e-003	0.0000	8.6200e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.5598	0.5598	8.0000e-005	0.0000	0.5618
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3700e-003**	**1.2100e-003**	**1.0000e-005**	**8.6200e-003**	**0.0000**	**8.6200e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.5598**	**0.5598**	**8.0000e-005**	**0.0000**	**0.5618**

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	tons/yr										MT/yr					
Off-Road	4.9900e-003	0.0429	0.0548	1.3000e-004		1.6900e-003	1.6900e-003		1.5600e-003	1.5600e-003	0.0000	11.5362	11.5362	3.7300e-003	0.0000	11.6295
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.9900e-003**	**0.0429**	**0.0548**	**1.3000e-004**		**1.6900e-003**	**1.6900e-003**		**1.5600e-003**	**1.5600e-003**	**0.0000**	**11.5362**	**11.5362**	**3.7300e-003**	**0.0000**	**11.6295**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8800e-003	1.3300e-003	1.0000e-005	0.0220	0.0000	0.0220	2.2000e-003	0.0000	2.2000e-003	0.0000	0.6131	0.6131	8.0000e-005	0.0000	0.6153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.8800e-003**	**1.3300e-003**	**1.0000e-005**	**0.0220**	**0.0000**	**0.0220**	**2.2000e-003**	**0.0000**	**2.2000e-003**	**0.0000**	**0.6131**	**0.6131**	**8.0000e-005**	**0.0000**	**0.6153**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9900e-003	0.0429	0.0548	1.3000e-004		1.6900e-003	1.6900e-003		1.5600e-003	1.5600e-003	0.0000	11.5362	11.5362	3.7300e-003	0.0000	11.6294
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.9900e-003**	**0.0429**	**0.0548**	**1.3000e-004**		**1.6900e-003**	**1.6900e-003**		**1.5600e-003**	**1.5600e-003**	**0.0000**	**11.5362**	**11.5362**	**3.7300e-003**	**0.0000**	**11.6294**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8800e-003	1.3300e-003	1.0000e-005	9.4400e-003	0.0000	9.4400e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.6131	0.6131	8.0000e-005	0.0000	0.6153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.8800e-003**	**1.3300e-003**	**1.0000e-005**	**9.4400e-003**	**0.0000**	**9.4400e-003**	**9.4000e-004**	**0.0000**	**9.4000e-004**	**0.0000**	**0.6131**	**0.6131**	**8.0000e-005**	**0.0000**	**0.6153**

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	tons/yr										MT/yr					
Off-Road	4.5600e-003	0.0392	0.0500	1.2000e-004		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	10.5330	10.5330	3.4100e-003	0.0000	10.6182
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.0392**	**0.0500**	**1.2000e-004**		**1.5400e-003**	**1.5400e-003**		**1.4200e-003**	**1.4200e-003**	**0.0000**	**10.5330**	**10.5330**	**3.4100e-003**	**0.0000**	**10.6182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3700e-003	1.2100e-003	1.0000e-005	0.0201	0.0000	0.0201	2.0100e-003	0.0000	2.0100e-003	0.0000	0.5598	0.5598	8.0000e-005	0.0000	0.5618
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3700e-003**	**1.2100e-003**	**1.0000e-005**	**0.0201**	**0.0000**	**0.0201**	**2.0100e-003**	**0.0000**	**2.0100e-003**	**0.0000**	**0.5598**	**0.5598**	**8.0000e-005**	**0.0000**	**0.5618**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.5600e-003	0.0392	0.0500	1.2000e-004		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	10.5330	10.5330	3.4100e-003	0.0000	10.6182
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.0392**	**0.0500**	**1.2000e-004**		**1.5400e-003**	**1.5400e-003**		**1.4200e-003**	**1.4200e-003**	**0.0000**	**10.5330**	**10.5330**	**3.4100e-003**	**0.0000**	**10.6182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3700e-003	1.2100e-003	1.0000e-005	8.6200e-003	0.0000	8.6200e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.5598	0.5598	8.0000e-005	0.0000	0.5618
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3700e-003**	**1.2100e-003**	**1.0000e-005**	**8.6200e-003**	**0.0000**	**8.6200e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.5598**	**0.5598**	**8.0000e-005**	**0.0000**	**0.5618**

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	tons/yr										MT/yr					
Off-Road	4.1500e-003	0.0323	0.0497	1.2000e-004		1.2800e-003	1.2800e-003		1.1800e-003	1.1800e-003	0.0000	10.5348	10.5348	3.4100e-003	0.0000	10.6199
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.1500e-003**	**0.0323**	**0.0497**	**1.2000e-004**		**1.2800e-003**	**1.2800e-003**		**1.1800e-003**	**1.1800e-003**	**0.0000**	**10.5348**	**10.5348**	**3.4100e-003**	**0.0000**	**10.6199**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3300e-003	1.1600e-003	1.0000e-005	0.0201	0.0000	0.0201	2.0100e-003	0.0000	2.0100e-003	0.0000	0.5534	0.5534	7.0000e-005	0.0000	0.5553
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3300e-003**	**1.1600e-003**	**1.0000e-005**	**0.0201**	**0.0000**	**0.0201**	**2.0100e-003**	**0.0000**	**2.0100e-003**	**0.0000**	**0.5534**	**0.5534**	**7.0000e-005**	**0.0000**	**0.5553**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.1500e-003	0.0323	0.0497	1.2000e-004		1.2800e-003	1.2800e-003		1.1800e-003	1.1800e-003	0.0000	10.5347	10.5347	3.4100e-003	0.0000	10.6199
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.1500e-003**	**0.0323**	**0.0497**	**1.2000e-004**		**1.2800e-003**	**1.2800e-003**		**1.1800e-003**	**1.1800e-003**	**0.0000**	**10.5347**	**10.5347**	**3.4100e-003**	**0.0000**	**10.6199**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3300e-003	1.1600e-003	1.0000e-005	8.6200e-003	0.0000	8.6200e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.5534	0.5534	7.0000e-005	0.0000	0.5553
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3300e-003**	**1.1600e-003**	**1.0000e-005**	**8.6200e-003**	**0.0000**	**8.6200e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.5534**	**0.5534**	**7.0000e-005**	**0.0000**	**0.5553**

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	tons/yr										MT/yr					
Off-Road	4.5500e-003	0.0354	0.0544	1.3000e-004		1.4100e-003	1.4100e-003		1.2900e-003	1.2900e-003	0.0000	11.5381	11.5381	3.7300e-003	0.0000	11.6314
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5500e-003**	**0.0354**	**0.0544**	**1.3000e-004**		**1.4100e-003**	**1.4100e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**11.5381**	**11.5381**	**3.7300e-003**	**0.0000**	**11.6314**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8300e-003	1.2700e-003	1.0000e-005	0.0220	0.0000	0.0220	2.2000e-003	0.0000	2.2000e-003	0.0000	0.6061	0.6061	8.0000e-005	0.0000	0.6081
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.8300e-003**	**1.2700e-003**	**1.0000e-005**	**0.0220**	**0.0000**	**0.0220**	**2.2000e-003**	**0.0000**	**2.2000e-003**	**0.0000**	**0.6061**	**0.6061**	**8.0000e-005**	**0.0000**	**0.6081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.5500e-003	0.0354	0.0544	1.3000e-004		1.4100e-003	1.4100e-003		1.2900e-003	1.2900e-003	0.0000	11.5381	11.5381	3.7300e-003	0.0000	11.6313
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5500e-003**	**0.0354**	**0.0544**	**1.3000e-004**		**1.4100e-003**	**1.4100e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**11.5381**	**11.5381**	**3.7300e-003**	**0.0000**	**11.6313**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8300e-003	1.2700e-003	1.0000e-005	9.4400e-003	0.0000	9.4400e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.6061	0.6061	8.0000e-005	0.0000	0.6081
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.8300e-003**	**1.2700e-003**	**1.0000e-005**	**9.4400e-003**	**0.0000**	**9.4400e-003**	**9.4000e-004**	**0.0000**	**9.4000e-004**	**0.0000**	**0.6061**	**0.6061**	**8.0000e-005**	**0.0000**	**0.6081**

CalEEMod Version: CalEEMod.2016.3.1 Date: 10/6/2017 8:05 AM

South Village Non-Residential -LEA

San Diego County, Annual

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
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	0.00	10.50
tblGrading	AcresOfGrading	1.00	0.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,920.00
tblLandUse	LandUseSquareFeet	0.00	1,920.00
tblLandUse	LotAcreage	0.00	0.80
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	PhaseName		Park 1- Landscaping
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tblOffRoadEquipment	PhaseName		Swim Club South - Landscaping
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tblOnRoadDust	VendorPercentPave	100.00	0.00

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tblOnRoadDust	WorkerPercentPave	100.00	0.00
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tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.0579	0.2483	0.3377	5.2000e-004	0.0712	9.2600e-003	0.0805	7.2900e-003	8.7400e-003	0.0160	0.0000	43.9846	43.9846	0.0110	0.0000	44.2599
2026	0.0530	0.1996	0.2750	4.2000e-004	0.0573	7.3300e-003	0.0646	6.2800e-003	6.9500e-003	0.0132	0.0000	35.3089	35.3089	8.2300e-003	0.0000	35.5148
Maximum	**0.0579**	**0.2483**	**0.3377**	**5.2000e-004**	**0.0712**	**9.2600e-003**	**0.0805**	**7.2900e-003**	**8.7400e-003**	**0.0160**	**0.0000**	**43.9846**	**43.9846**	**0.0110**	**0.0000**	**44.2599**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.0579	0.2483	0.3377	5.2000e-004	0.0305	9.2600e-003	0.0398	3.1100e-003	8.7400e-003	0.0119	0.0000	43.9846	43.9846	0.0110	0.0000	44.2599
2026	0.0530	0.1996	0.2750	4.2000e-004	0.0243	7.3300e-003	0.0316	2.6400e-003	6.9500e-003	9.5900e-003	0.0000	35.3089	35.3089	8.2300e-003	0.0000	35.5147
Maximum	**0.0579**	**0.2483**	**0.3377**	**5.2000e-004**	**0.0305**	**9.2600e-003**	**0.0398**	**3.1100e-003**	**8.7400e-003**	**0.0119**	**0.0000**	**43.9846**	**43.9846**	**0.0110**	**0.0000**	**44.2599**

	ROG	**NOx**	**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**	**57.35**	**0.00**	**50.79**	**57.63**	**0.00**	**26.68**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
14	**1-1-2025**	**3-31-2025**	0.1814	0.1814
15	**4-1-2025**	**6-30-2025**	0.1087	0.1087
18	**1-1-2026**	**3-31-2026**	0.1331	0.1331
19	**4-1-2026**	**6-30-2026**	0.0960	0.0960
		Highest	0.1814	0.1814

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0660	1.3100e-003	0.0849	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4453	1.4783	9.6000e-004	8.0000e-005	1.5266
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0660**	**1.3100e-003**	**0.0849**	**1.4000e-004**	**0.0000**	**0.0109**	**0.0109**	**0.0000**	**0.0109**	**0.0109**	**1.0330**	**0.4453**	**1.4783**	**9.6000e-004**	**8.0000e-005**	**1.5266**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0660	1.3100e-003	0.0849	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4453	1.4783	9.6000e-004	8.0000e-005	1.5266
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0660**	**1.3100e-003**	**0.0849**	**1.4000e-004**	**0.0000**	**0.0109**	**0.0109**	**0.0000**	**0.0109**	**0.0109**	**1.0330**	**0.4453**	**1.4783**	**9.6000e-004**	**8.0000e-005**	**1.5266**

	ROG	**NOx**	**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	Cranes	0	0.00	231	0.29
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	Cranes	0	0.00	231	0.29
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	Graders	0	0.00	187	0.41
Swim Club South - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club South - Landscaping	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Swim Club South - Architectural Coating	Air Compressors	1	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
Park 1- Site Preparation	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Grading	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Building Construction	3	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1 - Architectural Coating	1	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Landscaping	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Paving	7	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Site Prep	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Grading	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Building Construction	3	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Landscaping	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Architectural Coating	1	0.00	4.00	0.00	10.80	0.15	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	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	**4.4000e-004**	**4.7900e-003**	**3.8200e-003**	**1.0000e-005**	**2.7000e-004**	**1.7000e-004**	**4.4000e-004**	**3.0000e-005**	**1.5000e-004**	**1.8000e-004**	**0.0000**	**0.8548**	**0.8548**	**2.8000e-004**	**0.0000**	**0.8618**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	2.0000e-004	4.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0211	0.0211	0.0000	0.0000	0.0212
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**2.0000e-004**	**4.0000e-005**	**0.0000**	**7.9000e-004**	**0.0000**	**7.9000e-004**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.0211**	**0.0211**	**0.0000**	**0.0000**	**0.0212**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	**4.4000e-004**	**4.7900e-003**	**3.8200e-003**	**1.0000e-005**	**1.0000e-004**	**1.7000e-004**	**2.7000e-004**	**1.0000e-005**	**1.5000e-004**	**1.6000e-004**	**0.0000**	**0.8548**	**0.8548**	**2.8000e-004**	**0.0000**	**0.8618**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	2.0000e-004	4.0000e-005	0.0000	3.4000e-004	0.0000	3.4000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0211	0.0211	0.0000	0.0000	0.0212
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**2.0000e-004**	**4.0000e-005**	**0.0000**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0211**	**0.0211**	**0.0000**	**0.0000**	**0.0212**

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	tons/yr										MT/yr					
Fugitive Dust					3.8000e-004	0.0000	3.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	2.5500e-003	3.6800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	0.5212	0.5212	9.0000e-005	0.0000	0.5236
Total	**2.9000e-004**	**2.5500e-003**	**3.6800e-003**	**1.0000e-005**	**3.8000e-004**	**1.1000e-004**	**4.9000e-004**	**2.1000e-004**	**1.0000e-004**	**3.1000e-004**	**0.0000**	**0.5212**	**0.5212**	**9.0000e-005**	**0.0000**	**0.5236**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	3.9000e-004	0.0000	3.9000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0106	0.0106	0.0000	0.0000	0.0106
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**3.9000e-004**	**0.0000**	**3.9000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.0106**	**0.0106**	**0.0000**	**0.0000**	**0.0106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5000e-004	0.0000	1.5000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	2.5500e-003	3.6800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	0.5212	0.5212	9.0000e-005	0.0000	0.5236
Total	**2.9000e-004**	**2.5500e-003**	**3.6800e-003**	**1.0000e-005**	**1.5000e-004**	**1.1000e-004**	**2.6000e-004**	**8.0000e-005**	**1.0000e-004**	**1.8000e-004**	**0.0000**	**0.5212**	**0.5212**	**9.0000e-005**	**0.0000**	**0.5236**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.7000e-004	0.0000	1.7000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0106	0.0106	0.0000	0.0000	0.0106
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0106**	**0.0106**	**0.0000**	**0.0000**	**0.0106**

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	tons/yr										MT/yr					
Off-Road	0.0178	0.1416	0.2031	2.9000e-004		5.6200e-003	5.6200e-003		5.3000e-003	5.3000e-003	0.0000	24.1596	24.1596	6.0700e-003	0.0000	24.3114
Total	**0.0178**	**0.1416**	**0.2031**	**2.9000e-004**		**5.6200e-003**	**5.6200e-003**		**5.3000e-003**	**5.3000e-003**	**0.0000**	**24.1596**	**24.1596**	**6.0700e-003**	**0.0000**	**24.3114**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	8.2200e-003	1.8000e-003	1.0000e-005	0.0319	0.0000	0.0319	3.1800e-003	0.0000	3.1800e-003	0.0000	0.8556	0.8556	1.1000e-004	0.0000	0.8585
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5000e-004**	**8.2200e-003**	**1.8000e-003**	**1.0000e-005**	**0.0319**	**0.0000**	**0.0319**	**3.1800e-003**	**0.0000**	**3.1800e-003**	**0.0000**	**0.8556**	**0.8556**	**1.1000e-004**	**0.0000**	**0.8585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0178	0.1416	0.2031	2.9000e-004		5.6200e-003	5.6200e-003		5.3000e-003	5.3000e-003	0.0000	24.1595	24.1595	6.0700e-003	0.0000	24.3114
Total	**0.0178**	**0.1416**	**0.2031**	**2.9000e-004**		**5.6200e-003**	**5.6200e-003**		**5.3000e-003**	**5.3000e-003**	**0.0000**	**24.1595**	**24.1595**	**6.0700e-003**	**0.0000**	**24.3114**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	8.2200e-003	1.8000e-003	1.0000e-005	0.0137	0.0000	0.0137	1.3600e-003	0.0000	1.3700e-003	0.0000	0.8556	0.8556	1.1000e-004	0.0000	0.8585
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5000e-004**	**8.2200e-003**	**1.8000e-003**	**1.0000e-005**	**0.0137**	**0.0000**	**0.0137**	**1.3600e-003**	**0.0000**	**1.3700e-003**	**0.0000**	**0.8556**	**0.8556**	**1.1000e-004**	**0.0000**	**0.8585**

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	tons/yr										MT/yr					
Archit. Coating	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7900e-003	0.0120	0.0190	3.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	2.6809	2.6809	1.5000e-004	0.0000	2.6846
Total	**0.0318**	**0.0120**	**0.0190**	**3.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**2.6809**	**2.6809**	**1.5000e-004**	**0.0000**	**2.6846**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1300e-003	4.7000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2218	0.2218	3.0000e-005	0.0000	0.2226
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1300e-003**	**4.7000e-004**	**0.0000**	**8.2600e-003**	**0.0000**	**8.2600e-003**	**8.2000e-004**	**0.0000**	**8.3000e-004**	**0.0000**	**0.2218**	**0.2218**	**3.0000e-005**	**0.0000**	**0.2226**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7900e-003	0.0120	0.0190	3.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	2.6809	2.6809	1.5000e-004	0.0000	2.6846
Total	**0.0318**	**0.0120**	**0.0190**	**3.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**2.6809**	**2.6809**	**1.5000e-004**	**0.0000**	**2.6846**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1300e-003	4.7000e-004	0.0000	3.5400e-003	0.0000	3.5400e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.2218	0.2218	3.0000e-005	0.0000	0.2226
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1300e-003**	**4.7000e-004**	**0.0000**	**3.5400e-003**	**0.0000**	**3.5400e-003**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**0.0000**	**0.2218**	**0.2218**	**3.0000e-005**	**0.0000**	**0.2226**

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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3000e-003	0.0174	0.0303	5.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	4.0011	4.0011	1.2900e-003	0.0000	4.0334
Total	**1.3000e-003**	**0.0174**	**0.0303**	**5.0000e-005**	**0.0000**	**5.3000e-004**	**5.3000e-004**	**0.0000**	**4.9000e-004**	**4.9000e-004**	**0.0000**	**4.0011**	**4.0011**	**1.2900e-003**	**0.0000**	**4.0334**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.2324	0.2324	3.0000e-005	0.0000	0.2332
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**8.6500e-003**	**0.0000**	**8.6500e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.2324**	**0.2324**	**3.0000e-005**	**0.0000**	**0.2332**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3000e-003	0.0174	0.0303	5.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	4.0011	4.0011	1.2900e-003	0.0000	4.0334
Total	**1.3000e-003**	**0.0174**	**0.0303**	**5.0000e-005**	**0.0000**	**5.3000e-004**	**5.3000e-004**	**0.0000**	**4.9000e-004**	**4.9000e-004**	**0.0000**	**4.0011**	**4.0011**	**1.2900e-003**	**0.0000**	**4.0334**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	3.7100e-003	0.0000	3.7100e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.2324	0.2324	3.0000e-005	0.0000	0.2332
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**3.7100e-003**	**0.0000**	**3.7100e-003**	**3.7000e-004**	**0.0000**	**3.7000e-004**	**0.0000**	**0.2324**	**0.2324**	**3.0000e-005**	**0.0000**	**0.2332**

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	tons/yr										MT/yr					
Off-Road	5.9200e-003	0.0517	0.0738	1.2000e-004		2.3000e-003	2.3000e-003		2.1500e-003	2.1500e-003	0.0000	9.8709	9.8709	2.8800e-003	0.0000	9.9428
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.9200e-003**	**0.0517**	**0.0738**	**1.2000e-004**		**2.3000e-003**	**2.3000e-003**		**2.1500e-003**	**2.1500e-003**	**0.0000**	**9.8709**	**9.8709**	**2.8800e-003**	**0.0000**	**9.9428**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3300e-003	1.1600e-003	1.0000e-005	0.0207	0.0000	0.0207	2.0600e-003	0.0000	2.0600e-003	0.0000	0.5546	0.5546	7.0000e-005	0.0000	0.5564
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3300e-003**	**1.1600e-003**	**1.0000e-005**	**0.0207**	**0.0000**	**0.0207**	**2.0600e-003**	**0.0000**	**2.0600e-003**	**0.0000**	**0.5546**	**0.5546**	**7.0000e-005**	**0.0000**	**0.5564**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.9200e-003	0.0517	0.0738	1.2000e-004		2.3000e-003	2.3000e-003		2.1500e-003	2.1500e-003	0.0000	9.8709	9.8709	2.8800e-003	0.0000	9.9428
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.9200e-003**	**0.0517**	**0.0738**	**1.2000e-004**		**2.3000e-003**	**2.3000e-003**		**2.1500e-003**	**2.1500e-003**	**0.0000**	**9.8709**	**9.8709**	**2.8800e-003**	**0.0000**	**9.9428**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3300e-003	1.1600e-003	1.0000e-005	8.8500e-003	0.0000	8.8500e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	0.5546	0.5546	7.0000e-005	0.0000	0.5564
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3300e-003**	**1.1600e-003**	**1.0000e-005**	**8.8500e-003**	**0.0000**	**8.8500e-003**	**8.8000e-004**	**0.0000**	**8.9000e-004**	**0.0000**	**0.5546**	**0.5546**	**7.0000e-005**	**0.0000**	**0.5564**

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	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	**4.4000e-004**	**4.7900e-003**	**3.8200e-003**	**1.0000e-005**	**2.7000e-004**	**1.7000e-004**	**4.4000e-004**	**3.0000e-005**	**1.5000e-004**	**1.8000e-004**	**0.0000**	**0.8548**	**0.8548**	**2.8000e-004**	**0.0000**	**0.8618**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	2.0000e-004	4.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0209	0.0209	0.0000	0.0000	0.0210
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**2.0000e-004**	**4.0000e-005**	**0.0000**	**7.9000e-004**	**0.0000**	**7.9000e-004**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.0209**	**0.0209**	**0.0000**	**0.0000**	**0.0210**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	**4.4000e-004**	**4.7900e-003**	**3.8200e-003**	**1.0000e-005**	**1.0000e-004**	**1.7000e-004**	**2.7000e-004**	**1.0000e-005**	**1.5000e-004**	**1.6000e-004**	**0.0000**	**0.8548**	**0.8548**	**2.8000e-004**	**0.0000**	**0.8618**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	2.0000e-004	4.0000e-005	0.0000	3.4000e-004	0.0000	3.4000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0209	0.0209	0.0000	0.0000	0.0210
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**2.0000e-004**	**4.0000e-005**	**0.0000**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0209**	**0.0209**	**0.0000**	**0.0000**	**0.0210**

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	tons/yr										MT/yr					
Fugitive Dust					1.1300e-003	0.0000	1.1300e-003	6.2000e-004	0.0000	6.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.6000e-004	7.6500e-003	0.0111	2.0000e-005		3.2000e-004	3.2000e-004		3.0000e-004	3.0000e-004	0.0000	1.5637	1.5637	2.8000e-004	0.0000	1.5707
Total	**8.6000e-004**	**7.6500e-003**	**0.0111**	**2.0000e-005**	**1.1300e-003**	**3.2000e-004**	**1.4500e-003**	**6.2000e-004**	**3.0000e-004**	**9.2000e-004**	**0.0000**	**1.5637**	**1.5637**	**2.8000e-004**	**0.0000**	**1.5707**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	6.0000e-005	0.0000	1.1800e-003	0.0000	1.1800e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0313	0.0313	0.0000	0.0000	0.0314
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-005**	**3.0000e-004**	**6.0000e-005**	**0.0000**	**1.1800e-003**	**0.0000**	**1.1800e-003**	**1.2000e-004**	**0.0000**	**1.2000e-004**	**0.0000**	**0.0313**	**0.0313**	**0.0000**	**0.0000**	**0.0314**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.4000e-004	0.0000	4.4000e-004	2.4000e-004	0.0000	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.6000e-004	7.6500e-003	0.0111	2.0000e-005		3.2000e-004	3.2000e-004		3.0000e-004	3.0000e-004	0.0000	1.5637	1.5637	2.8000e-004	0.0000	1.5707
Total	**8.6000e-004**	**7.6500e-003**	**0.0111**	**2.0000e-005**	**4.4000e-004**	**3.2000e-004**	**7.6000e-004**	**2.4000e-004**	**3.0000e-004**	**5.4000e-004**	**0.0000**	**1.5637**	**1.5637**	**2.8000e-004**	**0.0000**	**1.5707**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	6.0000e-005	0.0000	5.1000e-004	0.0000	5.1000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0313	0.0313	0.0000	0.0000	0.0314
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-005**	**3.0000e-004**	**6.0000e-005**	**0.0000**	**5.1000e-004**	**0.0000**	**5.1000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0313**	**0.0313**	**0.0000**	**0.0000**	**0.0314**

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	tons/yr										MT/yr					
Off-Road	0.0178	0.1416	0.2031	2.9000e-004		5.6200e-003	5.6200e-003		5.3000e-003	5.3000e-003	0.0000	24.1596	24.1596	6.0700e-003	0.0000	24.3114
Total	**0.0178**	**0.1416**	**0.2031**	**2.9000e-004**		**5.6200e-003**	**5.6200e-003**		**5.3000e-003**	**5.3000e-003**	**0.0000**	**24.1596**	**24.1596**	**6.0700e-003**	**0.0000**	**24.3114**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	8.1500e-003	1.7400e-003	1.0000e-005	0.0319	0.0000	0.0319	3.1800e-003	0.0000	3.1800e-003	0.0000	0.8461	0.8461	1.1000e-004	0.0000	0.8488
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5000e-004**	**8.1500e-003**	**1.7400e-003**	**1.0000e-005**	**0.0319**	**0.0000**	**0.0319**	**3.1800e-003**	**0.0000**	**3.1800e-003**	**0.0000**	**0.8461**	**0.8461**	**1.1000e-004**	**0.0000**	**0.8488**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0178	0.1416	0.2031	2.9000e-004		5.6200e-003	5.6200e-003		5.3000e-003	5.3000e-003	0.0000	24.1595	24.1595	6.0700e-003	0.0000	24.3114
Total	**0.0178**	**0.1416**	**0.2031**	**2.9000e-004**		**5.6200e-003**	**5.6200e-003**		**5.3000e-003**	**5.3000e-003**	**0.0000**	**24.1595**	**24.1595**	**6.0700e-003**	**0.0000**	**24.3114**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	8.1500e-003	1.7400e-003	1.0000e-005	0.0137	0.0000	0.0137	1.3600e-003	0.0000	1.3700e-003	0.0000	0.8461	0.8461	1.1000e-004	0.0000	0.8488
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5000e-004**	**8.1500e-003**	**1.7400e-003**	**1.0000e-005**	**0.0137**	**0.0000**	**0.0137**	**1.3600e-003**	**0.0000**	**1.3700e-003**	**0.0000**	**0.8461**	**0.8461**	**1.1000e-004**	**0.0000**	**0.8488**

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	tons/yr										MT/yr					
Fugitive Dust					5.5700e-003	0.0000	5.5700e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2500e-003	0.0166	0.0290	4.0000e-005		5.0000e-004	5.0000e-004		4.6000e-004	4.6000e-004	0.0000	3.8192	3.8192	1.2400e-003	0.0000	3.8501
Total	**1.2500e-003**	**0.0166**	**0.0290**	**4.0000e-005**	**5.5700e-003**	**5.0000e-004**	**6.0700e-003**	**6.0000e-004**	**4.6000e-004**	**1.0600e-003**	**0.0000**	**3.8192**	**3.8192**	**1.2400e-003**	**0.0000**	**3.8501**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1100e-003**	**4.5000e-004**	**0.0000**	**8.2600e-003**	**0.0000**	**8.2600e-003**	**8.2000e-004**	**0.0000**	**8.3000e-004**	**0.0000**	**0.2194**	**0.2194**	**3.0000e-005**	**0.0000**	**0.2201**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1700e-003	0.0000	2.1700e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2500e-003	0.0166	0.0290	4.0000e-005		5.0000e-004	5.0000e-004		4.6000e-004	4.6000e-004	0.0000	3.8192	3.8192	1.2400e-003	0.0000	3.8501
Total	**1.2500e-003**	**0.0166**	**0.0290**	**4.0000e-005**	**2.1700e-003**	**5.0000e-004**	**2.6700e-003**	**2.3000e-004**	**4.6000e-004**	**6.9000e-004**	**0.0000**	**3.8192**	**3.8192**	**1.2400e-003**	**0.0000**	**3.8501**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	3.5400e-003	0.0000	3.5400e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1100e-003**	**4.5000e-004**	**0.0000**	**3.5400e-003**	**0.0000**	**3.5400e-003**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**0.0000**	**0.2194**	**0.2194**	**3.0000e-005**	**0.0000**	**0.2201**

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	tons/yr										MT/yr					
Archit. Coating	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3900e-003	0.0160	0.0253	4.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	3.5746	3.5746	1.9000e-004	0.0000	3.5794
Total	**0.0324**	**0.0160**	**0.0253**	**4.0000e-005**		**7.2000e-004**	**7.2000e-004**		**7.2000e-004**	**7.2000e-004**	**0.0000**	**3.5746**	**3.5746**	**1.9000e-004**	**0.0000**	**3.5794**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1100e-003**	**4.5000e-004**	**0.0000**	**8.2600e-003**	**0.0000**	**8.2600e-003**	**8.2000e-004**	**0.0000**	**8.3000e-004**	**0.0000**	**0.2194**	**0.2194**	**3.0000e-005**	**0.0000**	**0.2201**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3900e-003	0.0160	0.0253	4.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	3.5746	3.5746	1.9000e-004	0.0000	3.5794
Total	**0.0324**	**0.0160**	**0.0253**	**4.0000e-005**		**7.2000e-004**	**7.2000e-004**		**7.2000e-004**	**7.2000e-004**	**0.0000**	**3.5746**	**3.5746**	**1.9000e-004**	**0.0000**	**3.5794**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	3.5400e-003	0.0000	3.5400e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1100e-003**	**4.5000e-004**	**0.0000**	**3.5400e-003**	**0.0000**	**3.5400e-003**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**0.0000**	**0.2194**	**0.2194**	**3.0000e-005**	**0.0000**	**0.2201**

CalEEMod Version: CalEEMod.2016.3.1 Date: 10/6/2017 8:17 AM

South Village Residential - LEA

San Diego County, Annual

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	86,338.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	74,347.00
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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	VendorTripNumber	0.00	4.00
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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	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
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tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.6324	0.4859	0.5248	9.2000e-004	0.0782	0.0214	0.0996	7.9000e-003	0.0203	0.0282	0.0000	79.4844	79.4844	0.0177	0.0000	79.9277
2024	1.7705	1.0113	1.2661	2.1200e-003	0.1927	0.0417	0.2343	0.0194	0.0396	0.0590	0.0000	184.6400	184.6400	0.0410	0.0000	185.6655
2025	1.3205	0.8140	1.1445	1.8900e-003	0.1609	0.0306	0.1915	0.0162	0.0291	0.0453	0.0000	163.9170	163.9170	0.0364	0.0000	164.8262
Maximum	**1.7705**	**1.0113**	**1.2661**	**2.1200e-003**	**0.1927**	**0.0417**	**0.2343**	**0.0194**	**0.0396**	**0.0590**	**0.0000**	**184.6400**	**184.6400**	**0.0410**	**0.0000**	**185.6655**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.6324	0.4859	0.5248	9.2000e-004	0.0331	0.0214	0.0545	3.3400e-003	0.0203	0.0236	0.0000	79.4843	79.4843	0.0177	0.0000	79.9276
2024	1.7705	1.0113	1.2661	2.1200e-003	0.0820	0.0417	0.1236	8.2400e-003	0.0396	0.0478	0.0000	184.6398	184.6398	0.0410	0.0000	185.6653
2025	1.3205	0.8140	1.1445	1.8900e-003	0.0686	0.0306	0.0991	6.8800e-003	0.0291	0.0360	0.0000	163.9168	163.9168	0.0364	0.0000	164.8260
Maximum	**1.7705**	**1.0113**	**1.2661**	**2.1200e-003**	**0.0820**	**0.0417**	**0.1236**	**8.2400e-003**	**0.0396**	**0.0478**	**0.0000**	**184.6398**	**184.6398**	**0.0410**	**0.0000**	**185.6653**

	ROG	**NOx**	**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**	**57.49**	**0.00**	**47.24**	**57.51**	**0.00**	**18.88**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	8-1-2023	10-31-2023	0.2210	0.2210
2	11-1-2023	1-31-2024	0.9350	0.9350
3	2-1-2024	4-30-2024	0.9214	0.9214
4	5-1-2024	7-31-2024	0.3967	0.3967
5	8-1-2024	10-31-2024	0.5410	0.5410
6	11-1-2024	1-31-2025	0.9260	0.9260
7	2-1-2025	4-30-2025	0.8967	0.8967
8	5-1-2025	7-31-2025	0.3584	0.3584
9	8-1-2025	9-30-2025	0.4539	0.4539
		Highest	0.9350	0.9350

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4200e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4200e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4200e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4200e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

	ROG	**NOx**	**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 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT

P5 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating (mo. 1)	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	4	0.00	2.00	0.00	10.80	0.15	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	tons/yr										MT/yr					
Fugitive Dust					6.1000e-003	0.0000	6.1000e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0136	0.1365	0.1116	2.2000e-004		6.3600e-003	6.3600e-003		5.9900e-003	5.9900e-003	0.0000	19.2179	19.2179	4.2900e-003	0.0000	19.3252
Total	**0.0136**	**0.1365**	**0.1116**	**2.2000e-004**	**6.1000e-003**	**6.3600e-003**	**0.0125**	**6.6000e-004**	**5.9900e-003**	**6.6500e-003**	**0.0000**	**19.2179**	**19.2179**	**4.2900e-003**	**0.0000**	**19.3252**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.3700e-003	5.6000e-004	0.0000	8.8000e-003	0.0000	8.8000e-003	8.8000e-004	0.0000	8.8000e-004	0.0000	0.2483	0.2483	4.0000e-005	0.0000	0.2492
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.0000e-005**	**2.3700e-003**	**5.6000e-004**	**0.0000**	**8.8000e-003**	**0.0000**	**8.8000e-003**	**8.8000e-004**	**0.0000**	**8.8000e-004**	**0.0000**	**0.2483**	**0.2483**	**4.0000e-005**	**0.0000**	**0.2492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3800e-003	0.0000	2.3800e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0136	0.1365	0.1116	2.2000e-004		6.3600e-003	6.3600e-003		5.9900e-003	5.9900e-003	0.0000	19.2178	19.2178	4.2900e-003	0.0000	19.3252
Total	**0.0136**	**0.1365**	**0.1116**	**2.2000e-004**	**2.3800e-003**	**6.3600e-003**	**8.7400e-003**	**2.6000e-004**	**5.9900e-003**	**6.2500e-003**	**0.0000**	**19.2178**	**19.2178**	**4.2900e-003**	**0.0000**	**19.3252**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.3700e-003	5.6000e-004	0.0000	3.7700e-003	0.0000	3.7800e-003	3.8000e-004	0.0000	3.8000e-004	0.0000	0.2483	0.2483	4.0000e-005	0.0000	0.2492
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.0000e-005**	**2.3700e-003**	**5.6000e-004**	**0.0000**	**3.7700e-003**	**0.0000**	**3.7800e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.2483**	**0.2483**	**4.0000e-005**	**0.0000**	**0.2492**

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	tons/yr										MT/yr					
Off-Road	8.3600e-003	0.0954	0.1469	2.1000e-004		3.9200e-003	3.9200e-003		3.6100e-003	3.6100e-003	0.0000	18.7332	18.7332	6.0600e-003	0.0000	18.8847
Total	**8.3600e-003**	**0.0954**	**0.1469**	**2.1000e-004**		**3.9200e-003**	**3.9200e-003**		**3.6100e-003**	**3.6100e-003**	**0.0000**	**18.7332**	**18.7332**	**6.0600e-003**	**0.0000**	**18.8847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.7100e-003	1.5900e-003	1.0000e-005	0.0249	0.0000	0.0249	2.4900e-003	0.0000	2.4900e-003	0.0000	0.7017	0.7017	1.0000e-004	0.0000	0.7042
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.7100e-003**	**1.5900e-003**	**1.0000e-005**	**0.0249**	**0.0000**	**0.0249**	**2.4900e-003**	**0.0000**	**2.4900e-003**	**0.0000**	**0.7017**	**0.7017**	**1.0000e-004**	**0.0000**	**0.7042**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.3600e-003	0.0954	0.1469	2.1000e-004		3.9200e-003	3.9200e-003		3.6100e-003	3.6100e-003	0.0000	18.7332	18.7332	6.0600e-003	0.0000	18.8847
Total	**8.3600e-003**	**0.0954**	**0.1469**	**2.1000e-004**		**3.9200e-003**	**3.9200e-003**		**3.6100e-003**	**3.6100e-003**	**0.0000**	**18.7332**	**18.7332**	**6.0600e-003**	**0.0000**	**18.8847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.7100e-003	1.5900e-003	1.0000e-005	0.0107	0.0000	0.0107	1.0700e-003	0.0000	1.0700e-003	0.0000	0.7017	0.7017	1.0000e-004	0.0000	0.7042
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.7100e-003**	**1.5900e-003**	**1.0000e-005**	**0.0107**	**0.0000**	**0.0107**	**1.0700e-003**	**0.0000**	**1.0700e-003**	**0.0000**	**0.7017**	**0.7017**	**1.0000e-004**	**0.0000**	**0.7042**

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	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6387	14.6387	8.8000e-004	0.0000	14.6606
Total	**0.5946**	**0.0747**	**0.1038**	**1.7000e-004**		**4.0600e-003**	**4.0600e-003**		**4.0600e-003**	**4.0600e-003**	**0.0000**	**14.6387**	**14.6387**	**8.8000e-004**	**0.0000**	**14.6606**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.4400e-003	1.0500e-003	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4642	0.4642	7.0000e-005	0.0000	0.4659
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**4.4400e-003**	**1.0500e-003**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4642**	**0.4642**	**7.0000e-005**	**0.0000**	**0.4659**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6386	14.6386	8.8000e-004	0.0000	14.6605
Total	**0.5946**	**0.0747**	**0.1038**	**1.7000e-004**		**4.0600e-003**	**4.0600e-003**		**4.0600e-003**	**4.0600e-003**	**0.0000**	**14.6386**	**14.6386**	**8.8000e-004**	**0.0000**	**14.6605**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.4400e-003	1.0500e-003	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4642	0.4642	7.0000e-005	0.0000	0.4659
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**4.4400e-003**	**1.0500e-003**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4642**	**0.4642**	**7.0000e-005**	**0.0000**	**0.4659**

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	tons/yr										MT/yr					
Fugitive Dust					5.8300e-003	0.0000	5.8300e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1247	0.1019	2.0000e-004		5.8100e-003	5.8100e-003		5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	**0.0124**	**0.1247**	**0.1019**	**2.0000e-004**	**5.8300e-003**	**5.8100e-003**	**0.0116**	**6.3000e-004**	**5.4700e-003**	**6.1000e-003**	**0.0000**	**17.5467**	**17.5467**	**3.9200e-003**	**0.0000**	**17.6448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1700e-003	5.1000e-004	0.0000	8.0400e-003	0.0000	8.0400e-003	8.0000e-004	0.0000	8.0000e-004	0.0000	0.2267	0.2267	3.0000e-005	0.0000	0.2275
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1700e-003**	**5.1000e-004**	**0.0000**	**8.0400e-003**	**0.0000**	**8.0400e-003**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**0.2267**	**0.2267**	**3.0000e-005**	**0.0000**	**0.2275**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1247	0.1019	2.0000e-004		5.8100e-003	5.8100e-003		5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	**0.0124**	**0.1247**	**0.1019**	**2.0000e-004**	**2.2700e-003**	**5.8100e-003**	**8.0800e-003**	**2.5000e-004**	**5.4700e-003**	**5.7200e-003**	**0.0000**	**17.5467**	**17.5467**	**3.9200e-003**	**0.0000**	**17.6448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1700e-003	5.1000e-004	0.0000	3.4500e-003	0.0000	3.4500e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.2267	0.2267	3.0000e-005	0.0000	0.2275
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1700e-003**	**5.1000e-004**	**0.0000**	**3.4500e-003**	**0.0000**	**3.4500e-003**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**0.0000**	**0.2267**	**0.2267**	**3.0000e-005**	**0.0000**	**0.2275**

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	tons/yr										MT/yr					
Off-Road	3.0900e-003	0.0367	0.0564	9.0000e-005		1.2400e-003	1.2400e-003		1.1500e-003	1.1500e-003	0.0000	7.4803	7.4803	2.3100e-003	0.0000	7.5381
Total	**3.0900e-003**	**0.0367**	**0.0564**	**9.0000e-005**		**1.2400e-003**	**1.2400e-003**		**1.1500e-003**	**1.1500e-003**	**0.0000**	**7.4803**	**7.4803**	**2.3100e-003**	**0.0000**	**7.5381**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1700e-003	5.1000e-004	0.0000	8.0400e-003	0.0000	8.0400e-003	8.0000e-004	0.0000	8.0000e-004	0.0000	0.2267	0.2267	3.0000e-005	0.0000	0.2275
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1700e-003**	**5.1000e-004**	**0.0000**	**8.0400e-003**	**0.0000**	**8.0400e-003**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**0.2267**	**0.2267**	**3.0000e-005**	**0.0000**	**0.2275**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0900e-003	0.0367	0.0564	9.0000e-005		1.2400e-003	1.2400e-003		1.1500e-003	1.1500e-003	0.0000	7.4802	7.4802	2.3100e-003	0.0000	7.5381
Total	**3.0900e-003**	**0.0367**	**0.0564**	**9.0000e-005**		**1.2400e-003**	**1.2400e-003**		**1.1500e-003**	**1.1500e-003**	**0.0000**	**7.4802**	**7.4802**	**2.3100e-003**	**0.0000**	**7.5381**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1700e-003	5.1000e-004	0.0000	3.4500e-003	0.0000	3.4500e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.2267	0.2267	3.0000e-005	0.0000	0.2275
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1700e-003**	**5.1000e-004**	**0.0000**	**3.4500e-003**	**0.0000**	**3.4500e-003**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**0.0000**	**0.2267**	**0.2267**	**3.0000e-005**	**0.0000**	**0.2275**

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	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7369	18.7369	6.0600e-003	0.0000	18.8884
Total	**8.0100e-003**	**0.0910**	**0.1471**	**2.1000e-004**		**3.5000e-003**	**3.5000e-003**		**3.2200e-003**	**3.2200e-003**	**0.0000**	**18.7369**	**18.7369**	**6.0600e-003**	**0.0000**	**18.8884**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.6500e-003	1.5000e-003	1.0000e-005	0.0249	0.0000	0.0249	2.4900e-003	0.0000	2.4900e-003	0.0000	0.6931	0.6931	1.0000e-004	0.0000	0.6955
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.6500e-003**	**1.5000e-003**	**1.0000e-005**	**0.0249**	**0.0000**	**0.0249**	**2.4900e-003**	**0.0000**	**2.4900e-003**	**0.0000**	**0.6931**	**0.6931**	**1.0000e-004**	**0.0000**	**0.6955**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7368	18.7368	6.0600e-003	0.0000	18.8883
Total	**8.0100e-003**	**0.0910**	**0.1471**	**2.1000e-004**		**3.5000e-003**	**3.5000e-003**		**3.2200e-003**	**3.2200e-003**	**0.0000**	**18.7368**	**18.7368**	**6.0600e-003**	**0.0000**	**18.8883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.6500e-003	1.5000e-003	1.0000e-005	0.0107	0.0000	0.0107	1.0700e-003	0.0000	1.0700e-003	0.0000	0.6931	0.6931	1.0000e-004	0.0000	0.6955
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.6500e-003**	**1.5000e-003**	**1.0000e-005**	**0.0107**	**0.0000**	**0.0107**	**1.0700e-003**	**0.0000**	**1.0700e-003**	**0.0000**	**0.6931**	**0.6931**	**1.0000e-004**	**0.0000**	**0.6955**

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	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0699	0.1038	1.7000e-004		3.4900e-003	3.4900e-003		3.4900e-003	3.4900e-003	0.0000	14.6387	14.6387	8.2000e-004	0.0000	14.6593
Total	**0.5940**	**0.0699**	**0.1038**	**1.7000e-004**		**3.4900e-003**	**3.4900e-003**		**3.4900e-003**	**3.4900e-003**	**0.0000**	**14.6387**	**14.6387**	**8.2000e-004**	**0.0000**	**14.6593**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4000e-003	9.9000e-004	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4585	0.4585	6.0000e-005	0.0000	0.4601
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4000e-003**	**9.9000e-004**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4601**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0699	0.1038	1.7000e-004		3.4900e-003	3.4900e-003		3.4900e-003	3.4900e-003	0.0000	14.6386	14.6386	8.2000e-004	0.0000	14.6592
Total	**0.5940**	**0.0699**	**0.1038**	**1.7000e-004**		**3.4900e-003**	**3.4900e-003**		**3.4900e-003**	**3.4900e-003**	**0.0000**	**14.6386**	**14.6386**	**8.2000e-004**	**0.0000**	**14.6592**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4000e-003	9.9000e-004	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4585	0.4585	6.0000e-005	0.0000	0.4601
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4000e-003**	**9.9000e-004**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4601**

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	tons/yr										MT/yr					
Fugitive Dust					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**5.3000e-003**	**5.6300e-003**	**0.0109**	**5.7000e-004**	**5.2900e-003**	**5.8600e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0700e-003	0.0000	2.0700e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**2.0700e-003**	**5.6300e-003**	**7.7000e-003**	**2.2000e-004**	**5.2900e-003**	**5.5100e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	8.1300e-003	0.0924	0.1493	2.2000e-004		3.5500e-003	3.5500e-003		3.2700e-003	3.2700e-003	0.0000	19.0251	19.0251	6.1500e-003	0.0000	19.1789
Total	**8.1300e-003**	**0.0924**	**0.1493**	**2.2000e-004**		**3.5500e-003**	**3.5500e-003**		**3.2700e-003**	**3.2700e-003**	**0.0000**	**19.0251**	**19.0251**	**6.1500e-003**	**0.0000**	**19.1789**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.7500e-003	1.5300e-003	1.0000e-005	0.0253	0.0000	0.0253	2.5200e-003	0.0000	2.5300e-003	0.0000	0.7038	0.7038	1.0000e-004	0.0000	0.7062
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.7500e-003**	**1.5300e-003**	**1.0000e-005**	**0.0253**	**0.0000**	**0.0253**	**2.5200e-003**	**0.0000**	**2.5300e-003**	**0.0000**	**0.7038**	**0.7038**	**1.0000e-004**	**0.0000**	**0.7062**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.1300e-003	0.0924	0.1493	2.2000e-004		3.5500e-003	3.5500e-003		3.2700e-003	3.2700e-003	0.0000	19.0251	19.0251	6.1500e-003	0.0000	19.1789
Total	**8.1300e-003**	**0.0924**	**0.1493**	**2.2000e-004**		**3.5500e-003**	**3.5500e-003**		**3.2700e-003**	**3.2700e-003**	**0.0000**	**19.0251**	**19.0251**	**6.1500e-003**	**0.0000**	**19.1789**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.7500e-003	1.5300e-003	1.0000e-005	0.0108	0.0000	0.0108	1.0800e-003	0.0000	1.0800e-003	0.0000	0.7038	0.7038	1.0000e-004	0.0000	0.7062
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.7500e-003**	**1.5300e-003**	**1.0000e-005**	**0.0108**	**0.0000**	**0.0108**	**1.0800e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**0.7038**	**0.7038**	**1.0000e-004**	**0.0000**	**0.7062**

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	tons/yr										MT/yr					
Archit. Coating	0.5002					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.0731	0.1086	1.8000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003	0.0000	15.3195	15.3195	8.6000e-004	0.0000	15.3411
Total	**0.5111**	**0.0731**	**0.1086**	**1.8000e-004**		**3.6500e-003**	**3.6500e-003**		**3.6500e-003**	**3.6500e-003**	**0.0000**	**15.3195**	**15.3195**	**8.6000e-004**	**0.0000**	**15.3411**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.6100e-003	1.0400e-003	0.0000	0.0172	0.0000	0.0172	1.7200e-003	0.0000	1.7200e-003	0.0000	0.4799	0.4799	7.0000e-005	0.0000	0.4815
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**4.6100e-003**	**1.0400e-003**	**0.0000**	**0.0172**	**0.0000**	**0.0172**	**1.7200e-003**	**0.0000**	**1.7200e-003**	**0.0000**	**0.4799**	**0.4799**	**7.0000e-005**	**0.0000**	**0.4815**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5002					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.0731	0.1086	1.8000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003	0.0000	15.3195	15.3195	8.6000e-004	0.0000	15.3411
Total	**0.5111**	**0.0731**	**0.1086**	**1.8000e-004**		**3.6500e-003**	**3.6500e-003**		**3.6500e-003**	**3.6500e-003**	**0.0000**	**15.3195**	**15.3195**	**8.6000e-004**	**0.0000**	**15.3411**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.6100e-003	1.0400e-003	0.0000	7.3900e-003	0.0000	7.3900e-003	7.4000e-004	0.0000	7.4000e-004	0.0000	0.4799	0.4799	7.0000e-005	0.0000	0.4815
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**4.6100e-003**	**1.0400e-003**	**0.0000**	**7.3900e-003**	**0.0000**	**7.3900e-003**	**7.4000e-004**	**0.0000**	**7.4000e-004**	**0.0000**	**0.4799**	**0.4799**	**7.0000e-005**	**0.0000**	**0.4815**

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	tons/yr										MT/yr					
Fugitive Dust					6.1000e-003	0.0000	6.1000e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**6.1000e-003**	**5.6300e-003**	**0.0117**	**6.6000e-004**	**5.2900e-003**	**5.9500e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3800e-003	0.0000	2.3800e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**2.3800e-003**	**5.6300e-003**	**8.0100e-003**	**2.6000e-004**	**5.2900e-003**	**5.5500e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7369	18.7369	6.0600e-003	0.0000	18.8884
Total	**8.0100e-003**	**0.0910**	**0.1471**	**2.1000e-004**		**3.5000e-003**	**3.5000e-003**		**3.2200e-003**	**3.2200e-003**	**0.0000**	**18.7369**	**18.7369**	**6.0600e-003**	**0.0000**	**18.8884**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.6500e-003	1.5000e-003	1.0000e-005	0.0249	0.0000	0.0249	2.4900e-003	0.0000	2.4900e-003	0.0000	0.6931	0.6931	1.0000e-004	0.0000	0.6955
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.6500e-003**	**1.5000e-003**	**1.0000e-005**	**0.0249**	**0.0000**	**0.0249**	**2.4900e-003**	**0.0000**	**2.4900e-003**	**0.0000**	**0.6931**	**0.6931**	**1.0000e-004**	**0.0000**	**0.6955**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7368	18.7368	6.0600e-003	0.0000	18.8883
Total	**8.0100e-003**	**0.0910**	**0.1471**	**2.1000e-004**		**3.5000e-003**	**3.5000e-003**		**3.2200e-003**	**3.2200e-003**	**0.0000**	**18.7368**	**18.7368**	**6.0600e-003**	**0.0000**	**18.8883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.6500e-003	1.5000e-003	1.0000e-005	0.0107	0.0000	0.0107	1.0700e-003	0.0000	1.0700e-003	0.0000	0.6931	0.6931	1.0000e-004	0.0000	0.6955
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.6500e-003**	**1.5000e-003**	**1.0000e-005**	**0.0107**	**0.0000**	**0.0107**	**1.0700e-003**	**0.0000**	**1.0700e-003**	**0.0000**	**0.6931**	**0.6931**	**1.0000e-004**	**0.0000**	**0.6955**

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	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0699	0.1038	1.7000e-004		3.4900e-003	3.4900e-003		3.4900e-003	3.4900e-003	0.0000	14.6387	14.6387	8.2000e-004	0.0000	14.6593
Total	**0.5940**	**0.0699**	**0.1038**	**1.7000e-004**		**3.4900e-003**	**3.4900e-003**		**3.4900e-003**	**3.4900e-003**	**0.0000**	**14.6387**	**14.6387**	**8.2000e-004**	**0.0000**	**14.6593**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4000e-003	9.9000e-004	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4585	0.4585	6.0000e-005	0.0000	0.4601
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4000e-003**	**9.9000e-004**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4601**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0699	0.1038	1.7000e-004		3.4900e-003	3.4900e-003		3.4900e-003	3.4900e-003	0.0000	14.6386	14.6386	8.2000e-004	0.0000	14.6592
Total	**0.5940**	**0.0699**	**0.1038**	**1.7000e-004**		**3.4900e-003**	**3.4900e-003**		**3.4900e-003**	**3.4900e-003**	**0.0000**	**14.6386**	**14.6386**	**8.2000e-004**	**0.0000**	**14.6592**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4000e-003	9.9000e-004	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4585	0.4585	6.0000e-005	0.0000	0.4601
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4000e-003**	**9.9000e-004**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4601**

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	tons/yr										MT/yr					
Fugitive Dust					5.5700e-003	0.0000	5.5700e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**5.5700e-003**	**5.6300e-003**	**0.0112**	**6.0000e-004**	**5.2900e-003**	**5.8900e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1700e-003	0.0000	2.1700e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**2.1700e-003**	**5.6300e-003**	**7.8000e-003**	**2.3000e-004**	**5.2900e-003**	**5.5200e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	7.3300e-003	0.0838	0.1445	2.1000e-004		2.8900e-003	2.8900e-003		2.6500e-003	2.6500e-003	0.0000	18.4564	18.4564	5.9700e-003	0.0000	18.6057
Total	**7.3300e-003**	**0.0838**	**0.1445**	**2.1000e-004**		**2.8900e-003**	**2.8900e-003**		**2.6500e-003**	**2.6500e-003**	**0.0000**	**18.4564**	**18.4564**	**5.9700e-003**	**0.0000**	**18.6057**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.4900e-003	1.4200e-003	1.0000e-005	0.0245	0.0000	0.0245	2.4500e-003	0.0000	2.4500e-003	0.0000	0.6746	0.6746	9.0000e-005	0.0000	0.6769
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.4900e-003**	**1.4200e-003**	**1.0000e-005**	**0.0245**	**0.0000**	**0.0245**	**2.4500e-003**	**0.0000**	**2.4500e-003**	**0.0000**	**0.6746**	**0.6746**	**9.0000e-005**	**0.0000**	**0.6769**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3300e-003	0.0838	0.1445	2.1000e-004		2.8900e-003	2.8900e-003		2.6500e-003	2.6500e-003	0.0000	18.4564	18.4564	5.9700e-003	0.0000	18.6057
Total	**7.3300e-003**	**0.0838**	**0.1445**	**2.1000e-004**		**2.8900e-003**	**2.8900e-003**		**2.6500e-003**	**2.6500e-003**	**0.0000**	**18.4564**	**18.4564**	**5.9700e-003**	**0.0000**	**18.6057**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.4900e-003	1.4200e-003	1.0000e-005	0.0105	0.0000	0.0105	1.0500e-003	0.0000	1.0500e-003	0.0000	0.6746	0.6746	9.0000e-005	0.0000	0.6769
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.4900e-003**	**1.4200e-003**	**1.0000e-005**	**0.0105**	**0.0000**	**0.0105**	**1.0500e-003**	**0.0000**	**1.0500e-003**	**0.0000**	**0.6746**	**0.6746**	**9.0000e-005**	**0.0000**	**0.6769**

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	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	**0.5934**	**0.0657**	**0.1037**	**1.7000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**	**0.0000**	**14.6387**	**14.6387**	**8.0000e-004**	**0.0000**	**14.6586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4533	0.4533	6.0000e-005	0.0000	0.4548
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.3600e-003**	**9.5000e-004**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4533**	**0.4533**	**6.0000e-005**	**0.0000**	**0.4548**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	**0.5934**	**0.0657**	**0.1037**	**1.7000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**	**0.0000**	**14.6386**	**14.6386**	**8.0000e-004**	**0.0000**	**14.6586**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4533	0.4533	6.0000e-005	0.0000	0.4548
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.3600e-003**	**9.5000e-004**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4533**	**0.4533**	**6.0000e-005**	**0.0000**	**0.4548**

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	tons/yr										MT/yr					
Fugitive Dust					5.8300e-003	0.0000	5.8300e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0113	0.1099	0.1052	2.1000e-004		4.9100e-003	4.9100e-003		4.6200e-003	4.6200e-003	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**0.0113**	**0.1099**	**0.1052**	**2.1000e-004**	**5.8300e-003**	**4.9100e-003**	**0.0107**	**6.3000e-004**	**4.6200e-003**	**5.2500e-003**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2319	0.2319	3.0000e-005	0.0000	0.2327
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2319**	**0.2319**	**3.0000e-005**	**0.0000**	**0.2327**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0113	0.1099	0.1052	2.1000e-004		4.9100e-003	4.9100e-003		4.6200e-003	4.6200e-003	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**0.0113**	**0.1099**	**0.1052**	**2.1000e-004**	**2.2700e-003**	**4.9100e-003**	**7.1800e-003**	**2.5000e-004**	**4.6200e-003**	**4.8700e-003**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2319	0.2319	3.0000e-005	0.0000	0.2327
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2319**	**0.2319**	**3.0000e-005**	**0.0000**	**0.2327**

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	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**3.0200e-003**	**0.0356**	**0.0589**	**9.0000e-005**		**1.0800e-003**	**1.0800e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2319	0.2319	3.0000e-005	0.0000	0.2327
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2319**	**0.2319**	**3.0000e-005**	**0.0000**	**0.2327**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**3.0200e-003**	**0.0356**	**0.0589**	**9.0000e-005**		**1.0800e-003**	**1.0800e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2319	0.2319	3.0000e-005	0.0000	0.2327
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2319**	**0.2319**	**3.0000e-005**	**0.0000**	**0.2327**

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	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**7.5600e-003**	**0.0864**	**0.1490**	**2.2000e-004**		**2.9800e-003**	**2.9800e-003**		**2.7400e-003**	**2.7400e-003**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.6900e-003	1.4600e-003	1.0000e-005	0.0253	0.0000	0.0253	2.5200e-003	0.0000	2.5300e-003	0.0000	0.6957	0.6957	9.0000e-005	0.0000	0.6980
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.6900e-003**	**1.4600e-003**	**1.0000e-005**	**0.0253**	**0.0000**	**0.0253**	**2.5200e-003**	**0.0000**	**2.5300e-003**	**0.0000**	**0.6957**	**0.6957**	**9.0000e-005**	**0.0000**	**0.6980**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**7.5600e-003**	**0.0864**	**0.1490**	**2.2000e-004**		**2.9800e-003**	**2.9800e-003**		**2.7400e-003**	**2.7400e-003**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.6900e-003	1.4600e-003	1.0000e-005	0.0108	0.0000	0.0108	1.0800e-003	0.0000	1.0800e-003	0.0000	0.6957	0.6957	9.0000e-005	0.0000	0.6980
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.6900e-003**	**1.4600e-003**	**1.0000e-005**	**0.0108**	**0.0000**	**0.0108**	**1.0800e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**0.6957**	**0.6957**	**9.0000e-005**	**0.0000**	**0.6980**

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	tons/yr										MT/yr					
Archit. Coating	0.4308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0100	0.0672	0.1061	1.7000e-004		3.0200e-003	3.0200e-003		3.0200e-003	3.0200e-003	0.0000	14.9791	14.9791	8.2000e-004	0.0000	14.9995
Total	**0.4408**	**0.0672**	**0.1061**	**1.7000e-004**		**3.0200e-003**	**3.0200e-003**		**3.0200e-003**	**3.0200e-003**	**0.0000**	**14.9791**	**14.9791**	**8.2000e-004**	**0.0000**	**14.9995**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4600e-003	9.8000e-004	0.0000	0.0168	0.0000	0.0168	1.6800e-003	0.0000	1.6800e-003	0.0000	0.4638	0.4638	6.0000e-005	0.0000	0.4654
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4600e-003**	**9.8000e-004**	**0.0000**	**0.0168**	**0.0000**	**0.0168**	**1.6800e-003**	**0.0000**	**1.6800e-003**	**0.0000**	**0.4638**	**0.4638**	**6.0000e-005**	**0.0000**	**0.4654**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0100	0.0672	0.1061	1.7000e-004		3.0200e-003	3.0200e-003		3.0200e-003	3.0200e-003	0.0000	14.9791	14.9791	8.2000e-004	0.0000	14.9995
Total	**0.4408**	**0.0672**	**0.1061**	**1.7000e-004**		**3.0200e-003**	**3.0200e-003**		**3.0200e-003**	**3.0200e-003**	**0.0000**	**14.9791**	**14.9791**	**8.2000e-004**	**0.0000**	**14.9995**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4600e-003	9.8000e-004	0.0000	7.2200e-003	0.0000	7.2200e-003	7.2000e-004	0.0000	7.2000e-004	0.0000	0.4638	0.4638	6.0000e-005	0.0000	0.4654
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4600e-003**	**9.8000e-004**	**0.0000**	**7.2200e-003**	**0.0000**	**7.2200e-003**	**7.2000e-004**	**0.0000**	**7.2000e-004**	**0.0000**	**0.4638**	**0.4638**	**6.0000e-005**	**0.0000**	**0.4654**

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	tons/yr										MT/yr					
Fugitive Dust					5.8300e-003	0.0000	5.8300e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.1049	0.1004	2.0000e-004		4.6900e-003	4.6900e-003		4.4100e-003	4.4100e-003	0.0000	17.5422	17.5422	3.8900e-003	0.0000	17.6394
Total	**0.0108**	**0.1049**	**0.1004**	**2.0000e-004**	**5.8300e-003**	**4.6900e-003**	**0.0105**	**6.3000e-004**	**4.4100e-003**	**5.0400e-003**	**0.0000**	**17.5422**	**17.5422**	**3.8900e-003**	**0.0000**	**17.6394**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	8.0400e-003	0.0000	8.0400e-003	8.0000e-004	0.0000	8.0000e-004	0.0000	0.1107	0.1107	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0700e-003**	**2.3000e-004**	**0.0000**	**8.0400e-003**	**0.0000**	**8.0400e-003**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**0.1107**	**0.1107**	**1.0000e-005**	**0.0000**	**0.1111**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.1049	0.1004	2.0000e-004		4.6900e-003	4.6900e-003		4.4100e-003	4.4100e-003	0.0000	17.5421	17.5421	3.8900e-003	0.0000	17.6393
Total	**0.0108**	**0.1049**	**0.1004**	**2.0000e-004**	**2.2700e-003**	**4.6900e-003**	**6.9600e-003**	**2.5000e-004**	**4.4100e-003**	**4.6600e-003**	**0.0000**	**17.5421**	**17.5421**	**3.8900e-003**	**0.0000**	**17.6393**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	3.4500e-003	0.0000	3.4500e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.1107	0.1107	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0700e-003**	**2.3000e-004**	**0.0000**	**3.4500e-003**	**0.0000**	**3.4500e-003**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**0.0000**	**0.1107**	**0.1107**	**1.0000e-005**	**0.0000**	**0.1111**

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	tons/yr										MT/yr					
Off-Road	2.8800e-003	0.0340	0.0562	9.0000e-005		1.0300e-003	1.0300e-003		9.6000e-004	9.6000e-004	0.0000	7.4792	7.4792	2.3100e-003	0.0000	7.5371
Total	**2.8800e-003**	**0.0340**	**0.0562**	**9.0000e-005**		**1.0300e-003**	**1.0300e-003**		**9.6000e-004**	**9.6000e-004**	**0.0000**	**7.4792**	**7.4792**	**2.3100e-003**	**0.0000**	**7.5371**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1300e-003	4.7000e-004	0.0000	8.0400e-003	0.0000	8.0400e-003	8.0000e-004	0.0000	8.0000e-004	0.0000	0.2214	0.2214	3.0000e-005	0.0000	0.2221
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1300e-003**	**4.7000e-004**	**0.0000**	**8.0400e-003**	**0.0000**	**8.0400e-003**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**0.2214**	**0.2214**	**3.0000e-005**	**0.0000**	**0.2221**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8800e-003	0.0340	0.0562	9.0000e-005		1.0300e-003	1.0300e-003		9.6000e-004	9.6000e-004	0.0000	7.4792	7.4792	2.3100e-003	0.0000	7.5370
Total	**2.8800e-003**	**0.0340**	**0.0562**	**9.0000e-005**		**1.0300e-003**	**1.0300e-003**		**9.6000e-004**	**9.6000e-004**	**0.0000**	**7.4792**	**7.4792**	**2.3100e-003**	**0.0000**	**7.5370**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1300e-003	4.7000e-004	0.0000	3.4500e-003	0.0000	3.4500e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.2214	0.2214	3.0000e-005	0.0000	0.2221
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1300e-003**	**4.7000e-004**	**0.0000**	**3.4500e-003**	**0.0000**	**3.4500e-003**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**0.0000**	**0.2214**	**0.2214**	**3.0000e-005**	**0.0000**	**0.2221**

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	tons/yr										MT/yr					
Off-Road	7.4400e-003	0.0851	0.1467	2.1000e-004		2.9300e-003	2.9300e-003		2.7000e-003	2.7000e-003	0.0000	18.7448	18.7448	6.0600e-003	0.0000	18.8964
Total	**7.4400e-003**	**0.0851**	**0.1467**	**2.1000e-004**		**2.9300e-003**	**2.9300e-003**		**2.7000e-003**	**2.7000e-003**	**0.0000**	**18.7448**	**18.7448**	**6.0600e-003**	**0.0000**	**18.8964**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3000e-003	7.2000e-004	0.0000	0.0124	0.0000	0.0124	1.2400e-003	0.0000	1.2400e-003	0.0000	0.3426	0.3426	5.0000e-005	0.0000	0.3437
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.3000e-003**	**7.2000e-004**	**0.0000**	**0.0124**	**0.0000**	**0.0124**	**1.2400e-003**	**0.0000**	**1.2400e-003**	**0.0000**	**0.3426**	**0.3426**	**5.0000e-005**	**0.0000**	**0.3437**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.4400e-003	0.0851	0.1467	2.1000e-004		2.9300e-003	2.9300e-003		2.7000e-003	2.7000e-003	0.0000	18.7448	18.7448	6.0600e-003	0.0000	18.8964
Total	**7.4400e-003**	**0.0851**	**0.1467**	**2.1000e-004**		**2.9300e-003**	**2.9300e-003**		**2.7000e-003**	**2.7000e-003**	**0.0000**	**18.7448**	**18.7448**	**6.0600e-003**	**0.0000**	**18.8964**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3000e-003	7.2000e-004	0.0000	5.3300e-003	0.0000	5.3300e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.3426	0.3426	5.0000e-005	0.0000	0.3437
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.3000e-003**	**7.2000e-004**	**0.0000**	**5.3300e-003**	**0.0000**	**5.3300e-003**	**5.3000e-004**	**0.0000**	**5.3000e-004**	**0.0000**	**0.3426**	**0.3426**	**5.0000e-005**	**0.0000**	**0.3437**

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	tons/yr										MT/yr					
Archit. Coating	0.2223					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	**0.2321**	**0.0657**	**0.1037**	**1.7000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**	**0.0000**	**14.6387**	**14.6387**	**8.0000e-004**	**0.0000**	**14.6586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4533	0.4533	6.0000e-005	0.0000	0.4548
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.3600e-003**	**9.5000e-004**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4533**	**0.4533**	**6.0000e-005**	**0.0000**	**0.4548**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2223					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	**0.2321**	**0.0657**	**0.1037**	**1.7000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**	**0.0000**	**14.6386**	**14.6386**	**8.0000e-004**	**0.0000**	**14.6586**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4533	0.4533	6.0000e-005	0.0000	0.4548
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.3600e-003**	**9.5000e-004**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4533**	**0.4533**	**6.0000e-005**	**0.0000**	**0.4548**

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	tons/yr										MT/yr					
Off-Road	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	**3.1500e-003**	**0.0372**	**0.0616**	**1.0000e-004**		**1.1300e-003**	**1.1300e-003**		**1.0500e-003**	**1.0500e-003**	**0.0000**	**8.1915**	**8.1915**	**2.5300e-003**	**0.0000**	**8.2549**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.5000e-004	0.0000	4.4000e-003	0.0000	4.4000e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.1212	0.1212	2.0000e-005	0.0000	0.1216
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.1700e-003**	**2.5000e-004**	**0.0000**	**4.4000e-003**	**0.0000**	**4.4000e-003**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**0.1212**	**0.1212**	**2.0000e-005**	**0.0000**	**0.1216**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	**3.1500e-003**	**0.0372**	**0.0616**	**1.0000e-004**		**1.1300e-003**	**1.1300e-003**		**1.0500e-003**	**1.0500e-003**	**0.0000**	**8.1915**	**8.1915**	**2.5300e-003**	**0.0000**	**8.2549**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.5000e-004	0.0000	1.8900e-003	0.0000	1.8900e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1212	0.1212	2.0000e-005	0.0000	0.1216
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.1700e-003**	**2.5000e-004**	**0.0000**	**1.8900e-003**	**0.0000**	**1.8900e-003**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.1212**	**0.1212**	**2.0000e-005**	**0.0000**	**0.1216**

CalEEMod Version: CalEEMod.2016.3.1 Date: 10/6/2017 7:56 AM

South Village Residential General Construction - LEA

San Diego County, Annual

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**	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

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

Woodstoves - operational analysis only

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

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
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
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	162.50	272.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
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	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	3.00
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	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	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		Interact Paving -6
tblOffRoadEquipment	PhaseName		Interact Paving -7
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Paving -1
tblOffRoadEquipment	PhaseName		Interact Paving -2
tblOffRoadEquipment	PhaseName		Interact Paving -3
tblOffRoadEquipment	PhaseName		Interact Paving -4
tblOffRoadEquipment	PhaseName		Interact Paving -5
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Site Preparation

tblOffRoadEquipment	PhaseName		Site Preparation
tblOffRoadEquipment	PhaseName		Interact Paving -6
tblOffRoadEquipment	PhaseName		Interact Paving -7
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Paving -1
tblOffRoadEquipment	PhaseName		Interact Paving -2
tblOffRoadEquipment	PhaseName		Interact Paving -3
tblOffRoadEquipment	PhaseName		Interact Paving -4
tblOffRoadEquipment	PhaseName		Interact Paving -5
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	1.00	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
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
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tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00

tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	2,417.00
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15

tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1591	1.7908	1.2246	2.6500e-003	1.3642	0.0731	1.4373	0.3148	0.0673	0.3821	0.0000	234.6601	234.6601	0.0735	0.0000	236.4973
2023	0.0604	0.5799	0.6277	1.5200e-003	0.1242	0.0214	0.1456	0.0124	0.0197	0.0321	0.0000	133.8990	133.8990	0.0427	0.0000	134.9658
2024	0.0144	0.1379	0.1585	3.9000e-004	0.0622	4.7800e-003	0.0670	6.2100e-003	4.4000e-003	0.0106	0.0000	34.3350	34.3350	0.0108	0.0000	34.6046
2025	8.9100e-003	0.0789	0.1065	2.6000e-004	0.0421	2.6900e-003	0.0448	4.2100e-003	2.4800e-003	6.6800e-003	0.0000	23.2323	23.2323	7.2900e-003	0.0000	23.4147
Maximum	**0.1591**	**1.7908**	**1.2246**	**2.6500e-003**	**1.3642**	**0.0731**	**1.4373**	**0.3148**	**0.0673**	**0.3821**	**0.0000**	**234.6601**	**234.6601**	**0.0735**	**0.0000**	**236.4973**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0437	0.9127	1.5177	2.6500e-003	0.5640	4.1700e-003	0.5681	0.1259	4.1700e-003	0.1301	0.0000	234.6598	234.6598	0.0735	0.0000	236.4970
2023	0.0223	0.5456	0.9530	1.5200e-003	0.0533	2.4500e-003	0.0557	5.3200e-003	2.4500e-003	7.7700e-003	0.0000	133.8988	133.8988	0.0427	0.0000	134.9657
2024	5.7300e-003	0.1447	0.2400	3.9000e-004	0.0267	6.2000e-004	0.0273	2.6600e-003	6.2000e-004	3.2800e-003	0.0000	34.3350	34.3350	0.0108	0.0000	34.6046
2025	3.8700e-003	0.0978	0.1624	2.6000e-004	0.0181	4.2000e-004	0.0185	1.8000e-003	4.2000e-004	2.2200e-003	0.0000	23.2323	23.2323	7.2900e-003	0.0000	23.4146
Maximum	**0.0437**	**0.9127**	**1.5177**	**2.6500e-003**	**0.5640**	**4.1700e-003**	**0.5681**	**0.1259**	**4.1700e-003**	**0.1301**	**0.0000**	**234.6598**	**234.6598**	**0.0735**	**0.0000**	**236.4970**

	ROG	NOx	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	**68.87**	**34.27**	**-35.69**	**0.00**	**58.44**	**92.49**	**60.49**	**59.80**	**91.84**	**66.77**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2022	11-30-2022	1.4414	0.6926
2	12-1-2022	2-28-2023	0.5110	0.2653
4	6-1-2023	8-31-2023	0.0575	0.0513
5	9-1-2023	11-30-2023	0.0555	0.0496
7	3-1-2024	5-31-2024	0.0518	0.0512
8	6-1-2024	8-31-2024	0.0519	0.0513
9	9-1-2024	11-30-2024	0.0501	0.0495
11	3-1-2025	5-31-2025	0.0441	0.0511
12	6-1-2025	8-31-2025	0.0442	0.0512
		Highest	1.4414	0.6926

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4300e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4300e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4300e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4300e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

	ROG	**NOx**	**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	9/1/2022	9/30/2022	5	22	
2	Grading	Grading	10/1/2022	12/31/2022	5	65	
3	Interact Utilities	Site Preparation	1/1/2023	6/30/2023	5	130	
4	Slope Landscaping	Site Preparation	2/1/2023	6/1/2023	5	87	
5	Interact Paving -1	Paving	7/1/2023	7/31/2023	5	21	
6	Interact Paving -2	Paving	11/1/2023	11/30/2023	5	22	
7	Interact Paving -3	Paving	3/1/2024	3/31/2024	5	21	
8	Interact Paving -4	Paving	7/1/2024	7/31/2024	5	23	
9	Interact Paving -5	Paving	11/1/2024	11/30/2024	5	21	
10	Interact Paving -6	Paving	3/1/2025	3/31/2025	5	21	
11	Interact Paving -7	Paving	7/1/2025	7/31/2025	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 272.5

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
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
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 Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -1	Excavators	1	8.00	158	0.38
Interact Paving -1	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -2	Excavators	1	8.00	158	0.38
Interact Paving -2	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -3	Excavators	1	8.00	158	0.38
Interact Paving -3	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -4	Excavators	1	8.00	158	0.38
Interact Paving -4	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -5	Excavators	1	8.00	158	0.38
Interact Paving -5	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -6	Excavators	1	8.00	158	0.38
Interact Paving -6	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -7	Excavators	1	8.00	158	0.38
Interact Paving -7	Rubber Tired Loaders	1	8.00	203	0.36

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	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	4.00	2,417.00	10.80	0.15	0.50	LD_Mix	HDT_Mix	HHDT
Interact Utilities	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -1	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	2	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	2	0.00	10.00	0.00	10.80	0.15	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 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1987	0.0000	0.1987	0.1092	0.0000	0.1092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.4059	0.2609	4.9000e-004		0.0199	0.0199		0.0183	0.0183	0.0000	42.7541	42.7541	0.0138	0.0000	43.0998
Total	**0.0390**	**0.4059**	**0.2609**	**4.9000e-004**	**0.1987**	**0.0199**	**0.2187**	**0.1092**	**0.0183**	**0.1276**	**0.0000**	**42.7541**	**42.7541**	**0.0138**	**0.0000**	**43.0998**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	2.5700e-003	6.0000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2458	0.2458	4.0000e-005	0.0000	0.2468
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**2.5700e-003**	**6.0000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2458**	**0.2458**	**4.0000e-005**	**0.0000**	**0.2468**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0775	0.0000	0.0775	0.0426	0.0000	0.0426	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.5000e-003	0.1639	0.3044	4.9000e-004		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	42.7541	42.7541	0.0138	0.0000	43.0997
Total	**8.5000e-003**	**0.1639**	**0.3044**	**4.9000e-004**	**0.0775**	**7.9000e-004**	**0.0783**	**0.0426**	**7.9000e-004**	**0.0434**	**0.0000**	**42.7541**	**42.7541**	**0.0138**	**0.0000**	**43.0997**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	2.5700e-003	6.0000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2458	0.2458	4.0000e-005	0.0000	0.2468
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**2.5700e-003**	**6.0000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2458**	**0.2458**	**4.0000e-005**	**0.0000**	**0.2468**

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	tons/yr										MT/yr					
Fugitive Dust					0.3402	0.0000	0.3402	0.1232	0.0000	0.1232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1178	1.2624	0.9439	2.0200e-003		0.0531	0.0531		0.0489	0.0489	0.0000	177.2375	177.2375	0.0573	0.0000	178.6705
Total	**0.1178**	**1.2624**	**0.9439**	**2.0200e-003**	**0.3402**	**0.0531**	**0.3933**	**0.1232**	**0.0489**	**0.1721**	**0.0000**	**177.2375**	**177.2375**	**0.0573**	**0.0000**	**178.6705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0900e-003	0.1123	0.0174	1.4000e-004	0.7920	7.0000e-005	0.7920	0.0791	7.0000e-005	0.0791	0.0000	13.6965	13.6965	2.1800e-003	0.0000	13.7509
Vendor	1.7000e-004	7.6000e-003	1.7800e-003	1.0000e-005	0.0249	0.0000	0.0249	2.4900e-003	0.0000	2.4900e-003	0.0000	0.7263	0.7263	1.2000e-004	0.0000	0.7293
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2600e-003**	**0.1199**	**0.0192**	**1.5000e-004**	**0.8168**	**7.0000e-005**	**0.8169**	**0.0816**	**7.0000e-005**	**0.0816**	**0.0000**	**14.4227**	**14.4227**	**2.3000e-003**	**0.0000**	**14.4802**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1327	0.0000	0.1327	0.0480	0.0000	0.0480	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0329	0.6263	1.1935	2.0200e-003		3.3000e-003	3.3000e-003		3.3000e-003	3.3000e-003	0.0000	177.2372	177.2372	0.0573	0.0000	178.6703
Total	**0.0329**	**0.6263**	**1.1935**	**2.0200e-003**	**0.1327**	**3.3000e-003**	**0.1360**	**0.0480**	**3.3000e-003**	**0.0513**	**0.0000**	**177.2372**	**177.2372**	**0.0573**	**0.0000**	**178.6703**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0900e-003	0.1123	0.0174	1.4000e-004	0.3395	7.0000e-005	0.3396	0.0339	7.0000e-005	0.0339	0.0000	13.6965	13.6965	2.1800e-003	0.0000	13.7509
Vendor	1.7000e-004	7.6000e-003	1.7800e-003	1.0000e-005	0.0107	0.0000	0.0107	1.0700e-003	0.0000	1.0700e-003	0.0000	0.7263	0.7263	1.2000e-004	0.0000	0.7293
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2600e-003**	**0.1199**	**0.0192**	**1.5000e-004**	**0.3502**	**7.0000e-005**	**0.3502**	**0.0349**	**7.0000e-005**	**0.0350**	**0.0000**	**14.4227**	**14.4227**	**2.3000e-003**	**0.0000**	**14.4802**

3.4 Interact Utilities - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0299	0.2732	0.3099	7.4000e-004		0.0107	0.0107		9.8500e-003	9.8500e-003	0.0000	65.1979	65.1979	0.0211	0.0000	65.7250
Total	**0.0299**	**0.2732**	**0.3099**	**7.4000e-004**	**0.0000**	**0.0107**	**0.0107**	**0.0000**	**9.8500e-003**	**9.8500e-003**	**0.0000**	**65.1979**	**65.1979**	**0.0211**	**0.0000**	**65.7250**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7000e-004	0.0134	3.1900e-003	1.0000e-005	0.0498	0.0000	0.0498	4.9700e-003	0.0000	4.9700e-003	0.0000	1.4035	1.4035	2.0000e-004	0.0000	1.4085
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7000e-004**	**0.0134**	**3.1900e-003**	**1.0000e-005**	**0.0498**	**0.0000**	**0.0498**	**4.9700e-003**	**0.0000**	**4.9700e-003**	**0.0000**	**1.4035**	**1.4035**	**2.0000e-004**	**0.0000**	**1.4085**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.2561	0.4725	7.4000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	65.1978	65.1978	0.0211	0.0000	65.7249
Total	**0.0108**	**0.2561**	**0.4725**	**7.4000e-004**	**0.0000**	**1.2200e-003**	**1.2200e-003**	**0.0000**	**1.2200e-003**	**1.2200e-003**	**0.0000**	**65.1978**	**65.1978**	**0.0211**	**0.0000**	**65.7249**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7000e-004	0.0134	3.1900e-003	1.0000e-005	0.0213	0.0000	0.0213	2.1300e-003	0.0000	2.1400e-003	0.0000	1.4035	1.4035	2.0000e-004	0.0000	1.4085
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7000e-004**	**0.0134**	**3.1900e-003**	**1.0000e-005**	**0.0213**	**0.0000**	**0.0213**	**2.1300e-003**	**0.0000**	**2.1400e-003**	**0.0000**	**1.4035**	**1.4035**	**2.0000e-004**	**0.0000**	**1.4085**

3.5 Slope 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0200	0.1828	0.2074	5.0000e-004		7.1600e-003	7.1600e-003		6.5900e-003	6.5900e-003	0.0000	43.6324	43.6324	0.0141	0.0000	43.9852
Total	**0.0200**	**0.1828**	**0.2074**	**5.0000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**6.5900e-003**	**6.5900e-003**	**0.0000**	**43.6324**	**43.6324**	**0.0141**	**0.0000**	**43.9852**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	8.9800e-003	2.1300e-003	1.0000e-005	0.0333	0.0000	0.0333	3.3300e-003	0.0000	3.3300e-003	0.0000	0.9392	0.9392	1.3000e-004	0.0000	0.9426
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.8000e-004**	**8.9800e-003**	**2.1300e-003**	**1.0000e-005**	**0.0333**	**0.0000**	**0.0333**	**3.3300e-003**	**0.0000**	**3.3300e-003**	**0.0000**	**0.9392**	**0.9392**	**1.3000e-004**	**0.0000**	**0.9426**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2500e-003	0.1714	0.3162	5.0000e-004		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	43.6324	43.6324	0.0141	0.0000	43.9852
Total	**7.2500e-003**	**0.1714**	**0.3162**	**5.0000e-004**	**0.0000**	**8.2000e-004**	**8.2000e-004**	**0.0000**	**8.2000e-004**	**8.2000e-004**	**0.0000**	**43.6324**	**43.6324**	**0.0141**	**0.0000**	**43.9852**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	8.9800e-003	2.1300e-003	1.0000e-005	0.0143	0.0000	0.0143	1.4300e-003	0.0000	1.4300e-003	0.0000	0.9392	0.9392	1.3000e-004	0.0000	0.9426
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.8000e-004**	**8.9800e-003**	**2.1300e-003**	**1.0000e-005**	**0.0143**	**0.0000**	**0.0143**	**1.4300e-003**	**0.0000**	**1.4300e-003**	**0.0000**	**0.9392**	**0.9392**	**1.3000e-004**	**0.0000**	**0.9426**

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	tons/yr										MT/yr					
Off-Road	4.8200e-003	0.0441	0.0501	1.2000e-004		1.7300e-003	1.7300e-003		1.5900e-003	1.5900e-003	0.0000	10.5320	10.5320	3.4100e-003	0.0000	10.6171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8200e-003**	**0.0441**	**0.0501**	**1.2000e-004**		**1.7300e-003**	**1.7300e-003**		**1.5900e-003**	**1.5900e-003**	**0.0000**	**10.5320**	**10.5320**	**3.4100e-003**	**0.0000**	**10.6171**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.4200e-003	1.2900e-003	1.0000e-005	0.0201	0.0000	0.0201	2.0100e-003	0.0000	2.0100e-003	0.0000	0.5668	0.5668	8.0000e-005	0.0000	0.5688
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.4200e-003**	**1.2900e-003**	**1.0000e-005**	**0.0201**	**0.0000**	**0.0201**	**2.0100e-003**	**0.0000**	**2.0100e-003**	**0.0000**	**0.5668**	**0.5668**	**8.0000e-005**	**0.0000**	**0.5688**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7500e-003	0.0414	0.0763	1.2000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	10.5320	10.5320	3.4100e-003	0.0000	10.6171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.7500e-003**	**0.0414**	**0.0763**	**1.2000e-004**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**10.5320**	**10.5320**	**3.4100e-003**	**0.0000**	**10.6171**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.4200e-003	1.2900e-003	1.0000e-005	8.6200e-003	0.0000	8.6200e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.5668	0.5668	8.0000e-005	0.0000	0.5688
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.4200e-003**	**1.2900e-003**	**1.0000e-005**	**8.6200e-003**	**0.0000**	**8.6200e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.5668**	**0.5668**	**8.0000e-005**	**0.0000**	**0.5688**

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	tons/yr										MT/yr					
Off-Road	5.0500e-003	0.0462	0.0524	1.3000e-004		1.8100e-003	1.8100e-003		1.6700e-003	1.6700e-003	0.0000	11.0335	11.0335	3.5700e-003	0.0000	11.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.0500e-003**	**0.0462**	**0.0524**	**1.3000e-004**		**1.8100e-003**	**1.8100e-003**		**1.6700e-003**	**1.6700e-003**	**0.0000**	**11.0335**	**11.0335**	**3.5700e-003**	**0.0000**	**11.1227**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.6800e-003	1.3500e-003	1.0000e-005	0.0211	0.0000	0.0211	2.1000e-003	0.0000	2.1000e-003	0.0000	0.5938	0.5938	8.0000e-005	0.0000	0.5959
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.6800e-003**	**1.3500e-003**	**1.0000e-005**	**0.0211**	**0.0000**	**0.0211**	**2.1000e-003**	**0.0000**	**2.1000e-003**	**0.0000**	**0.5938**	**0.5938**	**8.0000e-005**	**0.0000**	**0.5959**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8300e-003	0.0433	0.0800	1.3000e-004		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	11.0335	11.0335	3.5700e-003	0.0000	11.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.8300e-003**	**0.0433**	**0.0800**	**1.3000e-004**		**2.1000e-004**	**2.1000e-004**		**2.1000e-004**	**2.1000e-004**	**0.0000**	**11.0335**	**11.0335**	**3.5700e-003**	**0.0000**	**11.1227**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.6800e-003	1.3500e-003	1.0000e-005	9.0300e-003	0.0000	9.0300e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.5938	0.5938	8.0000e-005	0.0000	0.5959
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.6800e-003**	**1.3500e-003**	**1.0000e-005**	**9.0300e-003**	**0.0000**	**9.0300e-003**	**9.0000e-004**	**0.0000**	**9.0000e-004**	**0.0000**	**0.5938**	**0.5938**	**8.0000e-005**	**0.0000**	**0.5959**

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	tons/yr										MT/yr					
Off-Road	4.5600e-003	0.0392	0.0500	1.2000e-004		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	10.5330	10.5330	3.4100e-003	0.0000	10.6182
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.0392**	**0.0500**	**1.2000e-004**		**1.5400e-003**	**1.5400e-003**		**1.4200e-003**	**1.4200e-003**	**0.0000**	**10.5330**	**10.5330**	**3.4100e-003**	**0.0000**	**10.6182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3700e-003	1.2100e-003	1.0000e-005	0.0201	0.0000	0.0201	2.0100e-003	0.0000	2.0100e-003	0.0000	0.5598	0.5598	8.0000e-005	0.0000	0.5618
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3700e-003**	**1.2100e-003**	**1.0000e-005**	**0.0201**	**0.0000**	**0.0201**	**2.0100e-003**	**0.0000**	**2.0100e-003**	**0.0000**	**0.5598**	**0.5598**	**8.0000e-005**	**0.0000**	**0.5618**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7500e-003	0.0414	0.0763	1.2000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	10.5330	10.5330	3.4100e-003	0.0000	10.6182
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.7500e-003**	**0.0414**	**0.0763**	**1.2000e-004**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**10.5330**	**10.5330**	**3.4100e-003**	**0.0000**	**10.6182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3700e-003	1.2100e-003	1.0000e-005	8.6200e-003	0.0000	8.6200e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.5598	0.5598	8.0000e-005	0.0000	0.5618
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3700e-003**	**1.2100e-003**	**1.0000e-005**	**8.6200e-003**	**0.0000**	**8.6200e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.5598**	**0.5598**	**8.0000e-005**	**0.0000**	**0.5618**

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	tons/yr										MT/yr					
Off-Road	4.9900e-003	0.0429	0.0548	1.3000e-004		1.6900e-003	1.6900e-003		1.5600e-003	1.5600e-003	0.0000	11.5362	11.5362	3.7300e-003	0.0000	11.6295
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.9900e-003**	**0.0429**	**0.0548**	**1.3000e-004**		**1.6900e-003**	**1.6900e-003**		**1.5600e-003**	**1.5600e-003**	**0.0000**	**11.5362**	**11.5362**	**3.7300e-003**	**0.0000**	**11.6295**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8800e-003	1.3300e-003	1.0000e-005	0.0220	0.0000	0.0220	2.2000e-003	0.0000	2.2000e-003	0.0000	0.6131	0.6131	8.0000e-005	0.0000	0.6153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.8800e-003**	**1.3300e-003**	**1.0000e-005**	**0.0220**	**0.0000**	**0.0220**	**2.2000e-003**	**0.0000**	**2.2000e-003**	**0.0000**	**0.6131**	**0.6131**	**8.0000e-005**	**0.0000**	**0.6153**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9200e-003	0.0453	0.0836	1.3000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	11.5362	11.5362	3.7300e-003	0.0000	11.6294
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.9200e-003**	**0.0453**	**0.0836**	**1.3000e-004**		**2.2000e-004**	**2.2000e-004**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**11.5362**	**11.5362**	**3.7300e-003**	**0.0000**	**11.6294**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8800e-003	1.3300e-003	1.0000e-005	9.4400e-003	0.0000	9.4400e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.6131	0.6131	8.0000e-005	0.0000	0.6153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.8800e-003**	**1.3300e-003**	**1.0000e-005**	**9.4400e-003**	**0.0000**	**9.4400e-003**	**9.4000e-004**	**0.0000**	**9.4000e-004**	**0.0000**	**0.6131**	**0.6131**	**8.0000e-005**	**0.0000**	**0.6153**

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	tons/yr										MT/yr					
Off-Road	4.5600e-003	0.0392	0.0500	1.2000e-004		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	10.5330	10.5330	3.4100e-003	0.0000	10.6182
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.0392**	**0.0500**	**1.2000e-004**		**1.5400e-003**	**1.5400e-003**		**1.4200e-003**	**1.4200e-003**	**0.0000**	**10.5330**	**10.5330**	**3.4100e-003**	**0.0000**	**10.6182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3700e-003	1.2100e-003	1.0000e-005	0.0201	0.0000	0.0201	2.0100e-003	0.0000	2.0100e-003	0.0000	0.5598	0.5598	8.0000e-005	0.0000	0.5618
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3700e-003**	**1.2100e-003**	**1.0000e-005**	**0.0201**	**0.0000**	**0.0201**	**2.0100e-003**	**0.0000**	**2.0100e-003**	**0.0000**	**0.5598**	**0.5598**	**8.0000e-005**	**0.0000**	**0.5618**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7500e-003	0.0414	0.0763	1.2000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	10.5330	10.5330	3.4100e-003	0.0000	10.6182
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.7500e-003**	**0.0414**	**0.0763**	**1.2000e-004**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**10.5330**	**10.5330**	**3.4100e-003**	**0.0000**	**10.6182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3700e-003	1.2100e-003	1.0000e-005	8.6200e-003	0.0000	8.6200e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.5598	0.5598	8.0000e-005	0.0000	0.5618
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3700e-003**	**1.2100e-003**	**1.0000e-005**	**8.6200e-003**	**0.0000**	**8.6200e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.5598**	**0.5598**	**8.0000e-005**	**0.0000**	**0.5618**

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	tons/yr										MT/yr					
Off-Road	4.1500e-003	0.0323	0.0497	1.2000e-004		1.2800e-003	1.2800e-003		1.1800e-003	1.1800e-003	0.0000	10.5348	10.5348	3.4100e-003	0.0000	10.6199
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.1500e-003**	**0.0323**	**0.0497**	**1.2000e-004**		**1.2800e-003**	**1.2800e-003**		**1.1800e-003**	**1.1800e-003**	**0.0000**	**10.5348**	**10.5348**	**3.4100e-003**	**0.0000**	**10.6199**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3300e-003	1.1600e-003	1.0000e-005	0.0201	0.0000	0.0201	2.0100e-003	0.0000	2.0100e-003	0.0000	0.5534	0.5534	7.0000e-005	0.0000	0.5553
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3300e-003**	**1.1600e-003**	**1.0000e-005**	**0.0201**	**0.0000**	**0.0201**	**2.0100e-003**	**0.0000**	**2.0100e-003**	**0.0000**	**0.5534**	**0.5534**	**7.0000e-005**	**0.0000**	**0.5553**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7500e-003	0.0414	0.0763	1.2000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	10.5347	10.5347	3.4100e-003	0.0000	10.6199
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.7500e-003**	**0.0414**	**0.0763**	**1.2000e-004**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**10.5347**	**10.5347**	**3.4100e-003**	**0.0000**	**10.6199**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3300e-003	1.1600e-003	1.0000e-005	8.6200e-003	0.0000	8.6200e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.5534	0.5534	7.0000e-005	0.0000	0.5553
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3300e-003**	**1.1600e-003**	**1.0000e-005**	**8.6200e-003**	**0.0000**	**8.6200e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.5534**	**0.5534**	**7.0000e-005**	**0.0000**	**0.5553**

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	tons/yr										MT/yr					
Off-Road	4.5500e-003	0.0354	0.0544	1.3000e-004		1.4100e-003	1.4100e-003		1.2900e-003	1.2900e-003	0.0000	11.5381	11.5381	3.7300e-003	0.0000	11.6314
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5500e-003**	**0.0354**	**0.0544**	**1.3000e-004**		**1.4100e-003**	**1.4100e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**11.5381**	**11.5381**	**3.7300e-003**	**0.0000**	**11.6314**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8300e-003	1.2700e-003	1.0000e-005	0.0220	0.0000	0.0220	2.2000e-003	0.0000	2.2000e-003	0.0000	0.6061	0.6061	8.0000e-005	0.0000	0.6081
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.8300e-003**	**1.2700e-003**	**1.0000e-005**	**0.0220**	**0.0000**	**0.0220**	**2.2000e-003**	**0.0000**	**2.2000e-003**	**0.0000**	**0.6061**	**0.6061**	**8.0000e-005**	**0.0000**	**0.6081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9200e-003	0.0453	0.0836	1.3000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	11.5381	11.5381	3.7300e-003	0.0000	11.6313
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.9200e-003**	**0.0453**	**0.0836**	**1.3000e-004**		**2.2000e-004**	**2.2000e-004**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**11.5381**	**11.5381**	**3.7300e-003**	**0.0000**	**11.6313**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8300e-003	1.2700e-003	1.0000e-005	9.4400e-003	0.0000	9.4400e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.6061	0.6061	8.0000e-005	0.0000	0.6081
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.8300e-003**	**1.2700e-003**	**1.0000e-005**	**9.4400e-003**	**0.0000**	**9.4400e-003**	**9.4000e-004**	**0.0000**	**9.4000e-004**	**0.0000**	**0.6061**	**0.6061**	**8.0000e-005**	**0.0000**	**0.6081**

CalEEMod Version: CalEEMod.2016.3.1 Date: 10/6/2017 8:08 AM

South Village Non-Residential -LEA

San Diego County, Annual

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	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	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	0.00	10.50
tblGrading	AcresOfGrading	1.00	0.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,920.00
tblLandUse	LandUseSquareFeet	0.00	1,920.00

tblLandUse	LotAcreage	0.00	0.80
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	PhaseName		Park 1- Building Construction
tblOffRoadEquipment	PhaseName		Park 1- Landscaping
tblOffRoadEquipment	PhaseName		Swim Club South - Building Construction
tblOffRoadEquipment	PhaseName		Swim Club South - Landscaping
tblOffRoadEquipment	UsageHours	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
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	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
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tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
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tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
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tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2023

tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
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tblTripsAndVMT	VendorTripLength	7.30	0.15
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tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
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
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	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00

tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	1.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.0579	0.2483	0.3377	5.2000e-004	0.0712	9.2600e-003	0.0805	7.2900e-003	8.7400e-003	0.0160	0.0000	43.9846	43.9846	0.0110	0.0000	44.2599
2026	0.0530	0.1996	0.2750	4.2000e-004	0.0573	7.3300e-003	0.0646	6.2800e-003	6.9500e-003	0.0132	0.0000	35.3089	35.3089	8.2300e-003	0.0000	35.5148
Maximum	**0.0579**	**0.2483**	**0.3377**	**5.2000e-004**	**0.0712**	**9.2600e-003**	**0.0805**	**7.2900e-003**	**8.7400e-003**	**0.0160**	**0.0000**	**43.9846**	**43.9846**	**0.0110**	**0.0000**	**44.2599**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.0579	0.2483	0.3377	5.2000e-004	0.0305	9.2600e-003	0.0398	3.1100e-003	8.7400e-003	0.0119	0.0000	43.9846	43.9846	0.0110	0.0000	44.2599
2026	0.0530	0.1996	0.2750	4.2000e-004	0.0243	7.3300e-003	0.0316	2.6400e-003	6.9500e-003	9.5900e-003	0.0000	35.3089	35.3089	8.2300e-003	0.0000	35.5147
Maximum	**0.0579**	**0.2483**	**0.3377**	**5.2000e-004**	**0.0305**	**9.2600e-003**	**0.0398**	**3.1100e-003**	**8.7400e-003**	**0.0119**	**0.0000**	**43.9846**	**43.9846**	**0.0110**	**0.0000**	**44.2599**

	ROG	**NOx**	**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**	**57.35**	**0.00**	**50.79**	**57.63**	**0.00**	**26.68**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
14	**1-1-2025**	**3-31-2025**	0.1814	0.1814
15	**4-1-2025**	**6-30-2025**	0.1087	0.1087
18	**1-1-2026**	**3-31-2026**	0.1331	0.1331
19	**4-1-2026**	**6-30-2026**	0.0960	0.0960
		Highest	0.1814	0.1814

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0660	1.3100e-003	0.0849	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4453	1.4783	9.6000e-004	8.0000e-005	1.5266
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0660**	**1.3100e-003**	**0.0849**	**1.4000e-004**	**0.0000**	**0.0109**	**0.0109**	**0.0000**	**0.0109**	**0.0109**	**1.0330**	**0.4453**	**1.4783**	**9.6000e-004**	**8.0000e-005**	**1.5266**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0660	1.3100e-003	0.0849	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4453	1.4783	9.6000e-004	8.0000e-005	1.5266
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0660**	**1.3100e-003**	**0.0849**	**1.4000e-004**	**0.0000**	**0.0109**	**0.0109**	**0.0000**	**0.0109**	**0.0109**	**1.0330**	**0.4453**	**1.4783**	**9.6000e-004**	**8.0000e-005**	**1.5266**

	ROG	**NOx**	**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	Cranes	0	0.00	231	0.29
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	Cranes	0	0.00	231	0.29
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	Graders	0	0.00	187	0.41
Swim Club South - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club South - Landscaping	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Swim Club South - Architectural Coating	Air Compressors	1	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
Park 1- Site Preparation	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Grading	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Building Construction	3	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1 - Architectural Coating	1	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Landscaping	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Paving	7	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Site Prep	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Grading	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Building Construction	3	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Landscaping	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club South - Architectural Coating	1	0.00	4.00	0.00	10.80	0.15	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	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	**4.4000e-004**	**4.7900e-003**	**3.8200e-003**	**1.0000e-005**	**2.7000e-004**	**1.7000e-004**	**4.4000e-004**	**3.0000e-005**	**1.5000e-004**	**1.8000e-004**	**0.0000**	**0.8548**	**0.8548**	**2.8000e-004**	**0.0000**	**0.8618**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	2.0000e-004	4.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0211	0.0211	0.0000	0.0000	0.0212
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**2.0000e-004**	**4.0000e-005**	**0.0000**	**7.9000e-004**	**0.0000**	**7.9000e-004**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.0211**	**0.0211**	**0.0000**	**0.0000**	**0.0212**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	**4.4000e-004**	**4.7900e-003**	**3.8200e-003**	**1.0000e-005**	**1.0000e-004**	**1.7000e-004**	**2.7000e-004**	**1.0000e-005**	**1.5000e-004**	**1.6000e-004**	**0.0000**	**0.8548**	**0.8548**	**2.8000e-004**	**0.0000**	**0.8618**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	2.0000e-004	4.0000e-005	0.0000	3.4000e-004	0.0000	3.4000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0211	0.0211	0.0000	0.0000	0.0212
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**2.0000e-004**	**4.0000e-005**	**0.0000**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0211**	**0.0211**	**0.0000**	**0.0000**	**0.0212**

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	tons/yr										MT/yr					
Fugitive Dust					3.8000e-004	0.0000	3.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	2.5500e-003	3.6800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	0.5212	0.5212	9.0000e-005	0.0000	0.5236
Total	**2.9000e-004**	**2.5500e-003**	**3.6800e-003**	**1.0000e-005**	**3.8000e-004**	**1.1000e-004**	**4.9000e-004**	**2.1000e-004**	**1.0000e-004**	**3.1000e-004**	**0.0000**	**0.5212**	**0.5212**	**9.0000e-005**	**0.0000**	**0.5236**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	3.9000e-004	0.0000	3.9000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0106	0.0106	0.0000	0.0000	0.0106
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**3.9000e-004**	**0.0000**	**3.9000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.0106**	**0.0106**	**0.0000**	**0.0000**	**0.0106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5000e-004	0.0000	1.5000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	2.5500e-003	3.6800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	0.5212	0.5212	9.0000e-005	0.0000	0.5236
Total	**2.9000e-004**	**2.5500e-003**	**3.6800e-003**	**1.0000e-005**	**1.5000e-004**	**1.1000e-004**	**2.6000e-004**	**8.0000e-005**	**1.0000e-004**	**1.8000e-004**	**0.0000**	**0.5212**	**0.5212**	**9.0000e-005**	**0.0000**	**0.5236**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.7000e-004	0.0000	1.7000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0106	0.0106	0.0000	0.0000	0.0106
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0106**	**0.0106**	**0.0000**	**0.0000**	**0.0106**

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	tons/yr										MT/yr					
Off-Road	0.0178	0.1416	0.2031	2.9000e-004		5.6200e-003	5.6200e-003		5.3000e-003	5.3000e-003	0.0000	24.1596	24.1596	6.0700e-003	0.0000	24.3114
Total	**0.0178**	**0.1416**	**0.2031**	**2.9000e-004**		**5.6200e-003**	**5.6200e-003**		**5.3000e-003**	**5.3000e-003**	**0.0000**	**24.1596**	**24.1596**	**6.0700e-003**	**0.0000**	**24.3114**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	8.2200e-003	1.8000e-003	1.0000e-005	0.0319	0.0000	0.0319	3.1800e-003	0.0000	3.1800e-003	0.0000	0.8556	0.8556	1.1000e-004	0.0000	0.8585
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5000e-004**	**8.2200e-003**	**1.8000e-003**	**1.0000e-005**	**0.0319**	**0.0000**	**0.0319**	**3.1800e-003**	**0.0000**	**3.1800e-003**	**0.0000**	**0.8556**	**0.8556**	**1.1000e-004**	**0.0000**	**0.8585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0178	0.1416	0.2031	2.9000e-004		5.6200e-003	5.6200e-003		5.3000e-003	5.3000e-003	0.0000	24.1595	24.1595	6.0700e-003	0.0000	24.3114
Total	**0.0178**	**0.1416**	**0.2031**	**2.9000e-004**		**5.6200e-003**	**5.6200e-003**		**5.3000e-003**	**5.3000e-003**	**0.0000**	**24.1595**	**24.1595**	**6.0700e-003**	**0.0000**	**24.3114**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	8.2200e-003	1.8000e-003	1.0000e-005	0.0137	0.0000	0.0137	1.3600e-003	0.0000	1.3700e-003	0.0000	0.8556	0.8556	1.1000e-004	0.0000	0.8585
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5000e-004**	**8.2200e-003**	**1.8000e-003**	**1.0000e-005**	**0.0137**	**0.0000**	**0.0137**	**1.3600e-003**	**0.0000**	**1.3700e-003**	**0.0000**	**0.8556**	**0.8556**	**1.1000e-004**	**0.0000**	**0.8585**

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	tons/yr										MT/yr					
Archit. Coating	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7900e-003	0.0120	0.0190	3.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	2.6809	2.6809	1.5000e-004	0.0000	2.6846
Total	**0.0318**	**0.0120**	**0.0190**	**3.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**2.6809**	**2.6809**	**1.5000e-004**	**0.0000**	**2.6846**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1300e-003	4.7000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2218	0.2218	3.0000e-005	0.0000	0.2226
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1300e-003**	**4.7000e-004**	**0.0000**	**8.2600e-003**	**0.0000**	**8.2600e-003**	**8.2000e-004**	**0.0000**	**8.3000e-004**	**0.0000**	**0.2218**	**0.2218**	**3.0000e-005**	**0.0000**	**0.2226**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7900e-003	0.0120	0.0190	3.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	2.6809	2.6809	1.5000e-004	0.0000	2.6846
Total	**0.0318**	**0.0120**	**0.0190**	**3.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**2.6809**	**2.6809**	**1.5000e-004**	**0.0000**	**2.6846**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1300e-003	4.7000e-004	0.0000	3.5400e-003	0.0000	3.5400e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.2218	0.2218	3.0000e-005	0.0000	0.2226
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1300e-003**	**4.7000e-004**	**0.0000**	**3.5400e-003**	**0.0000**	**3.5400e-003**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**0.0000**	**0.2218**	**0.2218**	**3.0000e-005**	**0.0000**	**0.2226**

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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3000e-003	0.0174	0.0303	5.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	4.0011	4.0011	1.2900e-003	0.0000	4.0334
Total	**1.3000e-003**	**0.0174**	**0.0303**	**5.0000e-005**	**0.0000**	**5.3000e-004**	**5.3000e-004**	**0.0000**	**4.9000e-004**	**4.9000e-004**	**0.0000**	**4.0011**	**4.0011**	**1.2900e-003**	**0.0000**	**4.0334**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.2324	0.2324	3.0000e-005	0.0000	0.2332
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**8.6500e-003**	**0.0000**	**8.6500e-003**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**0.0000**	**0.2324**	**0.2324**	**3.0000e-005**	**0.0000**	**0.2332**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3000e-003	0.0174	0.0303	5.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	4.0011	4.0011	1.2900e-003	0.0000	4.0334
Total	**1.3000e-003**	**0.0174**	**0.0303**	**5.0000e-005**	**0.0000**	**5.3000e-004**	**5.3000e-004**	**0.0000**	**4.9000e-004**	**4.9000e-004**	**0.0000**	**4.0011**	**4.0011**	**1.2900e-003**	**0.0000**	**4.0334**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	3.7100e-003	0.0000	3.7100e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.2324	0.2324	3.0000e-005	0.0000	0.2332
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**3.7100e-003**	**0.0000**	**3.7100e-003**	**3.7000e-004**	**0.0000**	**3.7000e-004**	**0.0000**	**0.2324**	**0.2324**	**3.0000e-005**	**0.0000**	**0.2332**

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	tons/yr										MT/yr					
Off-Road	5.9200e-003	0.0517	0.0738	1.2000e-004		2.3000e-003	2.3000e-003		2.1500e-003	2.1500e-003	0.0000	9.8709	9.8709	2.8800e-003	0.0000	9.9428
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.9200e-003**	**0.0517**	**0.0738**	**1.2000e-004**		**2.3000e-003**	**2.3000e-003**		**2.1500e-003**	**2.1500e-003**	**0.0000**	**9.8709**	**9.8709**	**2.8800e-003**	**0.0000**	**9.9428**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3300e-003	1.1600e-003	1.0000e-005	0.0207	0.0000	0.0207	2.0600e-003	0.0000	2.0600e-003	0.0000	0.5546	0.5546	7.0000e-005	0.0000	0.5564
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3300e-003**	**1.1600e-003**	**1.0000e-005**	**0.0207**	**0.0000**	**0.0207**	**2.0600e-003**	**0.0000**	**2.0600e-003**	**0.0000**	**0.5546**	**0.5546**	**7.0000e-005**	**0.0000**	**0.5564**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.9200e-003	0.0517	0.0738	1.2000e-004		2.3000e-003	2.3000e-003		2.1500e-003	2.1500e-003	0.0000	9.8709	9.8709	2.8800e-003	0.0000	9.9428
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.9200e-003**	**0.0517**	**0.0738**	**1.2000e-004**		**2.3000e-003**	**2.3000e-003**		**2.1500e-003**	**2.1500e-003**	**0.0000**	**9.8709**	**9.8709**	**2.8800e-003**	**0.0000**	**9.9428**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.3300e-003	1.1600e-003	1.0000e-005	8.8500e-003	0.0000	8.8500e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	0.5546	0.5546	7.0000e-005	0.0000	0.5564
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-004**	**5.3300e-003**	**1.1600e-003**	**1.0000e-005**	**8.8500e-003**	**0.0000**	**8.8500e-003**	**8.8000e-004**	**0.0000**	**8.9000e-004**	**0.0000**	**0.5546**	**0.5546**	**7.0000e-005**	**0.0000**	**0.5564**

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	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	**4.4000e-004**	**4.7900e-003**	**3.8200e-003**	**1.0000e-005**	**2.7000e-004**	**1.7000e-004**	**4.4000e-004**	**3.0000e-005**	**1.5000e-004**	**1.8000e-004**	**0.0000**	**0.8548**	**0.8548**	**2.8000e-004**	**0.0000**	**0.8618**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	2.0000e-004	4.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0209	0.0209	0.0000	0.0000	0.0210
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**2.0000e-004**	**4.0000e-005**	**0.0000**	**7.9000e-004**	**0.0000**	**7.9000e-004**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.0209**	**0.0209**	**0.0000**	**0.0000**	**0.0210**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	**4.4000e-004**	**4.7900e-003**	**3.8200e-003**	**1.0000e-005**	**1.0000e-004**	**1.7000e-004**	**2.7000e-004**	**1.0000e-005**	**1.5000e-004**	**1.6000e-004**	**0.0000**	**0.8548**	**0.8548**	**2.8000e-004**	**0.0000**	**0.8618**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	2.0000e-004	4.0000e-005	0.0000	3.4000e-004	0.0000	3.4000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0209	0.0209	0.0000	0.0000	0.0210
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**2.0000e-004**	**4.0000e-005**	**0.0000**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0209**	**0.0209**	**0.0000**	**0.0000**	**0.0210**

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	tons/yr										MT/yr					
Fugitive Dust					1.1300e-003	0.0000	1.1300e-003	6.2000e-004	0.0000	6.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.6000e-004	7.6500e-003	0.0111	2.0000e-005		3.2000e-004	3.2000e-004		3.0000e-004	3.0000e-004	0.0000	1.5637	1.5637	2.8000e-004	0.0000	1.5707
Total	**8.6000e-004**	**7.6500e-003**	**0.0111**	**2.0000e-005**	**1.1300e-003**	**3.2000e-004**	**1.4500e-003**	**6.2000e-004**	**3.0000e-004**	**9.2000e-004**	**0.0000**	**1.5637**	**1.5637**	**2.8000e-004**	**0.0000**	**1.5707**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	6.0000e-005	0.0000	1.1800e-003	0.0000	1.1800e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0313	0.0313	0.0000	0.0000	0.0314
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-005**	**3.0000e-004**	**6.0000e-005**	**0.0000**	**1.1800e-003**	**0.0000**	**1.1800e-003**	**1.2000e-004**	**0.0000**	**1.2000e-004**	**0.0000**	**0.0313**	**0.0313**	**0.0000**	**0.0000**	**0.0314**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.4000e-004	0.0000	4.4000e-004	2.4000e-004	0.0000	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.6000e-004	7.6500e-003	0.0111	2.0000e-005		3.2000e-004	3.2000e-004		3.0000e-004	3.0000e-004	0.0000	1.5637	1.5637	2.8000e-004	0.0000	1.5707
Total	**8.6000e-004**	**7.6500e-003**	**0.0111**	**2.0000e-005**	**4.4000e-004**	**3.2000e-004**	**7.6000e-004**	**2.4000e-004**	**3.0000e-004**	**5.4000e-004**	**0.0000**	**1.5637**	**1.5637**	**2.8000e-004**	**0.0000**	**1.5707**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	6.0000e-005	0.0000	5.1000e-004	0.0000	5.1000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0313	0.0313	0.0000	0.0000	0.0314
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.0000e-005**	**3.0000e-004**	**6.0000e-005**	**0.0000**	**5.1000e-004**	**0.0000**	**5.1000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0313**	**0.0313**	**0.0000**	**0.0000**	**0.0314**

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	tons/yr										MT/yr					
Off-Road	0.0178	0.1416	0.2031	2.9000e-004		5.6200e-003	5.6200e-003		5.3000e-003	5.3000e-003	0.0000	24.1596	24.1596	6.0700e-003	0.0000	24.3114
Total	**0.0178**	**0.1416**	**0.2031**	**2.9000e-004**		**5.6200e-003**	**5.6200e-003**		**5.3000e-003**	**5.3000e-003**	**0.0000**	**24.1596**	**24.1596**	**6.0700e-003**	**0.0000**	**24.3114**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	8.1500e-003	1.7400e-003	1.0000e-005	0.0319	0.0000	0.0319	3.1800e-003	0.0000	3.1800e-003	0.0000	0.8461	0.8461	1.1000e-004	0.0000	0.8488
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5000e-004**	**8.1500e-003**	**1.7400e-003**	**1.0000e-005**	**0.0319**	**0.0000**	**0.0319**	**3.1800e-003**	**0.0000**	**3.1800e-003**	**0.0000**	**0.8461**	**0.8461**	**1.1000e-004**	**0.0000**	**0.8488**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0178	0.1416	0.2031	2.9000e-004		5.6200e-003	5.6200e-003		5.3000e-003	5.3000e-003	0.0000	24.1595	24.1595	6.0700e-003	0.0000	24.3114
Total	**0.0178**	**0.1416**	**0.2031**	**2.9000e-004**		**5.6200e-003**	**5.6200e-003**		**5.3000e-003**	**5.3000e-003**	**0.0000**	**24.1595**	**24.1595**	**6.0700e-003**	**0.0000**	**24.3114**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	8.1500e-003	1.7400e-003	1.0000e-005	0.0137	0.0000	0.0137	1.3600e-003	0.0000	1.3700e-003	0.0000	0.8461	0.8461	1.1000e-004	0.0000	0.8488
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5000e-004**	**8.1500e-003**	**1.7400e-003**	**1.0000e-005**	**0.0137**	**0.0000**	**0.0137**	**1.3600e-003**	**0.0000**	**1.3700e-003**	**0.0000**	**0.8461**	**0.8461**	**1.1000e-004**	**0.0000**	**0.8488**

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	tons/yr										MT/yr					
Fugitive Dust					5.5700e-003	0.0000	5.5700e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2500e-003	0.0166	0.0290	4.0000e-005		5.0000e-004	5.0000e-004		4.6000e-004	4.6000e-004	0.0000	3.8192	3.8192	1.2400e-003	0.0000	3.8501
Total	**1.2500e-003**	**0.0166**	**0.0290**	**4.0000e-005**	**5.5700e-003**	**5.0000e-004**	**6.0700e-003**	**6.0000e-004**	**4.6000e-004**	**1.0600e-003**	**0.0000**	**3.8192**	**3.8192**	**1.2400e-003**	**0.0000**	**3.8501**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1100e-003**	**4.5000e-004**	**0.0000**	**8.2600e-003**	**0.0000**	**8.2600e-003**	**8.2000e-004**	**0.0000**	**8.3000e-004**	**0.0000**	**0.2194**	**0.2194**	**3.0000e-005**	**0.0000**	**0.2201**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1700e-003	0.0000	2.1700e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2500e-003	0.0166	0.0290	4.0000e-005		5.0000e-004	5.0000e-004		4.6000e-004	4.6000e-004	0.0000	3.8192	3.8192	1.2400e-003	0.0000	3.8501
Total	**1.2500e-003**	**0.0166**	**0.0290**	**4.0000e-005**	**2.1700e-003**	**5.0000e-004**	**2.6700e-003**	**2.3000e-004**	**4.6000e-004**	**6.9000e-004**	**0.0000**	**3.8192**	**3.8192**	**1.2400e-003**	**0.0000**	**3.8501**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	3.5400e-003	0.0000	3.5400e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1100e-003**	**4.5000e-004**	**0.0000**	**3.5400e-003**	**0.0000**	**3.5400e-003**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**0.0000**	**0.2194**	**0.2194**	**3.0000e-005**	**0.0000**	**0.2201**

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	tons/yr										MT/yr					
Archit. Coating	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3900e-003	0.0160	0.0253	4.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	3.5746	3.5746	1.9000e-004	0.0000	3.5794
Total	**0.0324**	**0.0160**	**0.0253**	**4.0000e-005**		**7.2000e-004**	**7.2000e-004**		**7.2000e-004**	**7.2000e-004**	**0.0000**	**3.5746**	**3.5746**	**1.9000e-004**	**0.0000**	**3.5794**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1100e-003**	**4.5000e-004**	**0.0000**	**8.2600e-003**	**0.0000**	**8.2600e-003**	**8.2000e-004**	**0.0000**	**8.3000e-004**	**0.0000**	**0.2194**	**0.2194**	**3.0000e-005**	**0.0000**	**0.2201**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3900e-003	0.0160	0.0253	4.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	3.5746	3.5746	1.9000e-004	0.0000	3.5794
Total	**0.0324**	**0.0160**	**0.0253**	**4.0000e-005**		**7.2000e-004**	**7.2000e-004**		**7.2000e-004**	**7.2000e-004**	**0.0000**	**3.5746**	**3.5746**	**1.9000e-004**	**0.0000**	**3.5794**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	3.5400e-003	0.0000	3.5400e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1100e-003**	**4.5000e-004**	**0.0000**	**3.5400e-003**	**0.0000**	**3.5400e-003**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**0.0000**	**0.2194**	**0.2194**	**3.0000e-005**	**0.0000**	**0.2201**

CalEEMod Version: CalEEMod.2016.3.1 Date: 10/6/2017 8:20 AM

South Village Residential - LEA

San Diego County, Annual

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	86,338.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	74,347.00
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tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	259,014.00
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tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
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tblGrading	AcresOfGrading	10.50	11.00
tblGrading	AcresOfGrading	10.50	11.00
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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.6324	0.4859	0.5248	9.2000e-004	0.0782	0.0214	0.0996	7.9000e-003	0.0203	0.0282	0.0000	79.4844	79.4844	0.0177	0.0000	79.9277
2024	1.7705	1.0113	1.2661	2.1200e-003	0.1927	0.0417	0.2343	0.0194	0.0396	0.0590	0.0000	184.6400	184.6400	0.0410	0.0000	185.6655
2025	1.3205	0.8140	1.1445	1.8900e-003	0.1609	0.0306	0.1915	0.0162	0.0291	0.0453	0.0000	163.9170	163.9170	0.0364	0.0000	164.8262
Maximum	**1.7705**	**1.0113**	**1.2661**	**2.1200e-003**	**0.1927**	**0.0417**	**0.2343**	**0.0194**	**0.0396**	**0.0590**	**0.0000**	**184.6400**	**184.6400**	**0.0410**	**0.0000**	**185.6655**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.6016	0.3599	0.5877	9.2000e-004	0.0331	3.2400e-003	0.0363	3.3400e-003	3.2300e-003	6.5700e-003	0.0000	79.4843	79.4843	0.0177	0.0000	79.9276
2024	1.7099	0.8612	1.3914	2.1200e-003	0.0820	7.4700e-003	0.0894	8.2400e-003	7.4700e-003	0.0157	0.0000	184.6398	184.6398	0.0410	0.0000	185.6653
2025	1.2747	0.7726	1.2499	1.8900e-003	0.0686	6.6200e-003	0.0752	6.8800e-003	6.6200e-003	0.0135	0.0000	163.9168	163.9168	0.0364	0.0000	164.8260
Maximum	**1.7099**	**0.8612**	**1.3914**	**2.1200e-003**	**0.0820**	**7.4700e-003**	**0.0894**	**8.2400e-003**	**7.4700e-003**	**0.0157**	**0.0000**	**184.6398**	**184.6398**	**0.0410**	**0.0000**	**185.6653**

	ROG	**NOx**	**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	**3.68**	**13.73**	**-10.00**	**0.00**	**57.49**	**81.49**	**61.77**	**57.51**	**80.52**	**72.97**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	8-1-2023	10-31-2023	0.2210	0.1509
2	11-1-2023	1-31-2024	0.9350	0.8473
3	2-1-2024	4-30-2024	0.9214	0.8529
4	5-1-2024	7-31-2024	0.3967	0.3872
5	8-1-2024	10-31-2024	0.5410	0.4790
6	11-1-2024	1-31-2025	0.9260	0.8580
7	2-1-2025	4-30-2025	0.8967	0.8516
8	5-1-2025	7-31-2025	0.3584	0.3578
9	8-1-2025	9-30-2025	0.4539	0.4116
		Highest	0.9350	0.8580

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4200e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4200e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4200e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4200e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

	ROG	**NOx**	**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 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	5	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT

P6 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	4	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating (mo. 1)	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	4	0.00	2.00	0.00	10.80	0.15	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	tons/yr										MT/yr					
Fugitive Dust					6.1000e-003	0.0000	6.1000e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0136	0.1365	0.1116	2.2000e-004		6.3600e-003	6.3600e-003		5.9900e-003	5.9900e-003	0.0000	19.2179	19.2179	4.2900e-003	0.0000	19.3252
Total	**0.0136**	**0.1365**	**0.1116**	**2.2000e-004**	**6.1000e-003**	**6.3600e-003**	**0.0125**	**6.6000e-004**	**5.9900e-003**	**6.6500e-003**	**0.0000**	**19.2179**	**19.2179**	**4.2900e-003**	**0.0000**	**19.3252**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.3700e-003	5.6000e-004	0.0000	8.8000e-003	0.0000	8.8000e-003	8.8000e-004	0.0000	8.8000e-004	0.0000	0.2483	0.2483	4.0000e-005	0.0000	0.2492
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.0000e-005**	**2.3700e-003**	**5.6000e-004**	**0.0000**	**8.8000e-003**	**0.0000**	**8.8000e-003**	**8.8000e-004**	**0.0000**	**8.8000e-004**	**0.0000**	**0.2483**	**0.2483**	**4.0000e-005**	**0.0000**	**0.2492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3800e-003	0.0000	2.3800e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0900e-003	0.0773	0.1344	2.2000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	19.2178	19.2178	4.2900e-003	0.0000	19.3252
Total	**4.0900e-003**	**0.0773**	**0.1344**	**2.2000e-004**	**2.3800e-003**	**8.3000e-004**	**3.2100e-003**	**2.6000e-004**	**8.3000e-004**	**1.0900e-003**	**0.0000**	**19.2178**	**19.2178**	**4.2900e-003**	**0.0000**	**19.3252**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.3700e-003	5.6000e-004	0.0000	3.7700e-003	0.0000	3.7800e-003	3.8000e-004	0.0000	3.8000e-004	0.0000	0.2483	0.2483	4.0000e-005	0.0000	0.2492
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.0000e-005**	**2.3700e-003**	**5.6000e-004**	**0.0000**	**3.7700e-003**	**0.0000**	**3.7800e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.2483**	**0.2483**	**4.0000e-005**	**0.0000**	**0.2492**

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	tons/yr										MT/yr					
Off-Road	8.3600e-003	0.0954	0.1469	2.1000e-004		3.9200e-003	3.9200e-003		3.6100e-003	3.6100e-003	0.0000	18.7332	18.7332	6.0600e-003	0.0000	18.8847
Total	**8.3600e-003**	**0.0954**	**0.1469**	**2.1000e-004**		**3.9200e-003**	**3.9200e-003**		**3.6100e-003**	**3.6100e-003**	**0.0000**	**18.7332**	**18.7332**	**6.0600e-003**	**0.0000**	**18.8847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.7100e-003	1.5900e-003	1.0000e-005	0.0249	0.0000	0.0249	2.4900e-003	0.0000	2.4900e-003	0.0000	0.7017	0.7017	1.0000e-004	0.0000	0.7042
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.7100e-003**	**1.5900e-003**	**1.0000e-005**	**0.0249**	**0.0000**	**0.0249**	**2.4900e-003**	**0.0000**	**2.4900e-003**	**0.0000**	**0.7017**	**0.7017**	**1.0000e-004**	**0.0000**	**0.7042**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7332	18.7332	6.0600e-003	0.0000	18.8847
Total	**4.7900e-003**	**0.0931**	**0.1610**	**2.1000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**18.7332**	**18.7332**	**6.0600e-003**	**0.0000**	**18.8847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.7100e-003	1.5900e-003	1.0000e-005	0.0107	0.0000	0.0107	1.0700e-003	0.0000	1.0700e-003	0.0000	0.7017	0.7017	1.0000e-004	0.0000	0.7042
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.7100e-003**	**1.5900e-003**	**1.0000e-005**	**0.0107**	**0.0000**	**0.0107**	**1.0700e-003**	**0.0000**	**1.0700e-003**	**0.0000**	**0.7017**	**0.7017**	**1.0000e-004**	**0.0000**	**0.7042**

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	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6387	14.6387	8.8000e-004	0.0000	14.6606
Total	**0.5946**	**0.0747**	**0.1038**	**1.7000e-004**		**4.0600e-003**	**4.0600e-003**		**4.0600e-003**	**4.0600e-003**	**0.0000**	**14.6387**	**14.6387**	**8.8000e-004**	**0.0000**	**14.6606**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.4400e-003	1.0500e-003	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4642	0.4642	7.0000e-005	0.0000	0.4659
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**4.4400e-003**	**1.0500e-003**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4642**	**0.4642**	**7.0000e-005**	**0.0000**	**0.4659**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.8000e-004	0.0000	14.6605
Total	**0.5867**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.8000e-004**	**0.0000**	**14.6605**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.4400e-003	1.0500e-003	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4642	0.4642	7.0000e-005	0.0000	0.4659
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**4.4400e-003**	**1.0500e-003**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4642**	**0.4642**	**7.0000e-005**	**0.0000**	**0.4659**

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	tons/yr										MT/yr					
Fugitive Dust					5.8300e-003	0.0000	5.8300e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1247	0.1019	2.0000e-004		5.8100e-003	5.8100e-003		5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	**0.0124**	**0.1247**	**0.1019**	**2.0000e-004**	**5.8300e-003**	**5.8100e-003**	**0.0116**	**6.3000e-004**	**5.4700e-003**	**6.1000e-003**	**0.0000**	**17.5467**	**17.5467**	**3.9200e-003**	**0.0000**	**17.6448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1700e-003	5.1000e-004	0.0000	8.0400e-003	0.0000	8.0400e-003	8.0000e-004	0.0000	8.0000e-004	0.0000	0.2267	0.2267	3.0000e-005	0.0000	0.2275
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1700e-003**	**5.1000e-004**	**0.0000**	**8.0400e-003**	**0.0000**	**8.0400e-003**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**0.2267**	**0.2267**	**3.0000e-005**	**0.0000**	**0.2275**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7300e-003	0.0706	0.1227	2.0000e-004		7.6000e-004	7.6000e-004		7.6000e-004	7.6000e-004	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	**3.7300e-003**	**0.0706**	**0.1227**	**2.0000e-004**	**2.2700e-003**	**7.6000e-004**	**3.0300e-003**	**2.5000e-004**	**7.6000e-004**	**1.0100e-003**	**0.0000**	**17.5467**	**17.5467**	**3.9200e-003**	**0.0000**	**17.6448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1700e-003	5.1000e-004	0.0000	3.4500e-003	0.0000	3.4500e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.2267	0.2267	3.0000e-005	0.0000	0.2275
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1700e-003**	**5.1000e-004**	**0.0000**	**3.4500e-003**	**0.0000**	**3.4500e-003**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**0.0000**	**0.2267**	**0.2267**	**3.0000e-005**	**0.0000**	**0.2275**

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	tons/yr										MT/yr					
Off-Road	3.0900e-003	0.0367	0.0564	9.0000e-005		1.2400e-003	1.2400e-003		1.1500e-003	1.1500e-003	0.0000	7.4803	7.4803	2.3100e-003	0.0000	7.5381
Total	**3.0900e-003**	**0.0367**	**0.0564**	**9.0000e-005**		**1.2400e-003**	**1.2400e-003**		**1.1500e-003**	**1.1500e-003**	**0.0000**	**7.4803**	**7.4803**	**2.3100e-003**	**0.0000**	**7.5381**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1700e-003	5.1000e-004	0.0000	8.0400e-003	0.0000	8.0400e-003	8.0000e-004	0.0000	8.0000e-004	0.0000	0.2267	0.2267	3.0000e-005	0.0000	0.2275
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1700e-003**	**5.1000e-004**	**0.0000**	**8.0400e-003**	**0.0000**	**8.0400e-003**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**0.2267**	**0.2267**	**3.0000e-005**	**0.0000**	**0.2275**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8800e-003	0.0403	0.0604	9.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	7.4802	7.4802	2.3100e-003	0.0000	7.5381
Total	**1.8800e-003**	**0.0403**	**0.0604**	**9.0000e-005**		**1.0600e-003**	**1.0600e-003**		**1.0600e-003**	**1.0600e-003**	**0.0000**	**7.4802**	**7.4802**	**2.3100e-003**	**0.0000**	**7.5381**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1700e-003	5.1000e-004	0.0000	3.4500e-003	0.0000	3.4500e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.2267	0.2267	3.0000e-005	0.0000	0.2275
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1700e-003**	**5.1000e-004**	**0.0000**	**3.4500e-003**	**0.0000**	**3.4500e-003**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**0.0000**	**0.2267**	**0.2267**	**3.0000e-005**	**0.0000**	**0.2275**

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	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7369	18.7369	6.0600e-003	0.0000	18.8884
Total	**8.0100e-003**	**0.0910**	**0.1471**	**2.1000e-004**		**3.5000e-003**	**3.5000e-003**		**3.2200e-003**	**3.2200e-003**	**0.0000**	**18.7369**	**18.7369**	**6.0600e-003**	**0.0000**	**18.8884**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.6500e-003	1.5000e-003	1.0000e-005	0.0249	0.0000	0.0249	2.4900e-003	0.0000	2.4900e-003	0.0000	0.6931	0.6931	1.0000e-004	0.0000	0.6955
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.6500e-003**	**1.5000e-003**	**1.0000e-005**	**0.0249**	**0.0000**	**0.0249**	**2.4900e-003**	**0.0000**	**2.4900e-003**	**0.0000**	**0.6931**	**0.6931**	**1.0000e-004**	**0.0000**	**0.6955**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7368	18.7368	6.0600e-003	0.0000	18.8883
Total	**4.7900e-003**	**0.0931**	**0.1610**	**2.1000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**18.7368**	**18.7368**	**6.0600e-003**	**0.0000**	**18.8883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.6500e-003	1.5000e-003	1.0000e-005	0.0107	0.0000	0.0107	1.0700e-003	0.0000	1.0700e-003	0.0000	0.6931	0.6931	1.0000e-004	0.0000	0.6955
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.6500e-003**	**1.5000e-003**	**1.0000e-005**	**0.0107**	**0.0000**	**0.0107**	**1.0700e-003**	**0.0000**	**1.0700e-003**	**0.0000**	**0.6931**	**0.6931**	**1.0000e-004**	**0.0000**	**0.6955**

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	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0699	0.1038	1.7000e-004		3.4900e-003	3.4900e-003		3.4900e-003	3.4900e-003	0.0000	14.6387	14.6387	8.2000e-004	0.0000	14.6593
Total	**0.5940**	**0.0699**	**0.1038**	**1.7000e-004**		**3.4900e-003**	**3.4900e-003**		**3.4900e-003**	**3.4900e-003**	**0.0000**	**14.6387**	**14.6387**	**8.2000e-004**	**0.0000**	**14.6593**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4000e-003	9.9000e-004	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4585	0.4585	6.0000e-005	0.0000	0.4601
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4000e-003**	**9.9000e-004**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4601**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.2000e-004	0.0000	14.6592
Total	**0.5867**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.2000e-004**	**0.0000**	**14.6592**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4000e-003	9.9000e-004	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4585	0.4585	6.0000e-005	0.0000	0.4601
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4000e-003**	**9.9000e-004**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4601**

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	tons/yr										MT/yr					
Fugitive Dust					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**5.3000e-003**	**5.6300e-003**	**0.0109**	**5.7000e-004**	**5.2900e-003**	**5.8600e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0700e-003	0.0000	2.0700e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**2.0700e-003**	**8.0000e-004**	**2.8700e-003**	**2.2000e-004**	**8.0000e-004**	**1.0200e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	8.1300e-003	0.0924	0.1493	2.2000e-004		3.5500e-003	3.5500e-003		3.2700e-003	3.2700e-003	0.0000	19.0251	19.0251	6.1500e-003	0.0000	19.1789
Total	**8.1300e-003**	**0.0924**	**0.1493**	**2.2000e-004**		**3.5500e-003**	**3.5500e-003**		**3.2700e-003**	**3.2700e-003**	**0.0000**	**19.0251**	**19.0251**	**6.1500e-003**	**0.0000**	**19.1789**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.7500e-003	1.5300e-003	1.0000e-005	0.0253	0.0000	0.0253	2.5200e-003	0.0000	2.5300e-003	0.0000	0.7038	0.7038	1.0000e-004	0.0000	0.7062
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.7500e-003**	**1.5300e-003**	**1.0000e-005**	**0.0253**	**0.0000**	**0.0253**	**2.5200e-003**	**0.0000**	**2.5300e-003**	**0.0000**	**0.7038**	**0.7038**	**1.0000e-004**	**0.0000**	**0.7062**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0251	19.0251	6.1500e-003	0.0000	19.1789
Total	**4.8600e-003**	**0.0945**	**0.1634**	**2.2000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**19.0251**	**19.0251**	**6.1500e-003**	**0.0000**	**19.1789**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.7500e-003	1.5300e-003	1.0000e-005	0.0108	0.0000	0.0108	1.0800e-003	0.0000	1.0800e-003	0.0000	0.7038	0.7038	1.0000e-004	0.0000	0.7062
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.7500e-003**	**1.5300e-003**	**1.0000e-005**	**0.0108**	**0.0000**	**0.0108**	**1.0800e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**0.7038**	**0.7038**	**1.0000e-004**	**0.0000**	**0.7062**

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	tons/yr										MT/yr					
Archit. Coating	0.5002					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.0731	0.1086	1.8000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003	0.0000	15.3195	15.3195	8.6000e-004	0.0000	15.3411
Total	**0.5111**	**0.0731**	**0.1086**	**1.8000e-004**		**3.6500e-003**	**3.6500e-003**		**3.6500e-003**	**3.6500e-003**	**0.0000**	**15.3195**	**15.3195**	**8.6000e-004**	**0.0000**	**15.3411**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.6100e-003	1.0400e-003	0.0000	0.0172	0.0000	0.0172	1.7200e-003	0.0000	1.7200e-003	0.0000	0.4799	0.4799	7.0000e-005	0.0000	0.4815
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**4.6100e-003**	**1.0400e-003**	**0.0000**	**0.0172**	**0.0000**	**0.0172**	**1.7200e-003**	**0.0000**	**1.7200e-003**	**0.0000**	**0.4799**	**0.4799**	**7.0000e-005**	**0.0000**	**0.4815**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5002					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2700e-003	0.0636	0.1099	1.8000e-004		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	15.3195	15.3195	8.6000e-004	0.0000	15.3411
Total	**0.5035**	**0.0636**	**0.1099**	**1.8000e-004**		**2.4000e-004**	**2.4000e-004**		**2.4000e-004**	**2.4000e-004**	**0.0000**	**15.3195**	**15.3195**	**8.6000e-004**	**0.0000**	**15.3411**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.6100e-003	1.0400e-003	0.0000	7.3900e-003	0.0000	7.3900e-003	7.4000e-004	0.0000	7.4000e-004	0.0000	0.4799	0.4799	7.0000e-005	0.0000	0.4815
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**4.6100e-003**	**1.0400e-003**	**0.0000**	**7.3900e-003**	**0.0000**	**7.3900e-003**	**7.4000e-004**	**0.0000**	**7.4000e-004**	**0.0000**	**0.4799**	**0.4799**	**7.0000e-005**	**0.0000**	**0.4815**

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	tons/yr										MT/yr					
Fugitive Dust					6.1000e-003	0.0000	6.1000e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**6.1000e-003**	**5.6300e-003**	**0.0117**	**6.6000e-004**	**5.2900e-003**	**5.9500e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3800e-003	0.0000	2.3800e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**2.3800e-003**	**8.0000e-004**	**3.1800e-003**	**2.6000e-004**	**8.0000e-004**	**1.0600e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7369	18.7369	6.0600e-003	0.0000	18.8884
Total	**8.0100e-003**	**0.0910**	**0.1471**	**2.1000e-004**		**3.5000e-003**	**3.5000e-003**		**3.2200e-003**	**3.2200e-003**	**0.0000**	**18.7369**	**18.7369**	**6.0600e-003**	**0.0000**	**18.8884**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.6500e-003	1.5000e-003	1.0000e-005	0.0249	0.0000	0.0249	2.4900e-003	0.0000	2.4900e-003	0.0000	0.6931	0.6931	1.0000e-004	0.0000	0.6955
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.6500e-003**	**1.5000e-003**	**1.0000e-005**	**0.0249**	**0.0000**	**0.0249**	**2.4900e-003**	**0.0000**	**2.4900e-003**	**0.0000**	**0.6931**	**0.6931**	**1.0000e-004**	**0.0000**	**0.6955**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7368	18.7368	6.0600e-003	0.0000	18.8883
Total	**4.7900e-003**	**0.0931**	**0.1610**	**2.1000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**18.7368**	**18.7368**	**6.0600e-003**	**0.0000**	**18.8883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	6.6500e-003	1.5000e-003	1.0000e-005	0.0107	0.0000	0.0107	1.0700e-003	0.0000	1.0700e-003	0.0000	0.6931	0.6931	1.0000e-004	0.0000	0.6955
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**6.6500e-003**	**1.5000e-003**	**1.0000e-005**	**0.0107**	**0.0000**	**0.0107**	**1.0700e-003**	**0.0000**	**1.0700e-003**	**0.0000**	**0.6931**	**0.6931**	**1.0000e-004**	**0.0000**	**0.6955**

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	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0699	0.1038	1.7000e-004		3.4900e-003	3.4900e-003		3.4900e-003	3.4900e-003	0.0000	14.6387	14.6387	8.2000e-004	0.0000	14.6593
Total	**0.5940**	**0.0699**	**0.1038**	**1.7000e-004**		**3.4900e-003**	**3.4900e-003**		**3.4900e-003**	**3.4900e-003**	**0.0000**	**14.6387**	**14.6387**	**8.2000e-004**	**0.0000**	**14.6593**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4000e-003	9.9000e-004	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4585	0.4585	6.0000e-005	0.0000	0.4601
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4000e-003**	**9.9000e-004**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4601**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.2000e-004	0.0000	14.6592
Total	**0.5867**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.2000e-004**	**0.0000**	**14.6592**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4000e-003	9.9000e-004	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4585	0.4585	6.0000e-005	0.0000	0.4601
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4000e-003**	**9.9000e-004**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4601**

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	tons/yr										MT/yr					
Fugitive Dust					5.5700e-003	0.0000	5.5700e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**5.5700e-003**	**5.6300e-003**	**0.0112**	**6.0000e-004**	**5.2900e-003**	**5.8900e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1700e-003	0.0000	2.1700e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**2.1700e-003**	**8.0000e-004**	**2.9700e-003**	**2.3000e-004**	**8.0000e-004**	**1.0300e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2500e-003	5.1000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2346	0.2346	3.0000e-005	0.0000	0.2354
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2500e-003**	**5.1000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2346**	**0.2346**	**3.0000e-005**	**0.0000**	**0.2354**

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	tons/yr										MT/yr					
Off-Road	7.3300e-003	0.0838	0.1445	2.1000e-004		2.8900e-003	2.8900e-003		2.6500e-003	2.6500e-003	0.0000	18.4564	18.4564	5.9700e-003	0.0000	18.6057
Total	**7.3300e-003**	**0.0838**	**0.1445**	**2.1000e-004**		**2.8900e-003**	**2.8900e-003**		**2.6500e-003**	**2.6500e-003**	**0.0000**	**18.4564**	**18.4564**	**5.9700e-003**	**0.0000**	**18.6057**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.4900e-003	1.4200e-003	1.0000e-005	0.0245	0.0000	0.0245	2.4500e-003	0.0000	2.4500e-003	0.0000	0.6746	0.6746	9.0000e-005	0.0000	0.6769
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.4900e-003**	**1.4200e-003**	**1.0000e-005**	**0.0245**	**0.0000**	**0.0245**	**2.4500e-003**	**0.0000**	**2.4500e-003**	**0.0000**	**0.6746**	**0.6746**	**9.0000e-005**	**0.0000**	**0.6769**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7100e-003	0.0917	0.1585	2.1000e-004		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	18.4564	18.4564	5.9700e-003	0.0000	18.6057
Total	**4.7100e-003**	**0.0917**	**0.1585**	**2.1000e-004**		**3.4000e-004**	**3.4000e-004**		**3.4000e-004**	**3.4000e-004**	**0.0000**	**18.4564**	**18.4564**	**5.9700e-003**	**0.0000**	**18.6057**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.4900e-003	1.4200e-003	1.0000e-005	0.0105	0.0000	0.0105	1.0500e-003	0.0000	1.0500e-003	0.0000	0.6746	0.6746	9.0000e-005	0.0000	0.6769
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.4900e-003**	**1.4200e-003**	**1.0000e-005**	**0.0105**	**0.0000**	**0.0105**	**1.0500e-003**	**0.0000**	**1.0500e-003**	**0.0000**	**0.6746**	**0.6746**	**9.0000e-005**	**0.0000**	**0.6769**

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	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	**0.5934**	**0.0657**	**0.1037**	**1.7000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**	**0.0000**	**14.6387**	**14.6387**	**8.0000e-004**	**0.0000**	**14.6586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4533	0.4533	6.0000e-005	0.0000	0.4548
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.3600e-003**	**9.5000e-004**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4533**	**0.4533**	**6.0000e-005**	**0.0000**	**0.4548**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	**0.5867**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.0000e-004**	**0.0000**	**14.6586**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4533	0.4533	6.0000e-005	0.0000	0.4548
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.3600e-003**	**9.5000e-004**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4533**	**0.4533**	**6.0000e-005**	**0.0000**	**0.4548**

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	tons/yr										MT/yr					
Fugitive Dust					5.8300e-003	0.0000	5.8300e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0113	0.1099	0.1052	2.1000e-004		4.9100e-003	4.9100e-003		4.6200e-003	4.6200e-003	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**0.0113**	**0.1099**	**0.1052**	**2.1000e-004**	**5.8300e-003**	**4.9100e-003**	**0.0107**	**6.3000e-004**	**4.6200e-003**	**5.2500e-003**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2319	0.2319	3.0000e-005	0.0000	0.2327
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2319**	**0.2319**	**3.0000e-005**	**0.0000**	**0.2327**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**2.2700e-003**	**8.0000e-004**	**3.0700e-003**	**2.5000e-004**	**8.0000e-004**	**1.0500e-003**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2319	0.2319	3.0000e-005	0.0000	0.2327
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2319**	**0.2319**	**3.0000e-005**	**0.0000**	**0.2327**

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	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**3.0200e-003**	**0.0356**	**0.0589**	**9.0000e-005**		**1.0800e-003**	**1.0800e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	8.4200e-003	0.0000	8.4200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.2319	0.2319	3.0000e-005	0.0000	0.2327
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**8.4200e-003**	**0.0000**	**8.4200e-003**	**8.4000e-004**	**0.0000**	**8.4000e-004**	**0.0000**	**0.2319**	**0.2319**	**3.0000e-005**	**0.0000**	**0.2327**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2300e-003	4.9000e-004	0.0000	3.6100e-003	0.0000	3.6100e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2319	0.2319	3.0000e-005	0.0000	0.2327
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.2300e-003**	**4.9000e-004**	**0.0000**	**3.6100e-003**	**0.0000**	**3.6100e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.2319**	**0.2319**	**3.0000e-005**	**0.0000**	**0.2327**

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	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**7.5600e-003**	**0.0864**	**0.1490**	**2.2000e-004**		**2.9800e-003**	**2.9800e-003**		**2.7400e-003**	**2.7400e-003**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.6900e-003	1.4600e-003	1.0000e-005	0.0253	0.0000	0.0253	2.5200e-003	0.0000	2.5300e-003	0.0000	0.6957	0.6957	9.0000e-005	0.0000	0.6980
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.6900e-003**	**1.4600e-003**	**1.0000e-005**	**0.0253**	**0.0000**	**0.0253**	**2.5200e-003**	**0.0000**	**2.5300e-003**	**0.0000**	**0.6957**	**0.6957**	**9.0000e-005**	**0.0000**	**0.6980**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**4.8600e-003**	**0.0945**	**0.1634**	**2.2000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.6900e-003	1.4600e-003	1.0000e-005	0.0108	0.0000	0.0108	1.0800e-003	0.0000	1.0800e-003	0.0000	0.6957	0.6957	9.0000e-005	0.0000	0.6980
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.6900e-003**	**1.4600e-003**	**1.0000e-005**	**0.0108**	**0.0000**	**0.0108**	**1.0800e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**0.6957**	**0.6957**	**9.0000e-005**	**0.0000**	**0.6980**

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	tons/yr										MT/yr					
Archit. Coating	0.4308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0100	0.0672	0.1061	1.7000e-004		3.0200e-003	3.0200e-003		3.0200e-003	3.0200e-003	0.0000	14.9791	14.9791	8.2000e-004	0.0000	14.9995
Total	**0.4408**	**0.0672**	**0.1061**	**1.7000e-004**		**3.0200e-003**	**3.0200e-003**		**3.0200e-003**	**3.0200e-003**	**0.0000**	**14.9791**	**14.9791**	**8.2000e-004**	**0.0000**	**14.9995**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4600e-003	9.8000e-004	0.0000	0.0168	0.0000	0.0168	1.6800e-003	0.0000	1.6800e-003	0.0000	0.4638	0.4638	6.0000e-005	0.0000	0.4654
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4600e-003**	**9.8000e-004**	**0.0000**	**0.0168**	**0.0000**	**0.0168**	**1.6800e-003**	**0.0000**	**1.6800e-003**	**0.0000**	**0.4638**	**0.4638**	**6.0000e-005**	**0.0000**	**0.4654**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-003	0.0622	0.1075	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.9791	14.9791	8.2000e-004	0.0000	14.9995
Total	**0.4340**	**0.0622**	**0.1075**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.9791**	**14.9791**	**8.2000e-004**	**0.0000**	**14.9995**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4600e-003	9.8000e-004	0.0000	7.2200e-003	0.0000	7.2200e-003	7.2000e-004	0.0000	7.2000e-004	0.0000	0.4638	0.4638	6.0000e-005	0.0000	0.4654
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.4600e-003**	**9.8000e-004**	**0.0000**	**7.2200e-003**	**0.0000**	**7.2200e-003**	**7.2000e-004**	**0.0000**	**7.2000e-004**	**0.0000**	**0.4638**	**0.4638**	**6.0000e-005**	**0.0000**	**0.4654**

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	tons/yr										MT/yr					
Fugitive Dust					5.8300e-003	0.0000	5.8300e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.1049	0.1004	2.0000e-004		4.6900e-003	4.6900e-003		4.4100e-003	4.4100e-003	0.0000	17.5422	17.5422	3.8900e-003	0.0000	17.6394
Total	**0.0108**	**0.1049**	**0.1004**	**2.0000e-004**	**5.8300e-003**	**4.6900e-003**	**0.0105**	**6.3000e-004**	**4.4100e-003**	**5.0400e-003**	**0.0000**	**17.5422**	**17.5422**	**3.8900e-003**	**0.0000**	**17.6394**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	8.0400e-003	0.0000	8.0400e-003	8.0000e-004	0.0000	8.0000e-004	0.0000	0.1107	0.1107	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0700e-003**	**2.3000e-004**	**0.0000**	**8.0400e-003**	**0.0000**	**8.0400e-003**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**0.1107**	**0.1107**	**1.0000e-005**	**0.0000**	**0.1111**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7300e-003	0.0706	0.1227	2.0000e-004		7.6000e-004	7.6000e-004		7.6000e-004	7.6000e-004	0.0000	17.5421	17.5421	3.8900e-003	0.0000	17.6393
Total	**3.7300e-003**	**0.0706**	**0.1227**	**2.0000e-004**	**2.2700e-003**	**7.6000e-004**	**3.0300e-003**	**2.5000e-004**	**7.6000e-004**	**1.0100e-003**	**0.0000**	**17.5421**	**17.5421**	**3.8900e-003**	**0.0000**	**17.6393**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	3.4500e-003	0.0000	3.4500e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.1107	0.1107	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0700e-003**	**2.3000e-004**	**0.0000**	**3.4500e-003**	**0.0000**	**3.4500e-003**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**0.0000**	**0.1107**	**0.1107**	**1.0000e-005**	**0.0000**	**0.1111**

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	tons/yr										MT/yr					
Off-Road	2.8800e-003	0.0340	0.0562	9.0000e-005		1.0300e-003	1.0300e-003		9.6000e-004	9.6000e-004	0.0000	7.4792	7.4792	2.3100e-003	0.0000	7.5371
Total	**2.8800e-003**	**0.0340**	**0.0562**	**9.0000e-005**		**1.0300e-003**	**1.0300e-003**		**9.6000e-004**	**9.6000e-004**	**0.0000**	**7.4792**	**7.4792**	**2.3100e-003**	**0.0000**	**7.5371**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1300e-003	4.7000e-004	0.0000	8.0400e-003	0.0000	8.0400e-003	8.0000e-004	0.0000	8.0000e-004	0.0000	0.2214	0.2214	3.0000e-005	0.0000	0.2221
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1300e-003**	**4.7000e-004**	**0.0000**	**8.0400e-003**	**0.0000**	**8.0400e-003**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**0.2214**	**0.2214**	**3.0000e-005**	**0.0000**	**0.2221**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8800e-003	0.0403	0.0604	9.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	7.4792	7.4792	2.3100e-003	0.0000	7.5370
Total	**1.8800e-003**	**0.0403**	**0.0604**	**9.0000e-005**		**1.0600e-003**	**1.0600e-003**		**1.0600e-003**	**1.0600e-003**	**0.0000**	**7.4792**	**7.4792**	**2.3100e-003**	**0.0000**	**7.5370**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1300e-003	4.7000e-004	0.0000	3.4500e-003	0.0000	3.4500e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.2214	0.2214	3.0000e-005	0.0000	0.2221
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.1300e-003**	**4.7000e-004**	**0.0000**	**3.4500e-003**	**0.0000**	**3.4500e-003**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**0.0000**	**0.2214**	**0.2214**	**3.0000e-005**	**0.0000**	**0.2221**

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	tons/yr										MT/yr					
Off-Road	7.4400e-003	0.0851	0.1467	2.1000e-004		2.9300e-003	2.9300e-003		2.7000e-003	2.7000e-003	0.0000	18.7448	18.7448	6.0600e-003	0.0000	18.8964
Total	**7.4400e-003**	**0.0851**	**0.1467**	**2.1000e-004**		**2.9300e-003**	**2.9300e-003**		**2.7000e-003**	**2.7000e-003**	**0.0000**	**18.7448**	**18.7448**	**6.0600e-003**	**0.0000**	**18.8964**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3000e-003	7.2000e-004	0.0000	0.0124	0.0000	0.0124	1.2400e-003	0.0000	1.2400e-003	0.0000	0.3426	0.3426	5.0000e-005	0.0000	0.3437
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.3000e-003**	**7.2000e-004**	**0.0000**	**0.0124**	**0.0000**	**0.0124**	**1.2400e-003**	**0.0000**	**1.2400e-003**	**0.0000**	**0.3426**	**0.3426**	**5.0000e-005**	**0.0000**	**0.3437**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7448	18.7448	6.0600e-003	0.0000	18.8964
Total	**4.7900e-003**	**0.0931**	**0.1610**	**2.1000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**18.7448**	**18.7448**	**6.0600e-003**	**0.0000**	**18.8964**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3000e-003	7.2000e-004	0.0000	5.3300e-003	0.0000	5.3300e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.3426	0.3426	5.0000e-005	0.0000	0.3437
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.3000e-003**	**7.2000e-004**	**0.0000**	**5.3300e-003**	**0.0000**	**5.3300e-003**	**5.3000e-004**	**0.0000**	**5.3000e-004**	**0.0000**	**0.3426**	**0.3426**	**5.0000e-005**	**0.0000**	**0.3437**

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	tons/yr										MT/yr					
Archit. Coating	0.2223					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	**0.2321**	**0.0657**	**0.1037**	**1.7000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**	**0.0000**	**14.6387**	**14.6387**	**8.0000e-004**	**0.0000**	**14.6586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0165	0.0000	0.0165	1.6400e-003	0.0000	1.6500e-003	0.0000	0.4533	0.4533	6.0000e-005	0.0000	0.4548
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.3600e-003**	**9.5000e-004**	**0.0000**	**0.0165**	**0.0000**	**0.0165**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**0.0000**	**0.4533**	**0.4533**	**6.0000e-005**	**0.0000**	**0.4548**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2223					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	**0.2254**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.0000e-004**	**0.0000**	**14.6586**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	7.0600e-003	0.0000	7.0600e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	0.4533	0.4533	6.0000e-005	0.0000	0.4548
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.0000e-005**	**4.3600e-003**	**9.5000e-004**	**0.0000**	**7.0600e-003**	**0.0000**	**7.0600e-003**	**7.0000e-004**	**0.0000**	**7.1000e-004**	**0.0000**	**0.4533**	**0.4533**	**6.0000e-005**	**0.0000**	**0.4548**

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	tons/yr										MT/yr					
Off-Road	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	**3.1500e-003**	**0.0372**	**0.0616**	**1.0000e-004**		**1.1300e-003**	**1.1300e-003**		**1.0500e-003**	**1.0500e-003**	**0.0000**	**8.1915**	**8.1915**	**2.5300e-003**	**0.0000**	**8.2549**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.5000e-004	0.0000	4.4000e-003	0.0000	4.4000e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.1212	0.1212	2.0000e-005	0.0000	0.1216
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.1700e-003**	**2.5000e-004**	**0.0000**	**4.4000e-003**	**0.0000**	**4.4000e-003**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**0.1212**	**0.1212**	**2.0000e-005**	**0.0000**	**0.1216**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0600e-003	0.0441	0.0661	1.0000e-004		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	**2.0600e-003**	**0.0441**	**0.0661**	**1.0000e-004**		**1.1600e-003**	**1.1600e-003**		**1.1600e-003**	**1.1600e-003**	**0.0000**	**8.1915**	**8.1915**	**2.5300e-003**	**0.0000**	**8.2549**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.5000e-004	0.0000	1.8900e-003	0.0000	1.8900e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1212	0.1212	2.0000e-005	0.0000	0.1216
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.1700e-003**	**2.5000e-004**	**0.0000**	**1.8900e-003**	**0.0000**	**1.8900e-003**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.1212**	**0.1212**	**2.0000e-005**	**0.0000**	**0.1216**

APPENDIX B

AERMOD Output Files and Cancer Risk Estimates

Proctor Valley Project - Land Exhange Alternative
Unmitigated CalEEMod Run for Health Risk Assessment

Sum By Year							
Phase	**Year**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**
South Village General Construction	**2022**	**0.56**	**0.07**	**0.64**	**0.13**	**0.07**	**0.19**
South Village General Construction	2023	0.05	0.02	0.07	0.01	0.02	0.03
South Village Residential	2023	0.08	0.02	0.10	0.01	0.02	0.03
	2023	**0.13**	**0.04**	**0.17**	**0.01**	**0.04**	**0.05**
South Village General Construction	2024	0.03	0.00	0.03	0.00	0.00	0.01
South Village Residential	2024	0.19	0.04	0.23	0.02	0.04	0.06
	2024	**0.22**	**0.05**	**0.27**	**0.02**	**0.04**	**0.07**
South Village General Construction	2025	0.02	0.00	0.02	0.00	0.00	0.00
South Village Non-Res	2025	0.07	0.01	0.08	0.01	0.01	0.02
South Village Residential	2025	0.16	0.03	0.19	0.02	0.03	0.05
	2025	**0.23**	**0.04**	**0.27**	**0.02**	**0.04**	**0.06**
South Village Non-Res	2026	**0.06**	**0.01**	**0.06**	**0.01**	**0.01**	**0.01**

Proctor Valley Project - Construction Area Source
Annual Exhaust PM10 from Equipment and Haul Trucks

UNMITIGATED TOTAL	0.2096	tons during overall construction	Emissions from CalEEMod 2016.3.1:
	0.0184	tons from rock crusher	
Total	**0.2280**	tons during overall construction	PM10 Exhaust
	455.94	lbs during overall construction	**2022** 0.0731
	121.58	lbs/yr	**2023** 0.0428
	0.069	lbs/hr	**2024** 0.0465
			2025 0.0399
	1760	hours/year	**2026** 0.0073
	220	days/year	***Total*** ***0.2096***
Construction =	45	months	
	3.75	year	
	Sept '22 - May '26		

Proctor Valley Project - Land Exhange Alternative
Mitigated CalEEMod Run for Health Risk Assessment

Sum by Year							
Phase	**Year**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**
South Village General Construction	**2022**	**0.56**	**0.00**	**0.57**	**0.13**	**0.00**	**0.13**
South Village General Construction	2023	0.05	0.00	0.06	0.01	0.00	0.01
South Village Residential	2023	0.03	0.00	0.04	0.00	0.00	0.01
	2023	**0.09**	**0.01**	**0.09**	**0.01**	**0.01**	**0.01**
South Village General Construction	2024	0.03	0.00	0.03	0.00	0.00	0.00
South Village Residential	2024	0.08	0.01	0.09	0.01	0.01	0.02
	2024	**0.11**	**0.01**	**0.12**	**0.01**	**0.01**	**0.02**
South Village General Construction	2025	0.02	0.00	0.02	0.00	0.00	0.00
South Village Non-Res	2025	0.03	0.01	0.04	0.00	0.01	0.01
South Village Residential	2025	0.07	0.01	0.08	0.01	0.01	0.01
	2025	**0.12**	**0.02**	**0.13**	**0.01**	**0.02**	**0.03**
South Village Non-Res	**2026**	**0.02**	**0.01**	**0.03**	**0.00**	**0.01**	**0.01**

Proctor Valley Project - Construction Area Source
Annual Exhaust PM10 from Equipment and Haul Trucks

MITIGATED TOTAL	0.0416	tons during overall construction	Emissions from CalEEMod 2016.3.1:		
	0.0034	tons from rock crusher			
Total	**0.0450**	tons during overall construction		PM10 Exhaust	
	89.96	lbs during overall construction		**2022**	0.0042
	23.99	lbs/yr		**2023**	0.0057
	0.014	lbs/hr		**2024**	0.0081
				2025	0.0163
	1760	hours/year		**2026**	0.0073
	220	days/year		***Total***	***0.0416***
Construction =	45	months			
	3.75	year			
	Sept '22 - May '26				

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**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.5.0
** Lakes Environmental Software Inc.
** Date: 10/13/2017
** File: C:\Lakes\AERMOD View\PV Alt Construction - v2\PV Alt
Construction.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\PV Alt Construction\PV Alt
Construction.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "PV Alt Construction.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   507314.478  3614745.628      181.810
** Source Parameters **
   SRCPARAM PAREA1       2.2678E-06     5.000        13     1.200
   AREAVERT PAREA1       507314.478 3614745.628 507185.132 3614515.680
   AREAVERT PAREA1       507289.841 3614341.166 507579.329 3614324.741
   AREAVERT PAREA1       507585.303 3614090.974 507712.600 3613920.561
   AREAVERT PAREA1       507782.408 3613902.082 507866.588 3613990.369
   AREAVERT PAREA1       507981.566 3613990.369 507989.778 3614320.930
   AREAVERT PAREA1       508098.596 3614366.100 508084.224 3614518.035
   AREAVERT PAREA1       507948.715 3614653.544

** Variable Emissions Type: "By Season / Hour / Day (SHRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
** Winter
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PAREA1       SHRDOW 1.0 1.0 1.0 1.0 0.0 0.0
```

```
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Spring
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PAREA1       SHRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Summer
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PAREA1       SHRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Fall
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PAREA1       SHRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Winter
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Spring
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Summer
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Fall
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
** Winter
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Spring
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Summer
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Fall
```

```
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "PV Alt Construction.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "Met Data\PV Alt Construction.SFC"
   PROFFILE "Met Data\PV Alt Construction.PFL"
   SURFDATA 23188 2010
   UAIRDATA 3190 2010
   PROFBASE 55.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "PV Alt Construction.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "PV Alt Construction.AD\PE00GALL.PLT" 32
   SUMMFILE "PV Alt Construction.sum"
OU FINISHED

 ************************************
 *** SETUP Finishes Successfully ***
 ************************************
```

```
 *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\PV Alt
Construction\PV Alt Construction.isc     ***        10/13/17
 *** AERMET - VERSION  15181 ***   ***
***        12:04:55

PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                                ***     MODEL SETUP OPTIONS
SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.

 **Other Options Specified:
         CCVR_Sub - Meteorological data includes CCVR substitutions
         TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:      1 Source(s);       1 Source Group(s); and
1276 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.
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 **The AERMET Input Meteorological Data Version Date:  15181

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting
(PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values
(SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for
Calm Hours
                                                                  m for
Missing Hours
                                                                  b for
Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    55.00 ;
Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC
;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Detailed Error/Message File:   PV Alt Construction.err
 **File for Summary of Results:   PV Alt Construction.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
PAREA1	0	0.22678E-05	507314.5	3614745.6	181.8	5.00	13	1.20	NO	SHRDOW

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 ,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

505287.9, 505537.9, 505787.9, 506037.9, 506287.9, 506537.9, 506787.9, 507037.9, 507287.9, 507537.9,
507787.9, 508037.9, 508287.9, 508537.9, 508787.9, 509037.9, 509287.9, 509537.9,

*** Y-COORDINATES OF GRID ***
(METERS)

3612568.9, 3612818.9, 3613068.9, 3613318.9, 3613568.9, 3613818.9, 3614068.9, 3614318.9, 3614568.9, 3614818.9,
3615068.9, 3615318.9, 3615568.9, 3615818.9, 3616068.9, 3616318.9, 3616568.9, 3616818.9,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)	505287.89	505537.89	505787.89	506037.89	506287.89	506537.89	506787.89	507037.89	507287.89
3616818.95	549.00	480.60	500.10	458.10	434.90	412.80	488.90	458.90	446.00	
3616568.95	506.90	433.10	416.80	380.10	364.40	414.30	410.70	371.00	393.50	
3616318.95	491.90	435.90	359.70	325.90	318.90	346.40	328.60	311.10	317.80	
3616068.95	408.90	409.80	349.50	304.40	306.80	286.20	254.60	261.50	247.60	
3615818.95	326.40	312.70	299.40	287.50	281.70	256.10	245.40	243.20	236.10	
3615568.95	293.80	278.30	276.60	265.20	255.90	243.50	244.40	225.70	202.40	
3615318.95	250.70	249.50	254.90	250.30	248.80	239.90	224.00	196.50	181.50	
3615068.95	244.50	243.60	243.70	244.90	240.70	221.90	201.10	184.30	180.50	
3614818.95	237.40	231.00	229.30	229.40	221.10	199.90	183.30	173.20	180.50	
3614568.95	233.50	220.50	216.00	213.80	203.40	190.80	173.80	175.20	183.40	
3614318.95	224.20	204.10	195.40	196.00	192.10	182.70	165.60	180.60	189.50	
3614068.95	206.10	184.10	184.40	187.50	186.20	168.50	170.20	186.10	200.10	
3613818.95	199.70	185.90	183.00	185.40	179.20	155.30	173.60	193.80	218.80	
3613568.95	193.90	184.20	179.50	181.60	158.80	152.70	177.60	214.00	234.80	
3613318.95	190.70	186.30	166.20	153.20	152.00	152.70	200.50	240.30	244.90	
3613068.95	187.60	184.60	170.40	152.00	152.00	164.30	232.20	243.50	300.70	

3612818.95 | 185.60 184.70 178.10 152.70
152.00 183.60 233.80 233.80 277.30
3612568.95 | 184.00 183.90 166.20 152.00
152.00 175.80 183.00 212.40 247.40

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 507537.89	507787.89	508037.89	508287.89	508537.89	508787.89	509037.89	509287.89	509537.89
3616818.95	386.60	334.40	274.10	244.40	252.30	261.80	289.40	311.00	322.00
3616568.95	328.30	275.30	242.20	243.20	244.10	254.80	293.10	325.90	366.00
3616318.95	276.80	243.40	233.70	240.00	243.30	254.50	288.70	306.50	365.50
3616068.95	233.80	219.70	229.40	238.20	243.10	244.80	289.00	341.60	386.70
3615818.95	210.90	214.50	230.40	241.00	244.80	264.60	302.70	335.00	405.00
3615568.95	196.90	216.00	236.00	242.80	248.00	268.00	297.70	318.50	362.40
3615318.95	189.60	219.70	242.40	244.70	248.30	265.70	295.20	311.20	365.80
3615068.95	191.10	214.20	237.00	244.00	244.00	263.70	318.40	368.50	414.60
3614818.95	188.60	214.20	233.30	243.10	250.20	271.00	302.40	309.60	336.70
3614568.95	199.00	222.00	238.90	247.80	284.30	299.70	309.90	315.40	310.70
3614318.95	208.80	230.70	242.90	279.40	322.40	347.20	362.50	386.40	380.00
3614068.95	223.70	240.40	255.50	287.00	314.20	381.50	424.70	430.90	429.50
3613818.95	238.10	255.50	283.00	304.50	356.30	413.60	488.50	480.00	487.80
3613568.95	256.10	287.90	308.30	350.00	409.40	480.50	544.80	505.50	432.40
3613318.95	291.10	339.70	364.70	408.70	473.10	496.90	547.80	448.90	366.00
3613068.95	309.80	329.10	380.40	449.00	483.70	428.90	463.90	424.50	363.50

3612818.95 | 303.10 283.50 337.10 410.00 414.60 362.40 392.00 355.20 330.80
3612568.95 | 244.90 242.20 295.20 350.60 338.80 314.00 321.40 307.90 305.70

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 505287.89	505537.89	505787.89	506037.89	506287.89	506537.89	506787.89	507037.89	507287.89
3616818.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3616568.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3616318.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3616068.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3615818.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3615568.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3615318.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3615068.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3614818.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3614568.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3614318.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3614068.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3613818.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3613568.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3613318.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3613068.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00

3612818.95 | 782.00 782.00 782.00 782.00
782.00 782.00 782.00 782.00 782.00
3612568.95 | 782.00 782.00 782.00 782.00
782.00 782.00 782.00 782.00 782.00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 507537.89	507787.89	508037.89	508287.89	508537.89	508787.89	509037.89	509287.89	509537.89
3616818.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3616568.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3616318.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3616068.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3615818.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	610.00
3615568.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3615318.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	610.00
3615068.95	782.00	782.00	782.00	782.00	782.00	782.00	610.00	610.00	610.00
3614818.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	610.00
3614568.95	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00	782.00
3614318.95	782.00	782.00	782.00	782.00	782.00	782.00	610.00	610.00	610.00
3614068.95	782.00	782.00	782.00	782.00	782.00	595.00	595.00	595.00	595.00
3613818.95	782.00	782.00	782.00	782.00	595.00	595.00	549.00	549.00	595.00
3613568.95	782.00	782.00	782.00	595.00	549.00	549.00	549.00	549.00	595.00
3613318.95	782.00	549.00	549.00	549.00	549.00	549.00	547.80	595.00	595.00
3613068.95	549.00	595.00	549.00	549.00	549.00	595.00	549.00	595.00	595.00

3612818.95 | 595.00 595.00 595.00 549.00
549.00 595.00 595.00 595.00 595.00
3612568.95 | 782.00 782.00 595.00 595.00
595.00 595.00 595.00 595.00 595.00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(506189.7, 3613721.1, 183.3, 782.0, 0.0); (506207.5, 3613685.2, 180.7, 782.0, 0.0);
(505750.1, 3614222.5, 191.1, 782.0, 0.0); (505775.1, 3614222.5, 190.9, 782.0, 0.0);
(505800.1, 3614222.5, 190.9, 782.0, 0.0); (505825.1, 3614222.5, 191.0, 782.0, 0.0);
(505750.1, 3614247.5, 192.6, 782.0, 0.0); (505775.1, 3614247.5, 192.3, 782.0, 0.0);
(505800.1, 3614247.5, 192.2, 782.0, 0.0); (505825.1, 3614247.5, 192.2, 782.0, 0.0);
(505850.1, 3614247.5, 192.2, 782.0, 0.0); (505750.1, 3614272.5, 194.2, 782.0, 0.0);
(505775.1, 3614272.5, 193.4, 782.0, 0.0); (505800.1, 3614272.5, 193.4, 782.0, 0.0);
(505825.1, 3614272.5, 193.6, 782.0, 0.0); (505850.1, 3614272.5, 193.8, 782.0, 0.0);
(505750.1, 3614297.5, 195.7, 782.0, 0.0); (505775.1, 3614297.5, 194.6, 782.0, 0.0);
(505800.1, 3614297.5, 194.6, 782.0, 0.0); (505825.1, 3614297.5, 195.0, 782.0, 0.0);
(505850.1, 3614297.5, 195.3, 782.0, 0.0); (505875.1, 3614297.5, 195.5, 782.0, 0.0);
(505750.1, 3614322.5, 197.2, 782.0, 0.0); (505775.1, 3614322.5, 195.8, 782.0, 0.0);
(505800.1, 3614322.5, 195.8, 782.0, 0.0); (505825.1, 3614322.5, 196.3, 782.0, 0.0);
(505850.1, 3614322.5, 196.9, 782.0, 0.0); (505875.1, 3614322.5, 197.1, 782.0, 0.0);
(505750.1, 3614347.5, 199.2, 782.0, 0.0); (505775.1, 3614347.5, 197.8, 782.0, 0.0);
(505800.1, 3614347.5, 197.7, 782.0, 0.0); (505825.1, 3614347.5, 198.2, 782.0, 0.0);
(505850.1, 3614347.5, 198.8, 782.0, 0.0); (505875.1, 3614347.5, 199.0, 782.0, 0.0);
(505900.1, 3614347.5, 199.0, 782.0, 0.0); (505800.1, 3614372.5, 200.5, 782.0, 0.0);
(505825.1, 3614372.5, 200.8, 782.0, 0.0); (505850.1, 3614372.5, 201.0, 782.0, 0.0);
(505875.1, 3614372.5, 201.1, 782.0, 0.0); (505900.1, 3614372.5, 201.1, 782.0, 0.0);

(505925.1, 3614372.5, 201.1, 782.0, 0.0); (
505800.1, 3614397.5, 203.3, 782.0, 0.0);
(505825.1, 3614397.5, 203.3, 782.0, 0.0); (
505850.1, 3614397.5, 203.3, 782.0, 0.0);
(505875.1, 3614397.5, 203.3, 782.0, 0.0); (
505900.1, 3614397.5, 203.3, 782.0, 0.0);
(505925.1, 3614397.5, 203.3, 782.0, 0.0); (
505800.1, 3614422.5, 206.1, 782.0, 0.0);
(505825.1, 3614422.5, 205.8, 782.0, 0.0); (
505850.1, 3614422.5, 205.6, 782.0, 0.0);
(505875.1, 3614422.5, 205.5, 782.0, 0.0); (
505900.1, 3614422.5, 205.5, 782.0, 0.0);
(505925.1, 3614422.5, 205.5, 782.0, 0.0); (
505800.1, 3614447.5, 208.0, 782.0, 0.0);
(505825.1, 3614447.5, 207.7, 782.0, 0.0); (
505850.1, 3614447.5, 207.4, 782.0, 0.0);
(505875.1, 3614447.5, 207.2, 782.0, 0.0); (
505900.1, 3614447.5, 207.2, 782.0, 0.0);
(505925.1, 3614447.5, 207.2, 782.0, 0.0); (
505825.1, 3614472.5, 209.3, 782.0, 0.0);
(505850.1, 3614472.5, 209.0, 782.0, 0.0); (
505875.1, 3614472.5, 208.9, 782.0, 0.0);
(505900.1, 3614472.5, 208.9, 782.0, 0.0); (
505925.1, 3614472.5, 208.9, 782.0, 0.0);
(505950.1, 3614472.5, 208.7, 782.0, 0.0); (
505975.1, 3614472.5, 208.4, 782.0, 0.0);
(506075.1, 3614472.5, 206.3, 782.0, 0.0); (
506100.1, 3614472.5, 205.6, 782.0, 0.0);
(506125.1, 3614472.5, 204.5, 782.0, 0.0); (
506150.1, 3614472.5, 203.4, 782.0, 0.0);
(505825.1, 3614497.5, 210.9, 782.0, 0.0); (
505850.1, 3614497.5, 210.6, 782.0, 0.0);
(505875.1, 3614497.5, 210.5, 782.0, 0.0); (
505900.1, 3614497.5, 210.5, 782.0, 0.0);
(505925.1, 3614497.5, 210.5, 782.0, 0.0); (
505950.1, 3614497.5, 210.3, 782.0, 0.0);
(505975.1, 3614497.5, 210.0, 782.0, 0.0); (
506075.1, 3614497.5, 208.3, 782.0, 0.0);
(506100.1, 3614497.5, 207.7, 782.0, 0.0); (
506125.1, 3614497.5, 206.3, 782.0, 0.0);
(506150.1, 3614497.5, 204.9, 782.0, 0.0); (
505850.1, 3614522.5, 212.2, 782.0, 0.0);
(505875.1, 3614522.5, 212.1, 782.0, 0.0); (
505900.1, 3614522.5, 212.1, 782.0, 0.0);
(505925.1, 3614522.5, 212.1, 782.0, 0.0); (
505950.1, 3614522.5, 211.9, 782.0, 0.0);
(505975.1, 3614522.5, 211.6, 782.0, 0.0); (
506075.1, 3614522.5, 210.3, 782.0, 0.0);
(506100.1, 3614522.5, 209.7, 782.0, 0.0); (
506125.1, 3614522.5, 208.2, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(506150.1, 3614522.5, 206.6, 782.0, 0.0); (505850.1, 3614547.5, 213.9, 782.0, 0.0);
(505875.1, 3614547.5, 213.7, 782.0, 0.0); (505900.1, 3614547.5, 213.6, 782.0, 0.0);
(505925.1, 3614547.5, 213.5, 782.0, 0.0); (505950.1, 3614547.5, 213.3, 782.0, 0.0);
(505975.1, 3614547.5, 213.1, 782.0, 0.0); (506000.1, 3614547.5, 212.9, 782.0, 0.0);
(506025.1, 3614547.5, 212.6, 782.0, 0.0); (506050.1, 3614547.5, 212.3, 782.0, 0.0);
(506075.1, 3614547.5, 212.0, 782.0, 0.0); (506100.1, 3614547.5, 211.4, 782.0, 0.0);
(506125.1, 3614547.5, 210.1, 782.0, 0.0); (506150.1, 3614547.5, 208.8, 782.0, 0.0);
(505875.1, 3614572.5, 215.2, 782.0, 0.0); (505900.1, 3614572.5, 215.1, 782.0, 0.0);
(505925.1, 3614572.5, 214.9, 782.0, 0.0); (505950.1, 3614572.5, 214.7, 782.0, 0.0);
(505975.1, 3614572.5, 214.6, 782.0, 0.0); (506000.1, 3614572.5, 214.4, 782.0, 0.0);
(506025.1, 3614572.5, 214.2, 782.0, 0.0); (506050.1, 3614572.5, 213.9, 782.0, 0.0);
(506075.1, 3614572.5, 213.6, 782.0, 0.0); (506100.1, 3614572.5, 213.1, 782.0, 0.0);
(506125.1, 3614572.5, 212.0, 782.0, 0.0); (506150.1, 3614572.5, 211.0, 782.0, 0.0);
(505875.1, 3614597.5, 216.8, 782.0, 0.0); (505900.1, 3614597.5, 216.5, 782.0, 0.0);
(505925.1, 3614597.5, 216.3, 782.0, 0.0); (505950.1, 3614597.5, 216.1, 782.0, 0.0);
(505975.1, 3614597.5, 216.1, 782.0, 0.0); (506000.1, 3614597.5, 216.0, 782.0, 0.0);
(506025.1, 3614597.5, 215.9, 782.0, 0.0); (506050.1, 3614597.5, 215.5, 782.0, 0.0);
(506075.1, 3614597.5, 215.2, 782.0, 0.0); (506100.1, 3614597.5, 214.8, 782.0, 0.0);
(506125.1, 3614597.5, 214.0, 782.0, 0.0); (506150.1, 3614597.5, 213.2, 782.0, 0.0);
(505900.1, 3614622.5, 218.0, 782.0, 0.0); (505925.1, 3614622.5, 217.7, 782.0, 0.0);

(505950.1, 3614622.5, 217.5, 782.0, 0.0); (
505975.1, 3614622.5, 217.5, 782.0, 0.0);
(506000.1, 3614622.5, 217.5, 782.0, 0.0); (
506025.1, 3614622.5, 217.4, 782.0, 0.0);
(506050.1, 3614622.5, 217.1, 782.0, 0.0); (
506075.1, 3614622.5, 216.8, 782.0, 0.0);
(506100.1, 3614622.5, 216.4, 782.0, 0.0); (
506125.1, 3614622.5, 215.8, 782.0, 0.0);
(506150.1, 3614622.5, 215.2, 782.0, 0.0); (
505900.1, 3614647.5, 219.3, 782.0, 0.0);
(505925.1, 3614647.5, 219.0, 782.0, 0.0); (
505950.1, 3614647.5, 218.8, 782.0, 0.0);
(505975.1, 3614647.5, 218.8, 782.0, 0.0); (
506000.1, 3614647.5, 218.8, 782.0, 0.0);
(506025.1, 3614647.5, 218.8, 782.0, 0.0); (
506050.1, 3614647.5, 218.6, 782.0, 0.0);
(506075.1, 3614647.5, 218.4, 782.0, 0.0); (
506100.1, 3614647.5, 218.1, 782.0, 0.0);
(506125.1, 3614647.5, 217.4, 782.0, 0.0); (
506150.1, 3614647.5, 216.8, 782.0, 0.0);
(505900.1, 3614672.5, 220.7, 782.0, 0.0); (
505925.1, 3614672.5, 220.4, 782.0, 0.0);
(505950.1, 3614672.5, 220.2, 782.0, 0.0); (
505975.1, 3614672.5, 220.2, 782.0, 0.0);
(506000.1, 3614672.5, 220.2, 782.0, 0.0); (
506025.1, 3614672.5, 220.2, 782.0, 0.0);
(506050.1, 3614672.5, 220.0, 782.0, 0.0); (
506075.1, 3614672.5, 219.9, 782.0, 0.0);
(506100.1, 3614672.5, 219.7, 782.0, 0.0); (
506125.1, 3614672.5, 219.0, 782.0, 0.0);
(506150.1, 3614672.5, 218.4, 782.0, 0.0); (
505900.1, 3614697.5, 222.0, 782.0, 0.0);
(505925.1, 3614697.5, 221.7, 782.0, 0.0); (
505950.1, 3614697.5, 221.6, 782.0, 0.0);
(505975.1, 3614697.5, 221.6, 782.0, 0.0); (
506000.1, 3614697.5, 221.6, 782.0, 0.0);
(506025.1, 3614697.5, 221.5, 782.0, 0.0); (
506050.1, 3614697.5, 221.5, 782.0, 0.0);
(506075.1, 3614697.5, 221.5, 782.0, 0.0); (
506100.1, 3614697.5, 221.3, 782.0, 0.0);
(506125.1, 3614697.5, 220.7, 782.0, 0.0); (
506150.1, 3614697.5, 220.0, 782.0, 0.0);
(505900.1, 3614722.5, 223.4, 782.0, 0.0); (
505925.1, 3614722.5, 223.1, 782.0, 0.0);
(505950.1, 3614722.5, 222.9, 782.0, 0.0); (
505975.1, 3614722.5, 223.0, 782.0, 0.0);
(506000.1, 3614722.5, 223.0, 782.0, 0.0); (
506025.1, 3614722.5, 223.1, 782.0, 0.0);
(506050.1, 3614722.5, 223.0, 782.0, 0.0); (
506075.1, 3614722.5, 222.9, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(506100.1, 3614722.5, 222.8, 782.0, 0.0); (506125.1, 3614722.5, 222.2, 782.0, 0.0);
(506150.1, 3614722.5, 221.6, 782.0, 0.0); (505900.1, 3614747.5, 224.7, 782.0, 0.0);
(505925.1, 3614747.5, 224.4, 782.0, 0.0); (505950.1, 3614747.5, 224.3, 782.0, 0.0);
(505975.1, 3614747.5, 224.5, 782.0, 0.0); (506000.1, 3614747.5, 224.6, 782.0, 0.0);
(506025.1, 3614747.5, 224.7, 782.0, 0.0); (506050.1, 3614747.5, 224.5, 782.0, 0.0);
(506075.1, 3614747.5, 224.4, 782.0, 0.0); (506100.1, 3614747.5, 224.1, 782.0, 0.0);
(506125.1, 3614747.5, 223.6, 782.0, 0.0); (506150.1, 3614747.5, 223.1, 782.0, 0.0);
(505950.1, 3614772.5, 225.7, 782.0, 0.0); (505975.1, 3614772.5, 226.0, 782.0, 0.0);
(506000.1, 3614772.5, 226.2, 782.0, 0.0); (506025.1, 3614772.5, 226.2, 782.0, 0.0);
(506050.1, 3614772.5, 226.0, 782.0, 0.0); (506075.1, 3614772.5, 225.8, 782.0, 0.0);
(506100.1, 3614772.5, 225.5, 782.0, 0.0); (506125.1, 3614772.5, 225.1, 782.0, 0.0);
(506150.1, 3614772.5, 224.7, 782.0, 0.0); (505950.1, 3614797.5, 227.1, 782.0, 0.0);
(505975.1, 3614797.5, 227.4, 782.0, 0.0); (506000.1, 3614797.5, 227.8, 782.0, 0.0);
(506025.1, 3614797.5, 227.8, 782.0, 0.0); (506050.1, 3614797.5, 227.5, 782.0, 0.0);
(506075.1, 3614797.5, 227.2, 782.0, 0.0); (506100.1, 3614797.5, 226.9, 782.0, 0.0);
(506125.1, 3614797.5, 226.6, 782.0, 0.0); (506150.1, 3614797.5, 226.2, 782.0, 0.0);
(505950.1, 3614822.5, 228.8, 782.0, 0.0); (505975.1, 3614822.5, 229.2, 782.0, 0.0);
(506000.1, 3614822.5, 229.6, 782.0, 0.0); (506025.1, 3614822.5, 229.8, 782.0, 0.0);
(506050.1, 3614822.5, 229.5, 782.0, 0.0); (506075.1, 3614822.5, 229.3, 782.0, 0.0);
(506100.1, 3614822.5, 229.0, 782.0, 0.0); (506125.1, 3614822.5, 228.6, 782.0, 0.0);

(506150.1, 3614822.5, 228.2, 782.0, 0.0); (
505949.9, 3614883.0, 232.8, 782.0, 0.0);
(505974.9, 3614883.0, 233.4, 782.0, 0.0); (
505999.9, 3614883.0, 234.0, 782.0, 0.0);
(506024.9, 3614883.0, 234.4, 782.0, 0.0); (
506049.9, 3614883.0, 234.4, 782.0, 0.0);
(506074.9, 3614883.0, 234.4, 782.0, 0.0); (
506099.9, 3614883.0, 234.2, 782.0, 0.0);
(506124.9, 3614883.0, 233.6, 782.0, 0.0); (
506149.9, 3614883.0, 233.0, 782.0, 0.0);
(506174.9, 3614883.0, 232.3, 782.0, 0.0); (
506199.9, 3614883.0, 231.4, 782.0, 0.0);
(506224.9, 3614883.0, 230.4, 782.0, 0.0); (
506249.9, 3614883.0, 229.4, 782.0, 0.0);
(506274.9, 3614883.0, 227.8, 782.0, 0.0); (
506299.9, 3614883.0, 226.1, 782.0, 0.0);
(506324.9, 3614883.0, 224.4, 782.0, 0.0); (
505949.9, 3614908.0, 235.0, 782.0, 0.0);
(505974.9, 3614908.0, 235.6, 782.0, 0.0); (
505999.9, 3614908.0, 236.3, 782.0, 0.0);
(506024.9, 3614908.0, 236.7, 782.0, 0.0); (
506049.9, 3614908.0, 236.7, 782.0, 0.0);
(506074.9, 3614908.0, 236.7, 782.0, 0.0); (
506099.9, 3614908.0, 236.5, 782.0, 0.0);
(506124.9, 3614908.0, 235.8, 782.0, 0.0); (
506149.9, 3614908.0, 235.1, 782.0, 0.0);
(506174.9, 3614908.0, 234.4, 782.0, 0.0); (
506199.9, 3614908.0, 233.4, 782.0, 0.0);
(506224.9, 3614908.0, 232.4, 782.0, 0.0); (
506249.9, 3614908.0, 231.3, 782.0, 0.0);
(506274.9, 3614908.0, 229.8, 782.0, 0.0); (
506299.9, 3614908.0, 228.2, 782.0, 0.0);
(506324.9, 3614908.0, 226.6, 782.0, 0.0); (
505949.9, 3614933.0, 237.4, 782.0, 0.0);
(505974.9, 3614933.0, 238.1, 782.0, 0.0); (
505999.9, 3614933.0, 238.7, 782.0, 0.0);
(506024.9, 3614933.0, 239.1, 782.0, 0.0); (
506049.9, 3614933.0, 239.1, 782.0, 0.0);
(506074.9, 3614933.0, 239.1, 782.0, 0.0); (
506099.9, 3614933.0, 239.0, 782.0, 0.0);
(506124.9, 3614933.0, 238.2, 782.0, 0.0); (
506149.9, 3614933.0, 237.4, 782.0, 0.0);
(506174.9, 3614933.0, 236.6, 782.0, 0.0); (
506199.9, 3614933.0, 235.5, 782.0, 0.0);
(506224.9, 3614933.0, 234.3, 782.0, 0.0); (
506249.9, 3614933.0, 233.2, 782.0, 0.0);
(506274.9, 3614933.0, 231.7, 782.0, 0.0); (
506299.9, 3614933.0, 230.0, 782.0, 0.0);
(506324.9, 3614933.0, 228.4, 782.0, 0.0); (
505949.9, 3614958.0, 239.9, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(505974.9, 3614958.0, 240.5, 782.0, 0.0); (505999.9, 3614958.0, 241.1, 782.0, 0.0);
(506024.9, 3614958.0, 241.6, 782.0, 0.0); (506049.9, 3614958.0, 241.6, 782.0, 0.0);
(506074.9, 3614958.0, 241.6, 782.0, 0.0); (506099.9, 3614958.0, 241.4, 782.0, 0.0);
(506124.9, 3614958.0, 240.5, 782.0, 0.0); (506149.9, 3614958.0, 239.6, 782.0, 0.0);
(506174.9, 3614958.0, 238.7, 782.0, 0.0); (506199.9, 3614958.0, 237.5, 782.0, 0.0);
(506224.9, 3614958.0, 236.3, 782.0, 0.0); (506249.9, 3614958.0, 235.1, 782.0, 0.0);
(506274.9, 3614958.0, 233.5, 782.0, 0.0); (506299.9, 3614958.0, 231.9, 782.0, 0.0);
(506324.9, 3614958.0, 230.3, 782.0, 0.0); (505949.9, 3614983.0, 242.3, 782.0, 0.0);
(505974.9, 3614983.0, 242.9, 782.0, 0.0); (505999.9, 3614983.0, 243.6, 782.0, 0.0);
(506024.9, 3614983.0, 244.0, 782.0, 0.0); (506049.9, 3614983.0, 244.0, 782.0, 0.0);
(506074.9, 3614983.0, 244.0, 782.0, 0.0); (506099.9, 3614983.0, 243.8, 782.0, 0.0);
(506124.9, 3614983.0, 242.8, 782.0, 0.0); (506149.9, 3614983.0, 241.9, 782.0, 0.0);
(506174.9, 3614983.0, 240.9, 782.0, 0.0); (506199.9, 3614983.0, 239.6, 782.0, 0.0);
(506224.9, 3614983.0, 238.3, 782.0, 0.0); (506249.9, 3614983.0, 237.0, 782.0, 0.0);
(506274.9, 3614983.0, 235.4, 782.0, 0.0); (506299.9, 3614983.0, 233.8, 782.0, 0.0);
(506324.9, 3614983.0, 232.2, 782.0, 0.0); (505949.9, 3615008.0, 242.8, 782.0, 0.0);
(505974.9, 3615008.0, 243.4, 782.0, 0.0); (505999.9, 3615008.0, 243.9, 782.0, 0.0);
(506024.9, 3615008.0, 244.3, 782.0, 0.0); (506049.9, 3615008.0, 244.3, 782.0, 0.0);
(506074.9, 3615008.0, 244.3, 782.0, 0.0); (506099.9, 3615008.0, 244.1, 782.0, 0.0);
(506124.9, 3615008.0, 243.4, 782.0, 0.0); (506149.9, 3615008.0, 242.7, 782.0, 0.0);

(506174.9, 3615008.0, 242.0, 782.0, 0.0); (
506199.9, 3615008.0, 241.0, 782.0, 0.0);
(506224.9, 3615008.0, 239.9, 782.0, 0.0); (
506249.9, 3615008.0, 238.9, 782.0, 0.0);
(506274.9, 3615008.0, 237.2, 782.0, 0.0); (
506299.9, 3615008.0, 235.6, 782.0, 0.0);
(506324.9, 3615008.0, 233.9, 782.0, 0.0); (
505949.9, 3615033.0, 243.3, 782.0, 0.0);
(505974.9, 3615033.0, 243.8, 782.0, 0.0); (
505999.9, 3615033.0, 244.2, 782.0, 0.0);
(506024.9, 3615033.0, 244.5, 782.0, 0.0); (
506049.9, 3615033.0, 244.5, 782.0, 0.0);
(506074.9, 3615033.0, 244.5, 782.0, 0.0); (
506099.9, 3615033.0, 244.4, 782.0, 0.0);
(506124.9, 3615033.0, 244.0, 782.0, 0.0); (
506149.9, 3615033.0, 243.6, 782.0, 0.0);
(506174.9, 3615033.0, 243.1, 782.0, 0.0); (
506199.9, 3615033.0, 242.3, 782.0, 0.0);
(506224.9, 3615033.0, 241.6, 782.0, 0.0); (
506249.9, 3615033.0, 240.8, 782.0, 0.0);
(506274.9, 3615033.0, 239.1, 782.0, 0.0); (
506299.9, 3615033.0, 237.3, 782.0, 0.0);
(506324.9, 3615033.0, 235.5, 782.0, 0.0); (
505949.9, 3615058.0, 243.8, 782.0, 0.0);
(505974.9, 3615058.0, 244.2, 782.0, 0.0); (
505999.9, 3615058.0, 244.6, 782.0, 0.0);
(506024.9, 3615058.0, 244.8, 782.0, 0.0); (
506049.9, 3615058.0, 244.8, 782.0, 0.0);
(506074.9, 3615058.0, 244.8, 782.0, 0.0); (
506099.9, 3615058.0, 244.8, 782.0, 0.0);
(506124.9, 3615058.0, 244.6, 782.0, 0.0); (
506149.9, 3615058.0, 244.4, 782.0, 0.0);
(506174.9, 3615058.0, 244.2, 782.0, 0.0); (
506199.9, 3615058.0, 243.7, 782.0, 0.0);
(506224.9, 3615058.0, 243.2, 782.0, 0.0); (
506249.9, 3615058.0, 242.7, 782.0, 0.0);
(506274.9, 3615058.0, 240.9, 782.0, 0.0); (
506299.9, 3615058.0, 239.0, 782.0, 0.0);
(506324.9, 3615058.0, 237.1, 782.0, 0.0); (
505949.9, 3615083.0, 244.2, 782.0, 0.0);
(505974.9, 3615083.0, 244.5, 782.0, 0.0); (
505999.9, 3615083.0, 244.8, 782.0, 0.0);
(506024.9, 3615083.0, 245.0, 782.0, 0.0); (
506049.9, 3615083.0, 245.0, 782.0, 0.0);
(506074.9, 3615083.0, 245.1, 782.0, 0.0); (
506099.9, 3615083.0, 245.1, 782.0, 0.0);
(506124.9, 3615083.0, 245.1, 782.0, 0.0); (
506149.9, 3615083.0, 245.1, 782.0, 0.0);
(506174.9, 3615083.0, 245.1, 782.0, 0.0); (
506199.9, 3615083.0, 244.8, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(506224.9, 3615083.0, 244.5, 782.0, 0.0); (506249.9, 3615083.0, 244.2, 782.0, 0.0);
(506274.9, 3615083.0, 242.3, 782.0, 0.0); (506299.9, 3615083.0, 240.5, 782.0, 0.0);
(506324.9, 3615083.0, 238.6, 782.0, 0.0); (505949.9, 3615108.0, 244.2, 782.0, 0.0);
(505974.9, 3615108.0, 244.5, 782.0, 0.0); (505999.9, 3615108.0, 244.8, 782.0, 0.0);
(506024.9, 3615108.0, 245.0, 782.0, 0.0); (506049.9, 3615108.0, 245.2, 782.0, 0.0);
(506074.9, 3615108.0, 245.3, 782.0, 0.0); (506099.9, 3615108.0, 245.4, 782.0, 0.0);
(506124.9, 3615108.0, 245.5, 782.0, 0.0); (506149.9, 3615108.0, 245.6, 782.0, 0.0);
(506174.9, 3615108.0, 245.7, 782.0, 0.0); (506199.9, 3615108.0, 245.4, 782.0, 0.0);
(506224.9, 3615108.0, 245.0, 782.0, 0.0); (506249.9, 3615108.0, 244.7, 782.0, 0.0);
(506274.9, 3615108.0, 243.1, 782.0, 0.0); (506299.9, 3615108.0, 241.4, 782.0, 0.0);
(506324.9, 3615108.0, 239.7, 782.0, 0.0); (505949.9, 3615133.0, 244.2, 782.0, 0.0);
(505974.9, 3615133.0, 244.5, 782.0, 0.0); (505999.9, 3615133.0, 244.8, 782.0, 0.0);
(506024.9, 3615133.0, 245.1, 782.0, 0.0); (506049.9, 3615133.0, 245.3, 782.0, 0.0);
(506074.9, 3615133.0, 245.5, 782.0, 0.0); (506099.9, 3615133.0, 245.7, 782.0, 0.0);
(506124.9, 3615133.0, 245.9, 782.0, 0.0); (506149.9, 3615133.0, 246.1, 782.0, 0.0);
(506174.9, 3615133.0, 246.2, 782.0, 0.0); (506199.9, 3615133.0, 245.9, 782.0, 0.0);
(506224.9, 3615133.0, 245.6, 782.0, 0.0); (506249.9, 3615133.0, 245.2, 782.0, 0.0);
(506274.9, 3615133.0, 243.8, 782.0, 0.0); (506299.9, 3615133.0, 242.2, 782.0, 0.0);
(506324.9, 3615133.0, 240.7, 782.0, 0.0); (505949.9, 3615158.0, 244.2, 782.0, 0.0);
(505974.9, 3615158.0, 244.5, 782.0, 0.0); (505999.9, 3615158.0, 244.8, 782.0, 0.0);

(506024.9, 3615158.0, 245.1, 782.0, 0.0); (
506049.9, 3615158.0, 245.4, 782.0, 0.0);
(506074.9, 3615158.0, 245.7, 782.0, 0.0); (
506099.9, 3615158.0, 246.0, 782.0, 0.0);
(506124.9, 3615158.0, 246.2, 782.0, 0.0); (
506149.9, 3615158.0, 246.5, 782.0, 0.0);
(506174.9, 3615158.0, 246.8, 782.0, 0.0); (
506199.9, 3615158.0, 246.4, 782.0, 0.0);
(506224.9, 3615158.0, 246.1, 782.0, 0.0); (
506249.9, 3615158.0, 245.8, 782.0, 0.0);
(506274.9, 3615158.0, 244.5, 782.0, 0.0); (
506299.9, 3615158.0, 243.1, 782.0, 0.0);
(506324.9, 3615158.0, 241.8, 782.0, 0.0); (
505949.9, 3615183.0, 244.3, 782.0, 0.0);
(505974.9, 3615183.0, 244.6, 782.0, 0.0); (
505999.9, 3615183.0, 245.0, 782.0, 0.0);
(506024.9, 3615183.0, 245.3, 782.0, 0.0); (
506049.9, 3615183.0, 245.7, 782.0, 0.0);
(506074.9, 3615183.0, 246.0, 782.0, 0.0); (
506099.9, 3615183.0, 246.4, 782.0, 0.0);
(506124.9, 3615183.0, 246.7, 782.0, 0.0); (
506149.9, 3615183.0, 247.0, 782.0, 0.0);
(506174.9, 3615183.0, 247.3, 782.0, 0.0); (
506199.9, 3615183.0, 247.0, 782.0, 0.0);
(506224.9, 3615183.0, 246.7, 782.0, 0.0); (
506249.9, 3615183.0, 246.3, 782.0, 0.0);
(506274.9, 3615183.0, 245.2, 782.0, 0.0); (
506299.9, 3615183.0, 244.1, 782.0, 0.0);
(506324.9, 3615183.0, 243.0, 782.0, 0.0); (
505949.9, 3615208.0, 244.6, 782.0, 0.0);
(505974.9, 3615208.0, 244.9, 782.0, 0.0); (
505999.9, 3615208.0, 245.2, 782.0, 0.0);
(506024.9, 3615208.0, 245.6, 782.0, 0.0); (
506049.9, 3615208.0, 246.1, 782.0, 0.0);
(506074.9, 3615208.0, 246.5, 782.0, 0.0); (
506099.9, 3615208.0, 246.9, 782.0, 0.0);
(506124.9, 3615208.0, 247.3, 782.0, 0.0); (
506149.9, 3615208.0, 247.6, 782.0, 0.0);
(506174.9, 3615208.0, 247.8, 782.0, 0.0); (
506199.9, 3615208.0, 247.5, 782.0, 0.0);
(506224.9, 3615208.0, 247.2, 782.0, 0.0); (
506249.9, 3615208.0, 246.9, 782.0, 0.0);
(506274.9, 3615208.0, 246.0, 782.0, 0.0); (
506299.9, 3615208.0, 245.2, 782.0, 0.0);
(506324.9, 3615208.0, 244.3, 782.0, 0.0); (
505949.9, 3615233.0, 244.9, 782.0, 0.0);
(505974.9, 3615233.0, 245.2, 782.0, 0.0); (
505999.9, 3615233.0, 245.5, 782.0, 0.0);
(506024.9, 3615233.0, 245.9, 782.0, 0.0); (
506049.9, 3615233.0, 246.4, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(506074.9, 3615233.0, 247.0, 782.0, 0.0); (506099.9, 3615233.0, 247.5, 782.0, 0.0);
(506124.9, 3615233.0, 247.8, 782.0, 0.0); (506149.9, 3615233.0, 248.1, 782.0, 0.0);
(506174.9, 3615233.0, 248.4, 782.0, 0.0); (506199.9, 3615233.0, 248.1, 782.0, 0.0);
(506224.9, 3615233.0, 247.7, 782.0, 0.0); (506249.9, 3615233.0, 247.4, 782.0, 0.0);
(506274.9, 3615233.0, 246.8, 782.0, 0.0); (506299.9, 3615233.0, 246.2, 782.0, 0.0);
(506324.9, 3615233.0, 245.6, 782.0, 0.0); (505949.9, 3615258.0, 245.1, 782.0, 0.0);
(505974.9, 3615258.0, 245.5, 782.0, 0.0); (505999.9, 3615258.0, 245.8, 782.0, 0.0);
(506024.9, 3615258.0, 246.2, 782.0, 0.0); (506049.9, 3615258.0, 246.8, 782.0, 0.0);
(506074.9, 3615258.0, 247.5, 782.0, 0.0); (506099.9, 3615258.0, 248.0, 782.0, 0.0);
(506124.9, 3615258.0, 248.3, 782.0, 0.0); (506149.9, 3615258.0, 248.7, 782.0, 0.0);
(506174.9, 3615258.0, 248.9, 782.0, 0.0); (506199.9, 3615258.0, 248.6, 782.0, 0.0);
(506224.9, 3615258.0, 248.3, 782.0, 0.0); (506249.9, 3615258.0, 248.0, 782.0, 0.0);
(506274.9, 3615258.0, 247.6, 782.0, 0.0); (506299.9, 3615258.0, 247.3, 782.0, 0.0);
(506324.9, 3615258.0, 246.9, 782.0, 0.0); (507913.9, 3615754.2, 223.3, 782.0, 0.0);
(508011.5, 3615650.9, 231.5, 782.0, 0.0); (508109.5, 3614521.2, 243.4, 782.0, 0.0);
(508113.8, 3614478.1, 245.2, 782.0, 0.0); (508118.0, 3614435.0, 247.2, 782.0, 0.0);
(508122.2, 3614391.9, 249.3, 782.0, 0.0); (508127.2, 3614538.9, 243.7, 782.0, 0.0);
(508136.5, 3614502.1, 245.6, 782.0, 0.0); (508140.7, 3614459.0, 248.1, 782.0, 0.0);
(508145.0, 3614415.9, 251.0, 782.0, 0.0); (508149.1, 3614372.7, 254.2, 782.0, 0.0);
(508152.1, 3614541.3, 244.7, 782.0, 0.0); (508161.4, 3614504.5, 247.0, 782.0, 0.0);

(508165.6, 3614461.4, 250.3, 782.0, 0.0); (
508169.8, 3614418.3, 254.0, 782.0, 0.0);
(508174.0, 3614375.2, 258.1, 782.0, 0.0); (
508177.0, 3614543.8, 245.7, 782.0, 0.0);
(508162.6, 3614574.3, 244.0, 782.0, 0.0); (
508186.3, 3614507.0, 248.4, 782.0, 0.0);
(508190.5, 3614463.8, 252.5, 782.0, 0.0); (
508194.7, 3614420.7, 256.8, 782.0, 0.0);
(508198.9, 3614377.6, 261.8, 782.0, 0.0); (
508108.8, 3614344.7, 249.7, 782.0, 0.0);
(508087.1, 3614335.9, 247.6, 782.0, 0.0); (
508065.4, 3614327.1, 245.2, 782.0, 0.0);
(508043.7, 3614318.2, 243.1, 782.0, 0.0); (
508021.9, 3614309.4, 242.6, 782.0, 0.0);
(508010.2, 3614233.9, 243.5, 782.0, 0.0); (
508130.2, 3614331.8, 253.1, 782.0, 0.0);
(508096.5, 3614312.7, 249.7, 782.0, 0.0); (
508074.8, 3614303.9, 247.1, 782.0, 0.0);
(508053.1, 3614295.1, 244.2, 782.0, 0.0); (
508031.4, 3614286.2, 243.1, 782.0, 0.0);
(508011.6, 3614277.4, 242.7, 782.0, 0.0); (
508139.6, 3614308.6, 256.3, 782.0, 0.0);
(508167.1, 3614344.4, 259.3, 782.0, 0.0); (
508105.9, 3614289.6, 252.1, 782.0, 0.0);
(508084.2, 3614280.8, 249.2, 782.0, 0.0); (
508062.5, 3614271.9, 246.0, 782.0, 0.0);
(508040.8, 3614263.1, 243.6, 782.0, 0.0); (
508019.1, 3614254.2, 243.2, 782.0, 0.0);
(508153.0, 3614288.9, 259.8, 782.0, 0.0); (
508189.6, 3614336.6, 264.2, 782.0, 0.0);
(508115.3, 3614266.4, 254.8, 782.0, 0.0); (
508093.6, 3614257.6, 251.6, 782.0, 0.0);
(508071.9, 3614248.8, 248.1, 782.0, 0.0); (
508050.2, 3614239.9, 244.6, 782.0, 0.0);
(508028.5, 3614231.1, 244.2, 782.0, 0.0); (
508011.8, 3614203.2, 244.7, 782.0, 0.0);
(508011.0, 3614179.3, 245.6, 782.0, 0.0); (
508010.3, 3614155.4, 246.5, 782.0, 0.0);
(508009.5, 3614131.5, 248.3, 782.0, 0.0); (
508008.7, 3614107.5, 250.2, 782.0, 0.0);
(508007.9, 3614083.6, 252.0, 782.0, 0.0); (
508007.1, 3614059.7, 253.9, 782.0, 0.0);
(508006.3, 3614035.8, 256.2, 782.0, 0.0); (
508005.5, 3614011.8, 258.4, 782.0, 0.0);
(508004.7, 3613987.9, 260.5, 782.0, 0.0); (
508036.8, 3614202.4, 245.8, 782.0, 0.0);
(508036.0, 3614178.5, 247.0, 782.0, 0.0); (
508035.2, 3614154.6, 248.1, 782.0, 0.0);
(508034.5, 3614130.6, 250.0, 782.0, 0.0); (
508033.7, 3614106.7, 252.0, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(508032.9, 3614082.8, 253.9, 782.0, 0.0); (508032.1, 3614058.9, 255.9, 782.0, 0.0);
(508031.3, 3614034.9, 258.5, 782.0, 0.0); (508030.5, 3614011.0, 261.0, 782.0, 0.0);
(508029.7, 3613987.1, 263.6, 782.0, 0.0); (508061.8, 3614201.6, 248.7, 782.0, 0.0);
(508061.0, 3614177.7, 249.8, 782.0, 0.0); (508060.2, 3614153.8, 250.9, 782.0, 0.0);
(508059.4, 3614129.8, 252.8, 782.0, 0.0); (508058.7, 3614105.9, 254.7, 782.0, 0.0);
(508057.9, 3614082.0, 256.6, 782.0, 0.0); (508057.1, 3614058.0, 258.6, 782.0, 0.0);
(508056.3, 3614034.1, 261.3, 782.0, 0.0); (508055.5, 3614010.2, 264.0, 782.0, 0.0);
(508054.7, 3613986.2, 266.7, 782.0, 0.0); (508087.6, 3614224.7, 252.1, 782.0, 0.0);
(508086.8, 3614200.8, 253.1, 782.0, 0.0); (508086.0, 3614176.8, 254.1, 782.0, 0.0);
(508085.2, 3614152.9, 255.2, 782.0, 0.0); (508084.4, 3614129.0, 257.0, 782.0, 0.0);
(508083.6, 3614105.1, 258.8, 782.0, 0.0); (508082.8, 3614081.1, 260.6, 782.0, 0.0);
(508082.1, 3614057.2, 262.6, 782.0, 0.0); (508081.3, 3614033.3, 265.1, 782.0, 0.0);
(508080.5, 3614009.3, 267.6, 782.0, 0.0); (508079.7, 3613985.4, 270.1, 782.0, 0.0);
(507979.3, 3613963.7, 259.6, 782.0, 0.0); (507935.2, 3613964.5, 255.2, 782.0, 0.0);
(507891.0, 3613965.2, 251.2, 782.0, 0.0); (507996.6, 3613945.6, 263.6, 782.0, 0.0);
(507956.8, 3613939.1, 259.6, 782.0, 0.0); (507912.6, 3613939.8, 255.4, 782.0, 0.0);
(507868.5, 3613940.6, 251.3, 782.0, 0.0); (507996.1, 3613920.6, 266.1, 782.0, 0.0);
(508039.2, 3613951.7, 268.6, 782.0, 0.0); (507956.4, 3613914.1, 261.9, 782.0, 0.0);
(507912.2, 3613914.8, 257.6, 782.0, 0.0); (507868.1, 3613915.6, 253.4, 782.0, 0.0);
(507995.7, 3613895.6, 268.6, 782.0, 0.0); (508031.0, 3613909.4, 272.0, 782.0, 0.0);

(508056.4, 3613933.6, 272.8, 782.0, 0.0); (
507956.0, 3613889.1, 264.3, 782.0, 0.0);
(507911.8, 3613889.8, 259.8, 782.0, 0.0); (
507867.6, 3613890.6, 255.5, 782.0, 0.0);
(507835.3, 3613920.1, 250.1, 782.0, 0.0); (
507818.0, 3613902.4, 250.0, 782.0, 0.0);
(507800.7, 3613884.7, 249.9, 782.0, 0.0); (
507835.8, 3613884.9, 253.2, 782.0, 0.0);
(507818.5, 3613867.2, 253.3, 782.0, 0.0); (
507888.3, 3613902.8, 256.3, 782.0, 0.0);
(507853.7, 3613867.4, 256.5, 782.0, 0.0); (
507836.4, 3613849.8, 256.9, 782.0, 0.0);
(507888.9, 3613867.6, 259.7, 782.0, 0.0); (
507871.6, 3613849.9, 260.1, 782.0, 0.0);
(507854.3, 3613832.3, 260.5, 782.0, 0.0); (
507776.2, 3613878.1, 248.0, 782.0, 0.0);
(507739.4, 3613888.2, 244.0, 782.0, 0.0); (
507702.5, 3613898.3, 242.4, 782.0, 0.0);
(507782.7, 3613854.0, 251.1, 782.0, 0.0); (
507751.1, 3613859.1, 247.4, 782.0, 0.0);
(507714.3, 3613869.2, 244.0, 782.0, 0.0); (
507776.1, 3613829.9, 253.1, 782.0, 0.0);
(507813.7, 3613836.5, 256.2, 782.0, 0.0); (
507744.5, 3613835.0, 249.3, 782.0, 0.0);
(507707.7, 3613845.1, 245.7, 782.0, 0.0); (
507773.8, 3613805.8, 255.4, 782.0, 0.0);
(507824.0, 3613814.5, 259.6, 782.0, 0.0); (
507737.9, 3613810.9, 251.2, 782.0, 0.0);
(507701.1, 3613821.0, 247.2, 782.0, 0.0); (
507675.1, 3613926.3, 240.5, 782.0, 0.0);
(507661.0, 3613945.1, 239.1, 782.0, 0.0); (
507646.8, 3613963.9, 237.5, 782.0, 0.0);
(507632.7, 3613982.7, 235.7, 782.0, 0.0); (
507618.6, 3614001.5, 233.9, 782.0, 0.0);
(507604.5, 3614020.3, 231.9, 782.0, 0.0); (
507590.4, 3614039.2, 229.9, 782.0, 0.0);
(507576.3, 3614058.0, 227.8, 782.0, 0.0); (
507562.2, 3614076.8, 225.5, 782.0, 0.0);
(507682.5, 3613883.3, 242.4, 782.0, 0.0); (
507655.1, 3613911.3, 240.3, 782.0, 0.0);
(507641.0, 3613930.1, 238.7, 782.0, 0.0); (
507626.8, 3613948.9, 236.9, 782.0, 0.0);
(507612.7, 3613967.7, 235.1, 782.0, 0.0); (
507598.6, 3613986.5, 233.3, 782.0, 0.0);
(507584.5, 3614005.3, 231.3, 782.0, 0.0); (
507570.4, 3614024.2, 229.2, 782.0, 0.0);
(507556.3, 3614043.0, 226.9, 782.0, 0.0); (
507542.2, 3614061.8, 224.6, 782.0, 0.0);
(507662.5, 3613868.3, 242.4, 782.0, 0.0); (
507635.1, 3613896.3, 239.9, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(507621.0, 3613915.1, 238.2, 782.0, 0.0); (507606.8, 3613933.9, 236.5, 782.0, 0.0);
(507592.7, 3613952.7, 234.6, 782.0, 0.0); (507578.6, 3613971.5, 232.7, 782.0, 0.0);
(507564.5, 3613990.3, 230.6, 782.0, 0.0); (507550.4, 3614009.2, 228.4, 782.0, 0.0);
(507536.3, 3614028.0, 226.1, 782.0, 0.0); (507522.2, 3614046.8, 223.7, 782.0, 0.0);
(507647.0, 3613850.3, 242.3, 782.0, 0.0); (507615.1, 3613881.3, 239.5, 782.0, 0.0);
(507601.0, 3613900.1, 237.8, 782.0, 0.0); (507586.8, 3613918.9, 236.1, 782.0, 0.0);
(507572.7, 3613937.7, 234.1, 782.0, 0.0); (507558.6, 3613956.5, 232.0, 782.0, 0.0);
(507544.5, 3613975.3, 229.9, 782.0, 0.0); (507530.4, 3613994.2, 227.6, 782.0, 0.0);
(507516.3, 3614013.0, 225.3, 782.0, 0.0); (507502.2, 3614031.8, 222.9, 782.0, 0.0);
(507556.8, 3614114.6, 222.9, 782.0, 0.0); (507556.5, 3614137.8, 221.5, 782.0, 0.0);
(507556.1, 3614161.0, 220.1, 782.0, 0.0); (507555.7, 3614184.2, 218.5, 782.0, 0.0);
(507555.3, 3614207.4, 217.0, 782.0, 0.0); (507555.0, 3614230.6, 215.4, 782.0, 0.0);
(507554.6, 3614253.8, 214.0, 782.0, 0.0); (507554.2, 3614276.9, 212.7, 782.0, 0.0);
(507553.9, 3614300.1, 211.4, 782.0, 0.0); (507532.2, 3614091.0, 221.9, 782.0, 0.0);
(507531.8, 3614114.2, 220.5, 782.0, 0.0); (507531.5, 3614137.4, 219.0, 782.0, 0.0);
(507531.1, 3614160.6, 217.5, 782.0, 0.0); (507530.7, 3614183.8, 216.0, 782.0, 0.0);
(507530.3, 3614207.0, 214.4, 782.0, 0.0); (507530.0, 3614230.2, 212.9, 782.0, 0.0);
(507529.6, 3614253.3, 211.5, 782.0, 0.0); (507529.2, 3614276.5, 210.2, 782.0, 0.0);
(507528.9, 3614299.7, 208.9, 782.0, 0.0); (507514.7, 3614068.7, 221.7, 782.0, 0.0);
(507507.2, 3614090.6, 219.6, 782.0, 0.0); (507506.8, 3614113.8, 218.1, 782.0, 0.0);

(507506.5, 3614137.0, 216.5, 782.0, 0.0); (
507506.1, 3614160.2, 215.0, 782.0, 0.0);
(507505.7, 3614183.4, 213.5, 782.0, 0.0); (
507505.3, 3614206.6, 211.9, 782.0, 0.0);
(507505.0, 3614229.8, 210.4, 782.0, 0.0); (
507504.6, 3614252.9, 208.9, 782.0, 0.0);
(507504.2, 3614276.1, 207.6, 782.0, 0.0); (
507503.9, 3614299.3, 206.3, 782.0, 0.0);
(507488.8, 3614070.7, 219.3, 782.0, 0.0); (
507481.8, 3614113.4, 215.9, 782.0, 0.0);
(507481.5, 3614136.6, 214.3, 782.0, 0.0); (
507481.1, 3614159.8, 212.7, 782.0, 0.0);
(507480.7, 3614183.0, 211.1, 782.0, 0.0); (
507480.3, 3614206.2, 209.5, 782.0, 0.0);
(507480.0, 3614229.4, 207.9, 782.0, 0.0); (
507479.6, 3614252.6, 206.4, 782.0, 0.0);
(507479.2, 3614275.8, 205.2, 782.0, 0.0); (
507478.9, 3614298.9, 204.0, 782.0, 0.0);
(507457.3, 3614306.4, 201.5, 782.0, 0.0); (
507433.3, 3614308.0, 199.2, 782.0, 0.0);
(507409.4, 3614309.5, 197.3, 782.0, 0.0); (
507385.5, 3614311.0, 195.6, 782.0, 0.0);
(507361.5, 3614312.6, 193.9, 782.0, 0.0); (
507337.6, 3614314.1, 192.4, 782.0, 0.0);
(507313.7, 3614315.6, 191.0, 782.0, 0.0); (
507289.8, 3614317.2, 189.7, 782.0, 0.0);
(507455.7, 3614281.5, 202.6, 782.0, 0.0); (
507431.7, 3614283.0, 200.2, 782.0, 0.0);
(507407.8, 3614284.6, 198.2, 782.0, 0.0); (
507383.9, 3614286.1, 196.4, 782.0, 0.0);
(507360.0, 3614287.6, 194.7, 782.0, 0.0); (
507336.0, 3614289.2, 193.0, 782.0, 0.0);
(507312.1, 3614290.7, 191.6, 782.0, 0.0); (
507288.2, 3614292.2, 190.2, 782.0, 0.0);
(507454.1, 3614256.5, 203.6, 782.0, 0.0); (
507430.1, 3614258.1, 201.1, 782.0, 0.0);
(507406.2, 3614259.6, 199.1, 782.0, 0.0); (
507382.3, 3614261.1, 197.2, 782.0, 0.0);
(507358.4, 3614262.7, 195.4, 782.0, 0.0); (
507334.4, 3614264.2, 193.7, 782.0, 0.0);
(507310.5, 3614265.7, 192.2, 782.0, 0.0); (
507286.6, 3614267.3, 190.7, 782.0, 0.0);
(507452.5, 3614231.6, 205.0, 782.0, 0.0); (
507428.5, 3614233.1, 202.4, 782.0, 0.0);
(507404.6, 3614234.7, 200.3, 782.0, 0.0); (
507380.7, 3614236.2, 198.3, 782.0, 0.0);
(507356.8, 3614237.7, 196.3, 782.0, 0.0); (
507332.8, 3614239.3, 194.5, 782.0, 0.0);
(507308.9, 3614240.8, 192.9, 782.0, 0.0); (
507285.0, 3614242.3, 191.2, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(507269.8, 3614329.5, 188.3, 782.0, 0.0); (507258.3, 3614349.2, 187.4, 782.0, 0.0);
(507246.9, 3614368.8, 186.5, 782.0, 0.0); (507235.4, 3614388.4, 185.5, 782.0, 0.0);
(507224.0, 3614408.1, 184.6, 782.0, 0.0); (507212.5, 3614427.7, 183.7, 782.0, 0.0);
(507201.1, 3614447.3, 183.1, 782.0, 0.0); (507189.6, 3614467.0, 182.6, 782.0, 0.0);
(507178.1, 3614486.6, 182.1, 782.0, 0.0); (507166.7, 3614506.2, 181.4, 782.0, 0.0);
(507256.6, 3614308.2, 188.2, 782.0, 0.0); (507236.7, 3614336.6, 187.2, 782.0, 0.0);
(507225.3, 3614356.2, 186.3, 782.0, 0.0); (507213.8, 3614375.8, 185.4, 782.0, 0.0);
(507202.4, 3614395.5, 184.5, 782.0, 0.0); (507190.9, 3614415.1, 183.5, 782.0, 0.0);
(507179.5, 3614434.7, 182.8, 782.0, 0.0); (507168.0, 3614454.4, 182.3, 782.0, 0.0);
(507156.5, 3614474.0, 181.7, 782.0, 0.0); (507145.1, 3614493.6, 181.0, 782.0, 0.0);
(507239.3, 3614291.3, 187.6, 782.0, 0.0); (507215.1, 3614324.0, 186.6, 782.0, 0.0);
(507203.7, 3614343.6, 186.2, 782.0, 0.0); (507192.2, 3614363.2, 185.2, 782.0, 0.0);
(507180.8, 3614382.9, 184.3, 782.0, 0.0); (507169.3, 3614402.5, 183.5, 782.0, 0.0);
(507157.9, 3614422.1, 182.8, 782.0, 0.0); (507146.4, 3614441.8, 182.2, 782.0, 0.0);
(507135.0, 3614461.4, 181.5, 782.0, 0.0); (507123.5, 3614481.0, 180.7, 782.0, 0.0);
(507216.3, 3614280.2, 186.3, 782.0, 0.0); (507254.2, 3614252.1, 188.9, 782.0, 0.0);
(507193.5, 3614311.4, 185.6, 782.0, 0.0); (507182.1, 3614331.0, 185.6, 782.0, 0.0);
(507170.6, 3614350.6, 184.9, 782.0, 0.0); (507159.2, 3614370.3, 184.1, 782.0, 0.0);
(507147.7, 3614389.9, 183.3, 782.0, 0.0); (507136.3, 3614409.5, 182.7, 782.0, 0.0);
(507124.8, 3614429.2, 182.2, 782.0, 0.0); (507113.4, 3614448.8, 181.4, 782.0, 0.0);

(507101.9, 3614468.4, 180.3, 782.0, 0.0); (
507166.4, 3614530.9, 181.0, 782.0, 0.0);
(507178.0, 3614551.8, 181.0, 782.0, 0.0); (
507189.5, 3614572.7, 180.9, 782.0, 0.0);
(507201.0, 3614593.6, 180.7, 782.0, 0.0); (
507212.6, 3614614.6, 180.6, 782.0, 0.0);
(507224.1, 3614635.5, 180.7, 782.0, 0.0); (
507235.7, 3614656.4, 180.8, 782.0, 0.0);
(507247.2, 3614677.3, 180.8, 782.0, 0.0); (
507258.8, 3614698.2, 180.9, 782.0, 0.0);
(507270.3, 3614719.1, 181.0, 782.0, 0.0); (
507281.9, 3614740.1, 181.0, 782.0, 0.0);
(507293.4, 3614761.0, 181.1, 782.0, 0.0); (
507141.4, 3614530.6, 180.0, 782.0, 0.0);
(507156.1, 3614563.9, 179.8, 782.0, 0.0); (
507167.6, 3614584.8, 179.8, 782.0, 0.0);
(507179.1, 3614605.7, 179.8, 782.0, 0.0); (
507190.7, 3614626.6, 179.9, 782.0, 0.0);
(507202.2, 3614647.6, 180.0, 782.0, 0.0); (
507213.8, 3614668.5, 180.1, 782.0, 0.0);
(507225.3, 3614689.4, 180.1, 782.0, 0.0); (
507236.9, 3614710.3, 180.2, 782.0, 0.0);
(507248.4, 3614731.2, 180.3, 782.0, 0.0); (
507260.0, 3614752.1, 180.3, 782.0, 0.0);
(507271.5, 3614773.1, 180.4, 782.0, 0.0); (
507118.0, 3614536.5, 179.0, 782.0, 0.0);
(507134.2, 3614576.0, 178.7, 782.0, 0.0); (
507145.7, 3614596.9, 178.7, 782.0, 0.0);
(507157.3, 3614617.8, 178.8, 782.0, 0.0); (
507168.8, 3614638.7, 179.0, 782.0, 0.0);
(507180.4, 3614659.6, 179.2, 782.0, 0.0); (
507191.9, 3614680.6, 179.4, 782.0, 0.0);
(507203.5, 3614701.5, 179.4, 782.0, 0.0); (
507215.0, 3614722.4, 179.5, 782.0, 0.0);
(507226.5, 3614743.3, 179.6, 782.0, 0.0); (
507238.1, 3614764.2, 179.7, 782.0, 0.0);
(507249.6, 3614785.1, 179.7, 782.0, 0.0); (
507096.6, 3614550.6, 177.9, 782.0, 0.0);
(507092.8, 3614501.2, 178.9, 782.0, 0.0); (
507112.3, 3614588.1, 177.6, 782.0, 0.0);
(507123.8, 3614609.0, 177.6, 782.0, 0.0); (
507135.4, 3614629.9, 177.8, 782.0, 0.0);
(507146.9, 3614650.8, 178.0, 782.0, 0.0); (
507158.5, 3614671.7, 178.2, 782.0, 0.0);
(507170.0, 3614692.6, 178.4, 782.0, 0.0); (
507181.6, 3614713.6, 178.7, 782.0, 0.0);
(507193.1, 3614734.5, 178.8, 782.0, 0.0); (
507204.6, 3614755.4, 178.9, 782.0, 0.0);
(507216.2, 3614776.3, 179.0, 782.0, 0.0); (
507227.7, 3614797.2, 179.0, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(507319.0, 3614773.6, 181.6, 782.0, 0.0); (507343.3, 3614770.0, 182.3, 782.0, 0.0);
(507367.7, 3614766.4, 182.9, 782.0, 0.0); (507392.0, 3614762.8, 183.5, 782.0, 0.0);
(507416.4, 3614759.2, 184.2, 782.0, 0.0); (507440.7, 3614755.6, 185.3, 782.0, 0.0);
(507465.1, 3614752.0, 186.7, 782.0, 0.0); (507489.4, 3614748.4, 188.2, 782.0, 0.0);
(507513.8, 3614744.8, 190.2, 782.0, 0.0); (507538.1, 3614741.1, 192.7, 782.0, 0.0);
(507562.5, 3614737.5, 195.1, 782.0, 0.0); (507586.8, 3614733.9, 197.6, 782.0, 0.0);
(507611.2, 3614730.3, 200.0, 782.0, 0.0); (507635.5, 3614726.7, 202.4, 782.0, 0.0);
(507659.9, 3614723.1, 204.7, 782.0, 0.0); (507684.2, 3614719.5, 207.1, 782.0, 0.0);
(507708.6, 3614715.9, 209.4, 782.0, 0.0); (507733.0, 3614712.2, 211.7, 782.0, 0.0);
(507757.3, 3614708.6, 213.9, 782.0, 0.0); (507781.7, 3614705.0, 216.2, 782.0, 0.0);
(507806.0, 3614701.4, 218.5, 782.0, 0.0); (507830.4, 3614697.8, 220.6, 782.0, 0.0);
(507854.7, 3614694.2, 222.6, 782.0, 0.0); (507879.1, 3614690.6, 224.6, 782.0, 0.0);
(507903.4, 3614687.0, 226.5, 782.0, 0.0); (507927.8, 3614683.4, 228.4, 782.0, 0.0);
(507952.1, 3614679.8, 230.3, 782.0, 0.0); (507307.9, 3614796.0, 181.1, 782.0, 0.0);
(507347.0, 3614794.8, 182.1, 782.0, 0.0); (507371.3, 3614791.1, 182.5, 782.0, 0.0);
(507395.7, 3614787.5, 182.9, 782.0, 0.0); (507420.0, 3614783.9, 183.5, 782.0, 0.0);
(507444.4, 3614780.3, 184.6, 782.0, 0.0); (507468.7, 3614776.7, 185.8, 782.0, 0.0);
(507493.1, 3614773.1, 187.1, 782.0, 0.0); (507517.4, 3614769.5, 189.2, 782.0, 0.0);
(507541.8, 3614765.9, 191.8, 782.0, 0.0); (507566.1, 3614762.3, 194.4, 782.0, 0.0);
(507590.5, 3614758.6, 196.9, 782.0, 0.0); (507614.8, 3614755.0, 199.4, 782.0, 0.0);

(507639.2, 3614751.4, 201.8, 782.0, 0.0); (
507663.6, 3614747.8, 204.3, 782.0, 0.0);
(507687.9, 3614744.2, 206.7, 782.0, 0.0); (
507712.3, 3614740.6, 209.1, 782.0, 0.0);
(507736.6, 3614737.0, 211.5, 782.0, 0.0); (
507761.0, 3614733.4, 213.7, 782.0, 0.0);
(507785.3, 3614729.8, 216.0, 782.0, 0.0); (
507809.7, 3614726.1, 218.2, 782.0, 0.0);
(507834.0, 3614722.5, 220.2, 782.0, 0.0); (
507858.4, 3614718.9, 222.2, 782.0, 0.0);
(507882.7, 3614715.3, 224.1, 782.0, 0.0); (
507907.1, 3614711.7, 226.1, 782.0, 0.0);
(507931.4, 3614708.1, 228.0, 782.0, 0.0); (
507955.8, 3614704.5, 230.0, 782.0, 0.0);
(507304.1, 3614819.6, 180.9, 782.0, 0.0); (
507350.6, 3614819.5, 181.9, 782.0, 0.0);
(507375.0, 3614815.9, 182.2, 782.0, 0.0); (
507399.3, 3614812.3, 182.6, 782.0, 0.0);
(507423.7, 3614808.6, 182.9, 782.0, 0.0); (
507448.0, 3614805.0, 183.9, 782.0, 0.0);
(507472.4, 3614801.4, 184.9, 782.0, 0.0); (
507496.8, 3614797.8, 185.9, 782.0, 0.0);
(507521.1, 3614794.2, 188.3, 782.0, 0.0); (
507545.5, 3614790.6, 191.0, 782.0, 0.0);
(507569.8, 3614787.0, 193.6, 782.0, 0.0); (
507594.2, 3614783.4, 196.2, 782.0, 0.0);
(507618.5, 3614779.8, 198.8, 782.0, 0.0); (
507642.9, 3614776.1, 201.3, 782.0, 0.0);
(507667.2, 3614772.5, 203.9, 782.0, 0.0); (
507691.6, 3614768.9, 206.4, 782.0, 0.0);
(507715.9, 3614765.3, 208.8, 782.0, 0.0); (
507740.3, 3614761.7, 211.3, 782.0, 0.0);
(507764.6, 3614758.1, 213.5, 782.0, 0.0); (
507789.0, 3614754.5, 215.8, 782.0, 0.0);
(507813.3, 3614750.9, 218.0, 782.0, 0.0); (
507837.7, 3614747.3, 220.0, 782.0, 0.0);
(507862.0, 3614743.7, 221.9, 782.0, 0.0); (
507886.4, 3614740.0, 223.9, 782.0, 0.0);
(507910.8, 3614736.4, 225.8, 782.0, 0.0); (
507935.1, 3614732.8, 227.8, 782.0, 0.0);
(507959.5, 3614729.2, 229.7, 782.0, 0.0); (
507310.3, 3614844.7, 180.8, 782.0, 0.0);
(507256.5, 3614824.8, 179.7, 782.0, 0.0); (
507354.3, 3614844.2, 181.6, 782.0, 0.0);
(507378.7, 3614840.6, 182.0, 782.0, 0.0); (
507403.0, 3614837.0, 182.3, 782.0, 0.0);
(507427.4, 3614833.4, 182.8, 782.0, 0.0); (
507451.7, 3614829.8, 183.5, 782.0, 0.0);
(507476.1, 3614826.2, 184.4, 782.0, 0.0); (
507500.4, 3614822.5, 185.2, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(507524.8, 3614818.9, 187.5, 782.0, 0.0); (507549.1, 3614815.3, 189.9, 782.0, 0.0);
(507573.5, 3614811.7, 192.4, 782.0, 0.0); (507597.8, 3614808.1, 195.3, 782.0, 0.0);
(507622.2, 3614804.5, 198.1, 782.0, 0.0); (507646.5, 3614800.9, 200.9, 782.0, 0.0);
(507670.9, 3614797.3, 203.5, 782.0, 0.0); (507695.2, 3614793.7, 206.1, 782.0, 0.0);
(507719.6, 3614790.0, 208.6, 782.0, 0.0); (507744.0, 3614786.4, 211.1, 782.0, 0.0);
(507768.3, 3614782.8, 213.3, 782.0, 0.0); (507792.7, 3614779.2, 215.6, 782.0, 0.0);
(507817.0, 3614775.6, 217.8, 782.0, 0.0); (507841.4, 3614772.0, 219.7, 782.0, 0.0);
(507865.7, 3614768.4, 221.7, 782.0, 0.0); (507890.1, 3614764.8, 223.6, 782.0, 0.0);
(507914.4, 3614761.2, 225.6, 782.0, 0.0); (507938.8, 3614757.6, 227.5, 782.0, 0.0);
(507963.1, 3614753.9, 229.5, 782.0, 0.0); (507983.2, 3614655.7, 233.0, 782.0, 0.0);
(508000.2, 3614638.7, 234.4, 782.0, 0.0); (508017.2, 3614621.6, 235.9, 782.0, 0.0);
(508034.2, 3614604.6, 237.5, 782.0, 0.0); (508051.3, 3614587.6, 239.0, 782.0, 0.0);
(508068.3, 3614570.5, 240.4, 782.0, 0.0); (508085.3, 3614553.5, 241.6, 782.0, 0.0);
(507983.8, 3614690.4, 232.3, 782.0, 0.0); (508000.8, 3614673.4, 233.7, 782.0, 0.0);
(508017.9, 3614656.3, 235.2, 782.0, 0.0); (508034.9, 3614639.3, 236.6, 782.0, 0.0);
(508051.9, 3614622.3, 238.0, 782.0, 0.0); (508069.0, 3614605.2, 239.4, 782.0, 0.0);
(508086.0, 3614588.2, 240.7, 782.0, 0.0); (508103.0, 3614571.2, 241.9, 782.0, 0.0);
(507980.5, 3614718.6, 231.4, 782.0, 0.0); (508001.5, 3614708.1, 233.0, 782.0, 0.0);
(508018.5, 3614691.0, 234.5, 782.0, 0.0); (508035.5, 3614674.0, 235.9, 782.0, 0.0);
(508052.6, 3614657.0, 237.3, 782.0, 0.0); (508069.6, 3614640.0, 238.6, 782.0, 0.0);

(508086.6, 3614622.9, 239.8, 782.0, 0.0); (508103.6, 3614605.9, 241.1, 782.0, 0.0);
(508120.7, 3614588.9, 242.3, 782.0, 0.0); (508137.7, 3614571.8, 243.3, 782.0, 0.0);
(508000.5, 3614735.1, 232.4, 782.0, 0.0); (508036.2, 3614708.7, 235.2, 782.0, 0.0);
(508053.2, 3614691.7, 236.6, 782.0, 0.0); (508070.2, 3614674.7, 237.9, 782.0, 0.0);
(508087.3, 3614657.6, 239.1, 782.0, 0.0); (508104.3, 3614640.6, 240.3, 782.0, 0.0);
(508121.3, 3614623.6, 241.6, 782.0, 0.0); (508138.3, 3614606.6, 242.4, 782.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING *** (1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES *** (METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

```
 *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\PV Alt
Construction\PV Alt Construction.isc     ***        10/13/17
 *** AERMET - VERSION  15181 ***   ***
***        12:04:55

PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                     *** UP TO THE FIRST 24 HOURS OF
METEOROLOGICAL DATA ***

   Surface file:   Met Data\PV Alt Construction.SFC
Met Version:  15181
   Profile file:   Met Data\PV Alt Construction.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:    23188                  Upper air station no.:
3190
                  Name: UNKNOWN                                     Name:
UNKNOWN
                  Year:   2010                                      Year:
2010

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0
BOWEN ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
 10 01 01   1 01   -2.5  0.056 -9.000 -9.000 -999.   32.      6.4  0.42
1.07   1.00    0.89   48.   10.0  283.1   10.0
 10 01 01   1 02   -2.7  0.059 -9.000 -9.000 -999.   34.      6.9  0.48
1.07   1.00    0.89   62.   10.0  283.1   10.0
 10 01 01   1 03   -2.5  0.056 -9.000 -9.000 -999.   32.      6.4  0.42
1.07   1.00    0.89   45.   10.0  282.5   10.0
 10 01 01   1 04   -2.7  0.059 -9.000 -9.000 -999.   34.      6.9  0.48
1.07   1.00    0.89   79.   10.0  281.9   10.0
 10 01 01   1 05   -0.6  0.026 -9.000 -9.000 -999.   10.      2.9  0.34
1.07   1.00    0.44  356.   10.0  280.9   10.0
 10 01 01   1 06   -2.5  0.056 -9.000 -9.000 -999.   32.      6.4  0.42
1.07   1.00    0.89   45.   10.0  280.9   10.0
 10 01 01   1 07   -2.0  0.056 -9.000 -9.000 -999.   32.      8.1  0.42
1.07   1.00    0.89   47.   10.0  281.9   10.0
 10 01 01   1 08   -1.6  0.059 -9.000 -9.000 -999.   34.     11.7  0.48
1.07   0.49    0.89   78.   10.0  282.5   10.0
 10 01 01   1 09   20.0  0.132  0.299  0.009   48.  115.    -10.4  0.25
1.07   0.30    0.89   24.   10.0  286.4   10.0
 10 01 01   1 10   62.9  0.163  0.574  0.009  109.  158.     -6.3  0.34
1.07   0.23    0.89  351.   10.0  288.1   10.0
 10 01 01   1 11   61.6  0.261  0.739  0.008  237.  320.    -26.1  0.35
1.07   0.21    1.78  311.   10.0  290.9   10.0
 10 01 01   1 12   70.0  0.312  0.881  0.008  354.  419.    -39.4  0.35
1.07   0.20    2.23  313.   10.0  292.5   10.0
 10 01 01   1 13   69.3  0.264  0.945  0.008  441.  326.    -23.9  0.35
1.07   0.20    1.78  305.   10.0  293.6   10.0
```

```
 10 01 01   1 14   59.8  0.310  0.942  0.008  504.  414.    -44.9  0.35
1.07   0.21    2.23  278.   10.0  294.8   10.0
 10 01 01   1 15   40.5  0.398  0.847  0.008  541.  603.   -140.6  0.35
1.07   0.24    3.12  289.   10.0  293.1   10.0
 10 01 01   1 16   21.6  0.290  0.694  0.008  558.  382.   -101.6  0.35
1.07   0.33    2.23  296.   10.0  291.4   10.0
 10 01 01   1 17   -3.5  0.079 -9.000 -9.000 -999.  127.     13.1  0.34
1.07   0.60    1.34  337.   10.0  291.4   10.0
 10 01 01   1 18   -3.7  0.079 -9.000 -9.000 -999.   55.     12.4  0.34
1.07   1.00    1.34  337.   10.0  290.4   10.0
 10 01 01   1 19   -0.5  0.029 -9.000 -9.000 -999.   13.      4.7  0.47
1.07   1.00    0.44  252.   10.0  288.6   10.0
 10 01 01   1 20   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5  0.43
1.07   1.00    0.44  113.   10.0  287.5   10.0
 10 01 01   1 21   -1.6  0.050 -9.000 -9.000 -999.   27.      6.9  0.28
1.07   1.00    0.89  122.   10.0  286.9   10.0
 10 01 01   1 22   -5.4  0.085 -9.000 -9.000 -999.   60.     10.3  0.43
1.07   1.00    1.34   99.   10.0  286.4   10.0
 10 01 01   1 23   -2.2  0.053 -9.000 -9.000 -999.   29.      5.9  0.34
1.07   1.00    0.89  331.   10.0  285.4   10.0
 10 01 01   1 24   -2.5  0.056 -9.000 -9.000 -999.   32.      6.5  0.42
1.07   1.00    0.89   40.   10.0  285.4   10.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01   10.0 1   48.    0.89   283.2   30.0  -99.00    0.41

 F indicates top of profile (=1) or below (=0)
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 505287.89	505537.89	505787.89	506037.89	506287.89	506537.89	506787.89	507037.89	507287.89
3616818.95	0.00261	0.00299	0.00335	0.00401	0.00470	0.00521	0.00492	0.00465	0.00401
3616568.95	0.00329	0.00344	0.00377	0.00447	0.00565	0.00559	0.00600	0.00610	0.00519
3616318.95	0.00423	0.00413	0.00457	0.00545	0.00628	0.00699	0.00785	0.00804	0.00709
3616068.95	0.00568	0.00556	0.00565	0.00619	0.00675	0.00809	0.01135	0.01091	0.01065
3615818.95	0.00670	0.00749	0.00786	0.00800	0.00827	0.01003	0.01287	0.01437	0.01469
3615568.95	0.00742	0.00853	0.00946	0.01023	0.01076	0.01209	0.01443	0.01950	0.02336
3615318.95	0.00949	0.01010	0.01076	0.01210	0.01338	0.01497	0.01938	0.03596	0.04407
3615068.95	0.01297	0.01357	0.01425	0.01517	0.01708	0.02165	0.03886	0.08380	0.08345
3614818.95	0.01772	0.02033	0.02279	0.02469	0.03003	0.05833	0.12148	0.15244	0.23774
3614568.95	0.02124	0.02904	0.03480	0.04102	0.06572	0.13190	0.20214	0.37139	2.79517
3614318.95	0.02614	0.04665	0.07015	0.08483	0.12293	0.19792	0.26447	0.57500	1.01535
3614068.95	0.04204	0.07709	0.09586	0.12280	0.16336	0.20313	0.29957	0.50991	0.27961
3613818.95	0.05978	0.08660	0.10818	0.13504	0.17390	0.19253	0.28546	0.29293	0.13144
3613568.95	0.07581	0.09376	0.11244	0.14062	0.14584	0.17898	0.26335	0.09665	0.09699

3613318.95	|	0.07853	0.09378	0.09849	0.11117	0.13311	0.15863	0.12955	0.06835	0.07562
3613068.95	|	0.07684	0.09145	0.09797	0.10387	0.12020	0.14464	0.05818	0.05818	0.05301
3612818.95	|	0.07561	0.08790	0.10062	0.09603	0.10833	0.14599	0.05229	0.05527	0.04510
3612568.95	|	0.07392	0.08497	0.08491	0.08803	0.09684	0.11733	0.12332	0.05883	0.04408

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 507537.89	507787.89	508037.89	508287.89	508537.89	508787.89	509037.89	509287.89	509537.89
3616818.95	0.00378	0.00361	0.00386	0.00474	0.00536	0.00570	0.00557	0.00598	0.00634
3616568.95	0.00483	0.00451	0.00499	0.00565	0.00633	0.00669	0.00670	0.00704	0.00706
3616318.95	0.00639	0.00592	0.00617	0.00688	0.00766	0.00811	0.00829	0.00888	0.00842
3616068.95	0.00916	0.00817	0.00784	0.00871	0.00965	0.01030	0.01044	0.01031	0.00989
3615818.95	0.01331	0.01109	0.01043	0.01161	0.01267	0.01292	0.01345	0.01345	0.01248
3615568.95	0.02116	0.01563	0.01506	0.01656	0.01766	0.01808	0.01860	0.01862	0.01797
3615318.95	0.03555	0.02491	0.02395	0.02642	0.02823	0.02877	0.02882	0.02877	0.02717
3615068.95	0.06603	0.05289	0.05108	0.05480	0.05664	0.05369	0.04900	0.04421	0.03988
3614818.95	0.28488	0.22046	0.18706	0.15985	0.13060	0.10345	0.08372	0.07028	0.05926
3614568.95	1.90073	1.55839	1.20148	0.41927	0.22582	0.15197	0.11152	0.08687	0.07061
3614318.95	0.86962	1.42684	1.03441	0.37138	0.20918	0.14148	0.10402	0.07969	0.06570
3614068.95	0.29137	1.18165	0.66636	0.23585	0.14465	0.09546	0.07144	0.05910	0.05064
3613818.95	0.16067	0.17858	0.11230	0.08648	0.06665	0.05286	0.04216	0.03864	0.03479
3613568.95	0.09932	0.08113	0.05587	0.04164	0.03431	0.02930	0.02597	0.02575	0.02688

3613318.95	|	0.06578	0.05393	0.03755	0.02683	0.02187	0.02040	0.01877	0.02064	0.02276
3613068.95	|	0.04976	0.04225	0.02938	0.02084	0.01754	0.01742	0.01612	0.01692	0.01855
3612818.95	|	0.04080	0.03735	0.02806	0.01890	0.01708	0.01686	0.01474	0.01566	0.01675
3612568.95	|	0.04116	0.03759	0.02594	0.01905	0.01779	0.01694	0.01546	0.01475	0.01492

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
506189.72	3613721.07	0.16115	506207.45	3613685.24	0.16366
505750.15	3614222.52	0.07847	505775.15	3614222.52	0.08048
505800.15	3614222.52	0.08231	505825.15	3614222.52	0.08413
505750.15	3614247.52	0.07515	505775.15	3614247.52	0.07733
505800.15	3614247.52	0.07915	505825.15	3614247.52	0.08090
505850.15	3614247.52	0.08271	505750.15	3614272.52	0.07181
505775.15	3614272.52	0.07443	505800.15	3614272.52	0.07610
505825.15	3614272.52	0.07739	505850.15	3614272.52	0.07873
505750.15	3614297.52	0.06838	505775.15	3614297.52	0.07154
505800.15	3614297.52	0.07303	505825.15	3614297.52	0.07385
505850.15	3614297.52	0.07466	505875.15	3614297.52	0.07591
505750.15	3614322.52	0.06496	505775.15	3614322.52	0.06866
505800.15	3614322.52	0.06997	505825.15	3614322.52	0.07029
505850.15	3614322.52	0.07058	505875.15	3614322.52	0.07148
505750.15	3614347.52	0.06079	505775.15	3614347.52	0.06446
505800.15	3614347.52	0.06566	505825.15	3614347.52	0.06582

505850.15 3614347.52 0.06595
505875.15 3614347.52 0.06670
505900.15 3614347.52 0.06791
505800.15 3614372.52 0.05976
505825.15 3614372.52 0.06021
505850.15 3614372.52 0.06067
505875.15 3614372.52 0.06144
505900.15 3614372.52 0.06246
505925.15 3614372.52 0.06354
505800.15 3614397.52 0.05403
505825.15 3614397.52 0.05482
505850.15 3614397.52 0.05563
505875.15 3614397.52 0.05646
505900.15 3614397.52 0.05732
505925.15 3614397.52 0.05821
505800.15 3614422.52 0.04875
505825.15 3614422.52 0.04984
505850.15 3614422.52 0.05097
505875.15 3614422.52 0.05185
505900.15 3614422.52 0.05258
505925.15 3614422.52 0.05335
505800.15 3614447.52 0.04542
505825.15 3614447.52 0.04647
505850.15 3614447.52 0.04758
505875.15 3614447.52 0.04841
505900.15 3614447.52 0.04906
505925.15 3614447.52 0.04972
505825.15 3614472.52 0.04377
505850.15 3614472.52 0.04475
505875.15 3614472.52 0.04550
505900.15 3614472.52 0.04608
505925.15 3614472.52 0.04667
505950.15 3614472.52 0.04753
505975.15 3614472.52 0.04866
506075.15 3614472.52 0.05524
506100.15 3614472.52 0.05762
506125.15 3614472.52 0.06098
506150.15 3614472.52 0.06463
505825.15 3614497.52 0.04133
505850.15 3614497.52 0.04221
505875.15 3614497.52 0.04289
505900.15 3614497.52 0.04342
505925.15 3614497.52 0.04396
505950.15 3614497.52 0.04472
505975.15 3614497.52 0.04573
506075.15 3614497.52 0.05085
506100.15 3614497.52 0.05275
506125.15 3614497.52 0.05612

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
506150.15	3614497.52	0.05991	505850.15	3614522.52	0.03992
505875.15	3614522.52	0.04055	505900.15	3614522.52	0.04103
505925.15	3614522.52	0.04155	505950.15	3614522.52	0.04223
505975.15	3614522.52	0.04313	506075.15	3614522.52	0.04710
506100.15	3614522.52	0.04861	506125.15	3614522.52	0.05184
506150.15	3614522.52	0.05555	505850.15	3614547.52	0.03790
505875.15	3614547.52	0.03851	505900.15	3614547.52	0.03905
505925.15	3614547.52	0.03960	505950.15	3614547.52	0.04023
505975.15	3614547.52	0.04096	506000.15	3614547.52	0.04171
506025.15	3614547.52	0.04251	506050.15	3614547.52	0.04341
506075.15	3614547.52	0.04435	506100.15	3614547.52	0.04560
506125.15	3614547.52	0.04799	506150.15	3614547.52	0.05069
505875.15	3614572.52	0.03667	505900.15	3614572.52	0.03723
505925.15	3614572.52	0.03782	505950.15	3614572.52	0.03840
505975.15	3614572.52	0.03899	506000.15	3614572.52	0.03959
506025.15	3614572.52	0.04027	506050.15	3614572.52	0.04108

506075.15 3614572.52 0.04192
506100.15 3614572.52 0.04295
506125.15 3614572.52 0.04469
506150.15 3614572.52 0.04661
505875.15 3614597.52 0.03499
505900.15 3614597.52 0.03557
505925.15 3614597.52 0.03616
505950.15 3614597.52 0.03670
505975.15 3614597.52 0.03718
506000.15 3614597.52 0.03767
506025.15 3614597.52 0.03825
506050.15 3614597.52 0.03899
506075.15 3614597.52 0.03974
506100.15 3614597.52 0.04061
506125.15 3614597.52 0.04186
506150.15 3614597.52 0.04320
505900.15 3614622.52 0.03404
505925.15 3614622.52 0.03461
505950.15 3614622.52 0.03511
505975.15 3614622.52 0.03553
506000.15 3614622.52 0.03595
506025.15 3614622.52 0.03646
506050.15 3614622.52 0.03709
506075.15 3614622.52 0.03775
506100.15 3614622.52 0.03849
506125.15 3614622.52 0.03948
506150.15 3614622.52 0.04050
505900.15 3614647.52 0.03262
505925.15 3614647.52 0.03314
505950.15 3614647.52 0.03361
505975.15 3614647.52 0.03400
506000.15 3614647.52 0.03440
506025.15 3614647.52 0.03485
506050.15 3614647.52 0.03538
506075.15 3614647.52 0.03594
506100.15 3614647.52 0.03657
506125.15 3614647.52 0.03743
506150.15 3614647.52 0.03833
505900.15 3614672.52 0.03124
505925.15 3614672.52 0.03172
505950.15 3614672.52 0.03215
505975.15 3614672.52 0.03251
506000.15 3614672.52 0.03288
506025.15 3614672.52 0.03328
506050.15 3614672.52 0.03373
506075.15 3614672.52 0.03419
506100.15 3614672.52 0.03473
506125.15 3614672.52 0.03551

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
506150.15	3614672.52	0.03632	505900.15	3614697.52	0.02989
505925.15	3614697.52	0.03034	505950.15	3614697.52	0.03073
505975.15	3614697.52	0.03106	506000.15	3614697.52	0.03140
506025.15	3614697.52	0.03176	506050.15	3614697.52	0.03213
506075.15	3614697.52	0.03252	506100.15	3614697.52	0.03298
506125.15	3614697.52	0.03367	506150.15	3614697.52	0.03440
505900.15	3614722.52	0.02858	505925.15	3614722.52	0.02898
505950.15	3614722.52	0.02933	505975.15	3614722.52	0.02961
506000.15	3614722.52	0.02990	506025.15	3614722.52	0.03021
506050.15	3614722.52	0.03056	506075.15	3614722.52	0.03093
506100.15	3614722.52	0.03134	506125.15	3614722.52	0.03195
506150.15	3614722.52	0.03258	505900.15	3614747.52	0.02729
505925.15	3614747.52	0.02766	505950.15	3614747.52	0.02796
505975.15	3614747.52	0.02819	506000.15	3614747.52	0.02842
506025.15	3614747.52	0.02869	506050.15	3614747.52	0.02904
506075.15	3614747.52	0.02940	506100.15	3614747.52	0.02979

506125.15 3614747.52 0.03030
506150.15 3614747.52 0.03084
505950.15 3614772.52 0.02663
505975.15 3614772.52 0.02680
506000.15 3614772.52 0.02698
506025.15 3614772.52 0.02722
506050.15 3614772.52 0.02756
506075.15 3614772.52 0.02791
506100.15 3614772.52 0.02828
506125.15 3614772.52 0.02871
506150.15 3614772.52 0.02916
505950.15 3614797.52 0.02533
505975.15 3614797.52 0.02546
506000.15 3614797.52 0.02559
506025.15 3614797.52 0.02580
506050.15 3614797.52 0.02613
506075.15 3614797.52 0.02647
506100.15 3614797.52 0.02682
506125.15 3614797.52 0.02718
506150.15 3614797.52 0.02755
505950.15 3614822.52 0.02400
505975.15 3614822.52 0.02410
506000.15 3614822.52 0.02420
506025.15 3614822.52 0.02436
506050.15 3614822.52 0.02463
506075.15 3614822.52 0.02491
506100.15 3614822.52 0.02521
506125.15 3614822.52 0.02555
506150.15 3614822.52 0.02591
505949.90 3614883.00 0.02070
505974.90 3614883.00 0.02074
505999.90 3614883.00 0.02079
506024.90 3614883.00 0.02089
506049.90 3614883.00 0.02107
506074.90 3614883.00 0.02125
506099.90 3614883.00 0.02147
506124.90 3614883.00 0.02178
506149.90 3614883.00 0.02210
506174.90 3614883.00 0.02244
506199.90 3614883.00 0.02293
506224.90 3614883.00 0.02360
506249.90 3614883.00 0.02405
506274.90 3614883.00 0.02470
506299.90 3614883.00 0.02540
506324.90 3614883.00 0.02614
505949.90 3614908.00 0.01960
505974.90 3614908.00 0.01964
505999.90 3614908.00 0.01969

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
506024.90	3614908.00	0.01978	506049.90	3614908.00	0.01994
506074.90	3614908.00	0.02011	506099.90	3614908.00	0.02031
506124.90	3614908.00	0.02060	506149.90	3614908.00	0.02091
506174.90	3614908.00	0.02123	506199.90	3614908.00	0.02162
506224.90	3614908.00	0.02202	506249.90	3614908.00	0.02250
506274.90	3614908.00	0.02323	506299.90	3614908.00	0.02382
506324.90	3614908.00	0.02446	505949.90	3614933.00	0.01856
505974.90	3614933.00	0.01860	505999.90	3614933.00	0.01865
506024.90	3614933.00	0.01874	506049.90	3614933.00	0.01890
506074.90	3614933.00	0.01905	506099.90	3614933.00	0.01924
506124.90	3614933.00	0.01952	506149.90	3614933.00	0.01981
506174.90	3614933.00	0.02012	506199.90	3614933.00	0.02048
506224.90	3614933.00	0.02086	506249.90	3614933.00	0.02126
506274.90	3614933.00	0.02179	506299.90	3614933.00	0.02245
506324.90	3614933.00	0.02301	505949.90	3614958.00	0.01761
505974.90	3614958.00	0.01766	505999.90	3614958.00	0.01772

506024.90 3614958.00 0.01780
506049.90 3614958.00 0.01795
506074.90 3614958.00 0.01810
506099.90 3614958.00 0.01828
506124.90 3614958.00 0.01854
506149.90 3614958.00 0.01882
506174.90 3614958.00 0.01910
506199.90 3614958.00 0.01944
506224.90 3614958.00 0.01980
506249.90 3614958.00 0.02017
506274.90 3614958.00 0.02063
506299.90 3614958.00 0.02111
506324.90 3614958.00 0.02172
505949.90 3614983.00 0.01674
505974.90 3614983.00 0.01680
505999.90 3614983.00 0.01686
506024.90 3614983.00 0.01695
506049.90 3614983.00 0.01709
506074.90 3614983.00 0.01723
506099.90 3614983.00 0.01740
506124.90 3614983.00 0.01766
506149.90 3614983.00 0.01792
506174.90 3614983.00 0.01819
506199.90 3614983.00 0.01851
506224.90 3614983.00 0.01885
506249.90 3614983.00 0.01920
506274.90 3614983.00 0.01961
506299.90 3614983.00 0.02004
506324.90 3614983.00 0.02050
505949.90 3615008.00 0.01614
505974.90 3615008.00 0.01620
505999.90 3615008.00 0.01627
506024.90 3615008.00 0.01637
506049.90 3615008.00 0.01650
506074.90 3615008.00 0.01664
506099.90 3615008.00 0.01680
506124.90 3615008.00 0.01701
506149.90 3615008.00 0.01724
506174.90 3615008.00 0.01747
506199.90 3615008.00 0.01774
506224.90 3615008.00 0.01803
506249.90 3615008.00 0.01832
506274.90 3615008.00 0.01870
506299.90 3615008.00 0.01911
506324.90 3615008.00 0.01953
505949.90 3615033.00 0.01558
505974.90 3615033.00 0.01565
505999.90 3615033.00 0.01572

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
506024.90	3615033.00	0.01582	506049.90	3615033.00	0.01595
506074.90	3615033.00	0.01609	506099.90	3615033.00	0.01624
506124.90	3615033.00	0.01642	506149.90	3615033.00	0.01661
506174.90	3615033.00	0.01681	506199.90	3615033.00	0.01705
506224.90	3615033.00	0.01729	506249.90	3615033.00	0.01754
506274.90	3615033.00	0.01790	506299.90	3615033.00	0.01828
506324.90	3615033.00	0.01868	505949.90	3615058.00	0.01505
505974.90	3615058.00	0.01513	505999.90	3615058.00	0.01521
506024.90	3615058.00	0.01531	506049.90	3615058.00	0.01544
506074.90	3615058.00	0.01557	506099.90	3615058.00	0.01572
506124.90	3615058.00	0.01588	506149.90	3615058.00	0.01604
506174.90	3615058.00	0.01622	506199.90	3615058.00	0.01642
506224.90	3615058.00	0.01663	506249.90	3615058.00	0.01685
506274.90	3615058.00	0.01719	506299.90	3615058.00	0.01754
506324.90	3615058.00	0.01792	505949.90	3615083.00	0.01457
505974.90	3615083.00	0.01466	505999.90	3615083.00	0.01475

506024.90 3615083.00 0.01485
506049.90 3615083.00 0.01497
506074.90 3615083.00 0.01510
506099.90 3615083.00 0.01524
506124.90 3615083.00 0.01538
506149.90 3615083.00 0.01553
506174.90 3615083.00 0.01569
506199.90 3615083.00 0.01588
506224.90 3615083.00 0.01607
506249.90 3615083.00 0.01627
506274.90 3615083.00 0.01659
506299.90 3615083.00 0.01692
506324.90 3615083.00 0.01727
505949.90 3615108.00 0.01416
505974.90 3615108.00 0.01424
505999.90 3615108.00 0.01433
506024.90 3615108.00 0.01444
506049.90 3615108.00 0.01456
506074.90 3615108.00 0.01468
506099.90 3615108.00 0.01481
506124.90 3615108.00 0.01495
506149.90 3615108.00 0.01509
506174.90 3615108.00 0.01524
506199.90 3615108.00 0.01543
506224.90 3615108.00 0.01562
506249.90 3615108.00 0.01581
506274.90 3615108.00 0.01610
506299.90 3615108.00 0.01641
506324.90 3615108.00 0.01672
505949.90 3615133.00 0.01378
505974.90 3615133.00 0.01386
505999.90 3615133.00 0.01396
506024.90 3615133.00 0.01406
506049.90 3615133.00 0.01418
506074.90 3615133.00 0.01430
506099.90 3615133.00 0.01442
506124.90 3615133.00 0.01456
506149.90 3615133.00 0.01470
506174.90 3615133.00 0.01484
506199.90 3615133.00 0.01503
506224.90 3615133.00 0.01521
506249.90 3615133.00 0.01541
506274.90 3615133.00 0.01567
506299.90 3615133.00 0.01595
506324.90 3615133.00 0.01624
505949.90 3615158.00 0.01343
505974.90 3615158.00 0.01352
505999.90 3615158.00 0.01362

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
506024.90	3615158.00	0.01372	506049.90	3615158.00	0.01383
506074.90	3615158.00	0.01395	506099.90	3615158.00	0.01408
506124.90	3615158.00	0.01421	506149.90	3615158.00	0.01434
506174.90	3615158.00	0.01449	506199.90	3615158.00	0.01467
506224.90	3615158.00	0.01485	506249.90	3615158.00	0.01504
506274.90	3615158.00	0.01528	506299.90	3615158.00	0.01553
506324.90	3615158.00	0.01579	505949.90	3615183.00	0.01311
505974.90	3615183.00	0.01320	505999.90	3615183.00	0.01330
506024.90	3615183.00	0.01341	506049.90	3615183.00	0.01352
506074.90	3615183.00	0.01364	506099.90	3615183.00	0.01376
506124.90	3615183.00	0.01389	506149.90	3615183.00	0.01402
506174.90	3615183.00	0.01417	506199.90	3615183.00	0.01434
506224.90	3615183.00	0.01452	506249.90	3615183.00	0.01470
506274.90	3615183.00	0.01492	506299.90	3615183.00	0.01515
506324.90	3615183.00	0.01538	505949.90	3615208.00	0.01281
505974.90	3615208.00	0.01291	505999.90	3615208.00	0.01302

506024.90 3615208.00 0.01312
506049.90 3615208.00 0.01323
506074.90 3615208.00 0.01335
506099.90 3615208.00 0.01347
506124.90 3615208.00 0.01360
506149.90 3615208.00 0.01373
506174.90 3615208.00 0.01386
506199.90 3615208.00 0.01405
506224.90 3615208.00 0.01422
506249.90 3615208.00 0.01439
506274.90 3615208.00 0.01459
506299.90 3615208.00 0.01479
506324.90 3615208.00 0.01499
505949.90 3615233.00 0.01255
505974.90 3615233.00 0.01265
505999.90 3615233.00 0.01276
506024.90 3615233.00 0.01287
506049.90 3615233.00 0.01298
506074.90 3615233.00 0.01309
506099.90 3615233.00 0.01321
506124.90 3615233.00 0.01334
506149.90 3615233.00 0.01346
506174.90 3615233.00 0.01360
506199.90 3615233.00 0.01376
506224.90 3615233.00 0.01394
506249.90 3615233.00 0.01410
506274.90 3615233.00 0.01428
506299.90 3615233.00 0.01446
506324.90 3615233.00 0.01463
505949.90 3615258.00 0.01232
505974.90 3615258.00 0.01242
505999.90 3615258.00 0.01253
506024.90 3615258.00 0.01264
506049.90 3615258.00 0.01275
506074.90 3615258.00 0.01285
506099.90 3615258.00 0.01296
506124.90 3615258.00 0.01309
506149.90 3615258.00 0.01322
506174.90 3615258.00 0.01335
506199.90 3615258.00 0.01351
506224.90 3615258.00 0.01367
506249.90 3615258.00 0.01382
506274.90 3615258.00 0.01398
506299.90 3615258.00 0.01414
506324.90 3615258.00 0.01429
507913.94 3615754.22 0.01127
508011.54 3615650.87 0.01310
508109.55 3614521.25 0.98796

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
508113.76	3614478.12	1.05348	508117.96	3614435.00	1.05149
508122.17	3614391.88	1.00708	508127.23	3614538.92	0.79743
508136.54	3614502.11	0.84898	508140.74	3614458.99	0.86343
508144.95	3614415.87	0.84291	508149.15	3614372.74	0.74626
508152.11	3614541.35	0.69496	508161.42	3614504.54	0.72893
508165.62	3614461.42	0.74066	508169.83	3614418.29	0.71767
508174.04	3614375.17	0.64444	508176.99	3614543.78	0.62124
508162.58	3614574.28	0.59222	508186.30	3614506.97	0.64582
508190.51	3614463.84	0.65369	508194.71	3614420.72	0.63110
508198.92	3614377.60	0.57211	508108.81	3614344.73	0.81590
508087.09	3614335.90	0.86974	508065.37	3614327.06	0.92519
508043.66	3614318.23	0.99241	508021.94	3614309.40	1.09449
508010.17	3614233.89	1.06751	508130.21	3614331.80	0.66660
508096.51	3614312.74	0.71634	508074.79	3614303.91	0.77351
508053.08	3614295.07	0.85173	508031.36	3614286.24	0.95941
508011.63	3614277.40	1.10878	508139.63	3614308.64	0.58470

508167.06 3614344.45 0.59384
508105.93 3614289.58 0.63927
508084.21 3614280.75 0.69564
508062.49 3614271.92 0.76969
508040.78 3614263.08 0.86884
508019.06 3614254.25 1.00906
508153.04 3614288.90 0.52887
508189.62 3614336.64 0.52473
508115.35 3614266.43 0.58643
508093.63 3614257.59 0.63922
508071.91 3614248.76 0.70667
508050.20 3614239.92 0.79573
508028.48 3614231.09 0.91026
508011.84 3614203.25 1.01731
508011.05 3614179.32 0.99982
508010.26 3614155.40 0.98250
508009.47 3614131.47 0.96160
508008.68 3614107.54 0.93847
508007.89 3614083.61 0.91058
508007.10 3614059.68 0.87591
508006.31 3614035.75 0.82328
508005.53 3614011.82 0.72352
508004.74 3613987.90 0.51897
508036.83 3614202.43 0.82811
508036.04 3614178.50 0.80979
508035.25 3614154.57 0.79148
508034.46 3614130.64 0.76954
508033.67 3614106.71 0.74432
508032.88 3614082.79 0.71613
508032.09 3614058.86 0.68066
508031.30 3614034.93 0.62765
508030.51 3614011.00 0.54233
508029.72 3613987.07 0.42136
508061.81 3614201.60 0.70490
508061.02 3614177.68 0.68725
508060.23 3614153.75 0.66868
508059.44 3614129.82 0.64614
508058.66 3614105.89 0.62252
508057.87 3614081.96 0.59488
508057.08 3614058.03 0.55953
508056.29 3614034.10 0.50969
508055.50 3614010.18 0.44072
508054.71 3613986.25 0.35806
508087.59 3614224.71 0.62935
508086.80 3614200.78 0.61216
508086.01 3614176.85 0.59593
508085.22 3614152.92 0.57908
508084.43 3614128.99 0.55883

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
508083.64	3614105.07	0.53621	508082.85	3614081.14	0.50948
508082.06	3614057.21	0.47581	508081.27	3614033.28	0.43052
508080.48	3614009.35	0.37490	508079.70	3613985.42	0.31453
507979.33	3613963.72	0.39938	507935.16	3613964.46	0.49598
507890.99	3613965.20	0.63491	507996.56	3613945.61	0.29881
507956.83	3613939.10	0.33108	507912.65	3613939.84	0.40491
507868.48	3613940.58	0.53603	507996.15	3613920.62	0.23689
508039.20	3613951.67	0.27131	507956.41	3613914.10	0.25984
507912.24	3613914.84	0.30723	507868.06	3613915.58	0.37689
507995.73	3613895.62	0.19454	508031.03	3613909.39	0.19559
508056.43	3613933.56	0.22050	507955.99	3613889.10	0.20908
507911.82	3613889.84	0.23909	507867.64	3613890.58	0.27285
507835.28	3613920.07	0.51740	507817.97	3613902.40	0.41159
507800.67	3613884.73	0.30261	507835.84	3613884.91	0.27820
507818.54	3613867.24	0.23397	507888.30	3613902.76	0.29375
507853.70	3613867.42	0.22055	507836.40	3613849.75	0.19670

507888.86 3613867.60 0.20679
507871.56 3613849.93 0.18563
507854.26 3613832.26 0.17055
507776.18 3613878.11 0.28770
507739.37 3613888.23 0.31158
507702.55 3613898.35 0.30134
507782.70 3613853.98 0.22382
507751.15 3613859.07 0.24120
507714.33 3613869.19 0.25085
507776.08 3613829.87 0.19287
507813.71 3613836.46 0.18758
507744.52 3613834.96 0.20750
507707.71 3613845.08 0.21789
507773.83 3613805.76 0.17141
507824.01 3613814.54 0.16415
507737.90 3613810.86 0.18363
507701.08 3613820.98 0.19454
507675.07 3613926.28 0.31935
507660.96 3613945.09 0.33137
507646.85 3613963.91 0.34033
507632.74 3613982.72 0.34693
507618.62 3614001.54 0.35181
507604.51 3614020.35 0.35488
507590.40 3614039.17 0.35477
507576.29 3614057.98 0.34997
507562.18 3614076.80 0.33890
507682.55 3613883.35 0.25265
507655.07 3613911.28 0.26533
507640.96 3613930.09 0.27472
507626.85 3613948.91 0.28217
507612.73 3613967.72 0.28791
507598.62 3613986.54 0.29224
507584.51 3614005.35 0.29492
507570.40 3614024.17 0.29589
507556.29 3614042.99 0.29399
507542.18 3614061.80 0.29131
507662.55 3613868.35 0.22445
507635.07 3613896.28 0.23405
507620.96 3613915.09 0.24106
507606.85 3613933.91 0.24695
507592.73 3613952.72 0.25198
507578.62 3613971.54 0.25595
507564.51 3613990.35 0.25838
507550.40 3614009.17 0.26007
507536.29 3614027.99 0.26112
507522.18 3614046.80 0.26088
507647.01 3613850.32 0.20436
507615.07 3613881.28 0.21220

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
507600.96	3613900.09	0.21730	507586.85	3613918.91	0.22198
507572.73	3613937.72	0.22615	507558.62	3613956.54	0.22983
507544.51	3613975.35	0.23232	507530.40	3613994.17	0.23466
507516.29	3614012.99	0.23695	507502.18	3614031.80	0.23845
507556.82	3614114.60	0.35961	507556.45	3614137.79	0.37565
507556.08	3614160.98	0.39228	507555.71	3614184.17	0.41156
507555.34	3614207.36	0.43502	507554.98	3614230.56	0.46614
507554.61	3614253.75	0.50842	507554.24	3614276.94	0.57256
507553.87	3614300.13	0.68811	507532.19	3614091.01	0.29994
507531.82	3614114.20	0.31532	507531.45	3614137.39	0.33078
507531.08	3614160.58	0.34761	507530.71	3614183.77	0.36731
507530.35	3614206.97	0.39217	507529.98	3614230.16	0.42449
507529.61	3614253.35	0.46982	507529.24	3614276.54	0.53857
507528.87	3614299.73	0.65877	507514.68	3614068.71	0.26820
507507.19	3614090.61	0.27593	507506.82	3614113.80	0.29043
507506.45	3614136.99	0.30581	507506.09	3614160.19	0.32341

507505.72 3614183.38 0.34382
507505.35 3614206.57 0.36935
507504.98 3614229.76 0.40334
507504.61 3614252.95 0.45086
507504.25 3614276.15 0.52190
507503.88 3614299.34 0.64343
507488.85 3614070.74 0.25196
507481.82 3614113.41 0.27391
507481.46 3614136.60 0.28986
507481.09 3614159.79 0.30781
507480.72 3614182.98 0.32936
507480.35 3614206.17 0.35637
507479.98 3614229.37 0.39213
507479.62 3614252.56 0.44118
507479.25 3614275.75 0.51278
507478.88 3614298.94 0.63354
507457.26 3614306.44 0.69337
507433.34 3614307.97 0.71777
507409.41 3614309.50 0.74787
507385.48 3614311.04 0.78272
507361.55 3614312.57 0.83091
507337.63 3614314.10 0.88695
507313.70 3614315.64 0.93869
507289.77 3614317.17 0.99540
507455.66 3614281.49 0.53590
507431.74 3614283.02 0.55207
507407.81 3614284.56 0.57486
507383.88 3614286.09 0.60595
507359.95 3614287.62 0.65356
507336.03 3614289.16 0.71214
507312.10 3614290.69 0.77253
507288.17 3614292.22 0.83779
507454.07 3614256.54 0.45032
507430.14 3614258.07 0.46273
507406.21 3614259.61 0.48146
507382.28 3614261.14 0.51051
507358.36 3614262.67 0.55557
507334.43 3614264.21 0.61169
507310.50 3614265.74 0.67183
507286.57 3614267.27 0.73746
507452.47 3614231.59 0.39335
507428.54 3614233.12 0.40183
507404.61 3614234.66 0.41680
507380.68 3614236.19 0.44254
507356.76 3614237.72 0.48417
507332.83 3614239.26 0.53761
507308.90 3614240.79 0.59668
507284.97 3614242.32 0.66273

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
507269.78	3614329.52	1.10361	507258.32	3614349.16	1.21353
507246.87	3614368.79	1.34376	507235.42	3614388.42	1.34990
507223.96	3614408.06	1.33163	507212.51	3614427.69	1.30015
507201.06	3614447.32	1.26016	507189.60	3614466.96	1.20341
507178.15	3614486.59	1.11508	507166.70	3614506.22	0.96862
507256.64	3614308.25	0.96158	507236.73	3614336.56	1.03859
507225.27	3614356.19	1.13352	507213.82	3614375.83	1.13752
507202.37	3614395.46	1.12303	507190.91	3614415.09	1.09511
507179.46	3614434.73	1.05676	507168.01	3614454.36	1.00488
507156.55	3614473.99	0.92976	507145.10	3614493.63	0.82206
507239.27	3614291.32	0.89813	507215.13	3614323.96	0.99279
507203.68	3614343.59	1.00248	507192.23	3614363.23	1.00395
507180.77	3614382.86	0.99104	507169.32	3614402.49	0.96635
507157.87	3614422.13	0.93131	507146.41	3614441.76	0.88508
507134.96	3614461.39	0.81662	507123.51	3614481.03	0.73125
507216.27	3614280.17	0.89825	507254.20	3614252.14	0.77185

507193.54 3614311.36 0.91068
507182.09 3614331.00 0.91065
507170.63 3614350.63 0.90681
507159.18 3614370.26 0.89391
507147.73 3614389.90 0.87111
507136.27 3614409.53 0.83917
507124.82 3614429.16 0.79820
507113.37 3614448.80 0.73868
507101.91 3614468.43 0.66236
507166.40 3614530.90 0.88510
507177.95 3614551.82 0.89267
507189.49 3614572.73 0.88101
507201.04 3614593.65 0.85392
507212.58 3614614.57 0.82068
507224.13 3614635.48 0.78607
507235.68 3614656.40 0.74469
507247.22 3614677.32 0.69627
507258.77 3614698.23 0.64004
507270.31 3614719.15 0.57464
507281.86 3614740.06 0.49864
507293.40 3614760.98 0.41372
507141.40 3614530.60 0.71608
507156.06 3614563.90 0.69354
507167.61 3614584.82 0.67930
507179.15 3614605.73 0.65787
507190.70 3614626.65 0.63230
507202.24 3614647.56 0.60144
507213.79 3614668.48 0.56587
507225.33 3614689.40 0.52576
507236.88 3614710.31 0.48117
507248.42 3614731.23 0.43228
507259.97 3614752.15 0.38051
507271.52 3614773.06 0.32902
507117.96 3614536.50 0.60135
507134.17 3614575.98 0.56887
507145.72 3614596.90 0.55374
507157.27 3614617.81 0.53432
507168.81 3614638.73 0.51258
507180.36 3614659.65 0.48722
507191.90 3614680.56 0.45808
507203.45 3614701.48 0.42509
507214.99 3614722.39 0.38950
507226.54 3614743.31 0.35197
507238.08 3614764.23 0.31393
507249.63 3614785.14 0.27781
507096.59 3614550.64 0.51003
507092.84 3614501.23 0.58034
507112.29 3614588.06 0.48057

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
507123.83	3614608.98	0.46584	507135.38	3614629.89	0.44893
507146.92	3614650.81	0.42941	507158.47	3614671.73	0.40732
507170.01	3614692.64	0.38284	507181.56	3614713.56	0.35636
507193.11	3614734.48	0.32788	507204.65	3614755.39	0.29812
507216.20	3614776.31	0.26891	507227.74	3614797.23	0.24171
507318.96	3614773.63	0.39919	507343.31	3614770.02	0.48948
507367.66	3614766.41	0.58276	507392.01	3614762.80	0.66339
507416.37	3614759.19	0.72776	507440.72	3614755.58	0.77122
507465.07	3614751.97	0.80251	507489.43	3614748.36	0.78179
507513.78	3614744.75	0.77173	507538.13	3614741.14	0.75375
507562.48	3614737.53	0.73754	507586.84	3614733.92	0.72408
507611.19	3614730.31	0.71339	507635.54	3614726.69	0.70471
507659.89	3614723.08	0.69750	507684.25	3614719.47	0.69133
507708.60	3614715.86	0.68566	507732.95	3614712.25	0.68041
507757.30	3614708.64	0.67554	507781.66	3614705.03	0.67041
507806.01	3614701.42	0.66556	507830.36	3614697.81	0.66171

507854.72	3614694.20	0.65784
507879.07	3614690.59	0.65366
507903.42	3614686.98	0.64832
507927.77	3614683.37	0.64150
507952.13	3614679.76	0.63202
507307.87	3614796.04	0.29728
507346.98	3614794.75	0.33486
507371.33	3614791.14	0.37616
507395.68	3614787.53	0.41895
507420.03	3614783.92	0.45975
507444.39	3614780.31	0.49113
507468.74	3614776.70	0.51880
507493.09	3614773.09	0.51672
507517.44	3614769.48	0.51805
507541.80	3614765.87	0.51118
507566.15	3614762.26	0.50620
507590.50	3614758.65	0.50329
507614.85	3614755.03	0.50234
507639.21	3614751.42	0.50160
507663.56	3614747.81	0.50087
507687.91	3614744.20	0.50016
507712.27	3614740.59	0.49899
507736.62	3614736.98	0.49753
507760.97	3614733.37	0.49640
507785.32	3614729.76	0.49468
507809.68	3614726.15	0.49280
507834.03	3614722.54	0.49161
507858.38	3614718.93	0.48999
507882.73	3614715.32	0.48775
507907.09	3614711.71	0.48474
507931.44	3614708.10	0.48081
507955.79	3614704.49	0.47577
507304.15	3614819.60	0.24355
507350.64	3614819.48	0.26425
507374.99	3614815.87	0.28472
507399.35	3614812.26	0.30792
507423.70	3614808.65	0.33224
507448.05	3614805.04	0.35270
507472.40	3614801.43	0.37257
507496.76	3614797.82	0.39106
507521.11	3614794.21	0.37650
507545.46	3614790.60	0.37266
507569.82	3614786.99	0.37047
507594.17	3614783.37	0.37041
507618.52	3614779.76	0.37222
507642.87	3614776.15	0.37449
507667.23	3614772.54	0.37679
507691.58	3614768.93	0.37898

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
507715.93	3614765.32	0.38068	507740.28	3614761.71	0.38190
507764.64	3614758.10	0.38325	507788.99	3614754.49	0.38409
507813.34	3614750.88	0.38430	507837.70	3614747.27	0.38508
507862.05	3614743.66	0.38527	507886.40	3614740.05	0.38490
507910.75	3614736.44	0.38394	507935.11	3614732.83	0.38235
507959.46	3614729.22	0.38012	507310.28	3614844.72	0.20778
507256.53	3614824.76	0.21647	507354.31	3614844.21	0.21962
507378.66	3614840.60	0.23156	507403.01	3614836.99	0.24522
507427.37	3614833.38	0.25906	507451.72	3614829.77	0.27217
507476.07	3614826.16	0.28561	507500.42	3614822.55	0.29884
507524.78	3614818.94	0.28965	507549.13	3614815.33	0.28875
507573.48	3614811.71	0.28723	507597.83	3614808.10	0.28550
507622.19	3614804.49	0.28632	507646.54	3614800.88	0.28886
507670.89	3614797.27	0.29212	507695.25	3614793.66	0.29516
507719.60	3614790.05	0.29798	507743.95	3614786.44	0.30057
507768.30	3614782.83	0.30323	507792.66	3614779.22	0.30541

	507817.01	3614775.61	0.30716	507841.36	3614772.00
0.30909					
	507865.71	3614768.39	0.31047	507890.07	3614764.78
0.31139					
	507914.42	3614761.17	0.31185	507938.77	3614757.56
0.31178					
	507963.13	3614753.95	0.31124	507983.16	3614655.68
0.79256					
	508000.19	3614638.66	0.86992	508017.22	3614621.63
0.91121					
	508034.24	3614604.60	0.93430	508051.27	3614587.58
0.94820					
	508068.30	3614570.55	0.95662	508085.32	3614553.52
0.95948					
	507983.82	3614690.39	0.51638	508000.84	3614673.36
0.58794					
	508017.87	3614656.33	0.65228	508034.89	3614639.31
0.69760					
	508051.92	3614622.28	0.72699	508068.95	3614605.25
0.74682					
	508085.97	3614588.23	0.75943	508103.00	3614571.20
0.76665					
	507980.48	3614718.64	0.40183	508001.49	3614708.06
0.42419					
	508018.52	3614691.04	0.47414	508035.55	3614674.01
0.52355					
	508052.57	3614656.98	0.56497	508069.60	3614639.96
0.59734					
	508086.62	3614622.93	0.62079	508103.65	3614605.91
0.63706					
	508120.68	3614588.88	0.64779	508137.70	3614571.85
0.65465					
	508000.49	3614735.14	0.34254	508036.20	3614708.71
0.39673					
	508053.22	3614691.69	0.43614	508070.25	3614674.66
0.47247					
	508087.28	3614657.64	0.50371	508104.30	3614640.61
0.52847					
	508121.33	3614623.58	0.54717	508138.35	3614606.56
0.56203					

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)	505287.89	505537.89	505787.89	506037.89	506287.89
3616818.9	3.05073 (11022308)	5.06958 (12121309)	7.61503 (12121309)	10.84267 (11012509)	13.94181 (11012509)
3616568.9	8.87780 (10020908)	3.37527 (10020908)	6.02213 (12121309)	8.54318 (12121309)	13.25733 (11012509)
3616318.9	22.13462 (10020908)	12.07995 (10020908)	4.74831 (10020908)	8.86775 (10101808)	10.82520 (11012509)
3616068.9	36.20674 (10020908)	28.13007 (10020908)	16.50196 (10020908)	7.10149 (10101808)	10.14157 (10101808)
3615818.9	36.70446 (10020908)	40.47110 (10020908)	34.98852 (10020908)	22.50360 (10020908)	9.94407 (10020908)
3615568.9	21.38468 (10020908)	33.50237 (10020908)	42.64791 (10020908)	41.99252 (10020908)	30.33468 (10020908)
3615318.9	7.87862 (12120308)	14.45505 (10020908)	27.16755 (10020908)	41.29310 (10020908)	47.64485 (10020908)
3615068.9	11.25280 (11020709)	10.59242 (11120108)	9.59431 (11120808)	18.56774 (10020908)	35.38738 (10020908)
3614818.9	25.13924 (10111608)	24.94543 (10111608)	25.01746 (11120208)	23.08982 (10111608)	21.59054 (10111608)
3614568.9	32.05142 (10111608)	51.65931 (11120208)	54.23426 (11120208)	56.93922 (11120208)	61.13645 (11120208)
3614318.9	47.05361 (10120208)	50.45067 (10120208)	97.55171 (11011808)	96.89623 (11011808)	147.35968 (11011808)
3614068.9	44.22038 (11120708)	107.43979 (11120708)	136.96442 (11120708)	168.94968 (11120708)	204.62450 (12010408)
3613818.9	100.65585 (11120708)	130.89565 (11120708)	164.05365 (12010408)	191.31927 (12010408)	202.47923 (12122108)
3613568.9	125.78258 (12010408)	150.95841 (12010408)	158.60891 (12011808)	185.68646 (12122108)	166.03052 (10011408)

3613318.9	130.19317 (12011808)	148.58534 (12122108)	131.59643 (12012608)	147.65501 (10011408)	155.57197 (10011408)
3613068.9	136.55314 (12122108)	156.18736 (10011408)	145.26805 (10011408)	132.51383 (10011408)	129.77127 (11011708)
3612818.9	145.19965 (10011408)	154.87286 (10011408)	140.48435 (10011408)	116.02558 (12011208)	125.36516 (11010508)
3612568.9	135.47766 (10011408)	119.76391 (10011408)	113.21688 (12011208)	111.50547 (11010508)	119.28160 (11010508)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)	506537.89	506787.89	507037.89	507287.89	507537.89
3616818.9	14.83204 (10011209)	17.11090 (10011209)	12.89464 (10011209)	6.07005 (10011209)	4.52532 (10012510)
3616568.9	14.59101 (11012509)	17.86263 (10011209)	15.67901 (10011209)	8.42244 (10011209)	4.92875 (10012510)
3616318.9	15.38025 (11012509)	17.38823 (10011209)	18.22860 (10011209)	11.42388 (10011209)	6.35515 (12111510)
3616068.9	14.01444 (11012509)	32.90718 (11012509)	20.00406 (10011209)	25.93249 (11111708)	16.51896 (11111708)
3615818.9	19.99100 (12121309)	34.27254 (11012509)	31.59529 (11012509)	37.44420 (10011209)	29.19168 (11111708)
3615568.9	14.93654 (12121309)	29.39319 (11012509)	38.38077 (10011209)	50.72923 (11111708)	54.14315 (12121708)
3615318.9	39.73418 (10020908)	26.58432 (11112408)	135.18568 (11112408)	109.36807 (12121808)	86.22114 (12121708)
3615068.9	49.78720 (10020908)	102.65379 (10020908)	388.27639 (12011608)	258.06811 (11112408)	87.93634 (12121808)
3614818.9	66.65661 (12122708)	317.71365 (12011608)	405.25593 (12011608)	460.88257 (11112408)	290.40243 (11112408)
3614568.9	319.46016 (11011808)	372.84575 (11011808)	429.81813 (11011808)	494.58604 (11011808)	97.01643 (11111708)
3614318.9	226.68404 (11011808)	223.95304 (11120708)	384.00720 (12010408)	357.30478 (12011808)	64.55378 (10020908)
3614068.9	202.67524 (12010408)	228.18191 (12122108)	325.39218 (10011408)	84.57762 (12020208)	57.06929 (10120108)
3613818.9	190.43788 (10011408)	220.76174 (10011408)	167.86955 (10010608)	45.50312 (10120108)	49.55834 (12012309)
3613568.9	179.52259 (10011408)	226.16208 (10011408)	43.41669 (12020208)	45.69866 (12020808)	35.48529 (11011309)

3613318.9 | 151.24743 (10011408) 106.42724 (12020208) 39.68457 (12012309) 36.18940 (12020609) 21.31149 (11021808)
3613068.9 | 146.60671 (11011708) 39.56111 (12020808) 28.88954 (12020609) 28.68572 (11021808) 18.78867 (11123009)
3612818.9 | 182.26473 (10010508) 37.84158 (12020808) 40.77400 (12011109) 22.13131 (10122409) 18.83167 (11123009)
3612568.9 | 165.98654 (10010508) 258.87382 (10010508) 71.52458 (12020308) 32.15431 (10110108) 27.86644 (11101308)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)	507787.89	508037.89	508287.89	508537.89	508787.89
3616818.9	3.99271 (10040908)	4.92246 (11011809)	18.04970 (11011809)	22.71511 (11011809)	20.24663 (11011809)	
3616568.9	4.24249 (10040908)	12.98801 (11011809)	20.96570 (11011809)	23.81477 (11011809)	18.26389 (11011809)	
3616318.9	7.21790 (11011809)	16.45044 (11011809)	23.64055 (11011809)	23.77155 (11011809)	15.05184 (11011809)	
3616068.9	12.90207 (12121708)	19.98766 (11011809)	25.78925 (11011809)	22.31496 (11011809)	13.30539 (10111908)	
3615818.9	17.61981 (12121708)	23.17638 (11011809)	27.10040 (11011809)	19.04210 (11011809)	17.21722 (10111908)	
3615568.9	18.45954 (11011809)	25.89265 (11011809)	27.20616 (11011809)	17.04888 (10111908)	19.26406 (10111908)	
3615318.9	21.61364 (11011809)	28.60858 (11011809)	24.98316 (11011809)	20.12696 (11121409)	17.40133 (10111908)	
3615068.9	36.80194 (11111708)	31.77379 (11011809)	24.01474 (11121409)	28.23394 (11121409)	13.77021 (11121409)	
3614818.9	55.12958 (11111708)	38.95361 (10111908)	30.21118 (11121409)	27.96273 (11121409)	13.17418 (12091408)	
3614568.9	49.16584 (11111708)	46.49009 (11111709)	28.20515 (11111709)	21.36202 (10011210)	20.01708 (10011210)	
3614318.9	48.10191 (11110308)	47.33547 (10120309)	44.19131 (11111709)	30.39790 (11111709)	23.08587 (11111709)	
3614068.9	75.84463 (11110308)	52.03666 (11110308)	27.40028 (11111709)	19.55780 (11111709)	19.90352 (10120309)	
3613818.9	90.14204 (12010309)	57.90757 (11110308)	23.49140 (10081808)	20.17914 (10111809)	14.57041 (10111809)	
3613568.9	58.38882 (12010309)	43.49308 (11110308)	23.00933 (11110308)	18.46600 (10111809)	19.59193 (10111809)	

3613318.9	38.11908 (12010309)	30.16957 (11110308)	27.02265 (11110308)	15.69853 (10120609)	15.37443 (10111809)
3613068.9	27.96592 (12010309)	18.88346 (11110308)	27.22394 (11110308)	20.01046 (10120609)	11.59411 (10120609)
3612818.9	23.03239 (11123009)	15.86131 (12010309)	24.03737 (11110308)	21.30189 (11110308)	16.69392 (10120609)
3612568.9	37.98996 (10011509)	14.54181 (12010309)	18.71900 (11110308)	23.45414 (11110308)	18.64658 (10120609)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)	509037.89	509287.89	509537.89
3616818.9	8.10657 (12101908)	9.92308 (10111908)	14.03341 (10111908)
3616568.9	9.29394 (10111908)	13.92084 (10111908)	16.36378 (10111908)
3616318.9	13.67172 (10111908)	16.82690 (10111908)	16.24265 (10111908)
3616068.9	17.13298 (10111908)	17.29601 (10111908)	13.05512 (10111908)
3615818.9	18.33926 (10111908)	14.25541 (10111908)	11.25720 (11121409)
3615568.9	15.68626 (10111908)	12.31947 (11121409)	11.69405 (11121409)
3615318.9	13.20988 (11121409)	11.68474 (11121409)	8.86623 (11121409)
3615068.9	11.16987 (11121409)	7.60597 (11121409)	5.24668 (12091408)
3614818.9	12.73164 (12091408)	11.92236 (12091408)	8.66362 (11011810)
3614568.9	12.87995 (10120810)	12.10004 (10120810)	11.46814 (10120810)
3614318.9	18.96195 (11111709)	16.27303 (11111709)	14.14092 (11111709)
3614068.9	20.12776 (10120309)	18.75868 (10120309)	17.15662 (11111709)
3613818.9	14.63647 (12010210)	16.01878 (10120309)	17.24712 (10120309)
3613568.9	15.75600 (10111809)	12.48901 (11040108)	12.74026 (12010210)

3613318.9	18.14094	(10111809)	16.16422	(10111809)	11.59803	(10111809)
3613068.9	12.82411	(10111809)	16.33259	(10111809)	15.89455	(10111809)
3612818.9	8.21136	(10120609)	10.79709	(10111809)	14.50473	(10111809)
3612568.9	13.19918	(10120609)	11.86738	(11090808)	12.26968	(10081808)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
506189.72	3613721.07	201.10386	(12122108)	506207.45	3613685.24	199.92533	(12122108)
505750.15	3614222.52	92.00447	(11011808)	505775.15	3614222.52	93.94624	(11011808)
505800.15	3614222.52	95.11643	(11011808)	505825.15	3614222.52	96.03051	(11011808)
505750.15	3614247.52	93.37243	(11011808)	505775.15	3614247.52	96.41498	(11011808)
505800.15	3614247.52	97.93316	(11011808)	505825.15	3614247.52	98.93707	(11011808)
505850.15	3614247.52	99.94179	(11011808)	505750.15	3614272.52	92.24308	(11011808)
505775.15	3614272.52	97.88750	(11011808)	505800.15	3614272.52	99.23722	(11011808)
505825.15	3614272.52	98.81686	(11011808)	505850.15	3614272.52	98.32083	(11011808)
505750.15	3614297.52	88.22882	(11011808)	505775.15	3614297.52	97.33995	(11011808)
505800.15	3614297.52	98.34731	(11011808)	505825.15	3614297.52	96.08387	(11011808)
505850.15	3614297.52	93.65102	(11011808)	505875.15	3614297.52	92.97495	(11011808)
505750.15	3614322.52	82.26694	(11011808)	505775.15	3614322.52	94.75200	(11011808)
505800.15	3614322.52	95.31487	(11011808)	505825.15	3614322.52	90.98143	(11011808)
505850.15	3614322.52	86.53361	(11011808)	505875.15	3614322.52	84.78545	(11011808)
505750.15	3614347.52	71.22777	(11011808)	505775.15	3614347.52	83.81752	(11011808)
505800.15	3614347.52	84.33101	(11011808)	505825.15	3614347.52	79.81478	(11011808)

505850.15 3614347.52 75.25144 (11011808)
505875.15 3614347.52 73.40911 (11011808)
505900.15 3614347.52 73.40159 (11011808)
505800.15 3614372.52 64.87141 (11011808)
505825.15 3614372.52 62.55337 (11011808)
505850.15 3614372.52 60.21115 (11011808)
505875.15 3614372.52 59.07414 (11011808)
505900.15 3614372.52 58.81404 (11011808)
505925.15 3614372.52 58.61586 (11011808)
505800.15 3614397.52 54.00257 (10120208)
505825.15 3614397.52 54.25959 (10120208)
505850.15 3614397.52 54.51428 (10120208)
505875.15 3614397.52 54.77123 (10120208)
505900.15 3614397.52 55.03063 (10120208)
505925.15 3614397.52 55.29034 (10120208)
505800.15 3614422.52 53.36686 (10120208)
505825.15 3614422.52 53.67956 (10120208)
505850.15 3614422.52 53.99560 (10120208)
505875.15 3614422.52 54.29091 (10120208)
505900.15 3614422.52 54.57599 (10120208)
505925.15 3614422.52 54.86552 (10120208)
505800.15 3614447.52 54.26776 (11120208)
505825.15 3614447.52 54.55367 (11120208)
505850.15 3614447.52 54.84415 (11120208)
505875.15 3614447.52 55.11161 (11120208)
505900.15 3614447.52 55.36495 (11120208)
505925.15 3614447.52 55.62077 (11120208)
505825.15 3614472.52 55.43899 (11120208)
505850.15 3614472.52 55.74099 (11120208)
505875.15 3614472.52 56.02134 (11120208)
505900.15 3614472.52 56.28807 (11120208)
505925.15 3614472.52 56.55684 (11120208)
505950.15 3614472.52 56.85052 (11120208)
505975.15 3614472.52 57.16939 (11120208)
506075.15 3614472.52 58.59433 (11120208)
506100.15 3614472.52 58.99364 (11120208)
506125.15 3614472.52 59.44844 (11120208)
506150.15 3614472.52 59.90988 (11120208)
505825.15 3614497.52 55.90214 (11120208)
505850.15 3614497.52 56.20954 (11120208)
505875.15 3614497.52 56.49769 (11120208)
505900.15 3614497.52 56.77230 (11120208)
505925.15 3614497.52 57.05049 (11120208)
505950.15 3614497.52 57.35155 (11120208)
505975.15 3614497.52 57.67822 (11120208)
506075.15 3614497.52 59.07926 (11120208)
506100.15 3614497.52 59.47925 (11120208)
506125.15 3614497.52 59.97735 (11120208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
506150.15	3614497.52	60.48473	(11120208)	505850.15	3614522.52	56.20932	(11120208)
505875.15	3614522.52	56.49623	(11120208)	505900.15	3614522.52	56.77088	(11120208)
505925.15	3614522.52	57.05009	(11120208)	505950.15	3614522.52	57.34970	(11120208)
505975.15	3614522.52	57.67462	(11120208)	506075.15	3614522.52	59.01485	(11120208)
506100.15	3614522.52	59.39944	(11120208)	506125.15	3614522.52	59.92132	(11120208)
506150.15	3614522.52	60.45239	(11120208)	505850.15	3614547.52	55.72249	(11120208)
505875.15	3614547.52	56.00158	(11120208)	505900.15	3614547.52	56.27461	(11120208)
505925.15	3614547.52	56.55085	(11120208)	505950.15	3614547.52	56.83834	(11120208)
505975.15	3614547.52	57.13720	(11120208)	506000.15	3614547.52	57.44051	(11120208)
506025.15	3614547.52	57.75150	(11120208)	506050.15	3614547.52	58.07439	(11120208)
506075.15	3614547.52	58.40195	(11120208)	506100.15	3614547.52	58.76251	(11120208)
506125.15	3614547.52	59.23087	(11120208)	506150.15	3614547.52	59.70674	(11120208)
505875.15	3614572.52	54.98264	(11120208)	505900.15	3614572.52	55.24349	(11120208)
505925.15	3614572.52	55.50845	(11120208)	505950.15	3614572.52	55.77280	(11120208)
505975.15	3614572.52	56.03791	(11120208)	506000.15	3614572.52	56.30562	(11120208)
506025.15	3614572.52	56.58296	(11120208)	506050.15	3614572.52	56.87677	(11120208)

506075.15 3614572.52 57.17342 (11120208)
506100.15 3614572.52 57.49182 (11120208)
506125.15 3614572.52 57.88621 (11120208)
506150.15 3614572.52 58.29706 (11120208)
505875.15 3614597.52 53.42994 (11120208)
505900.15 3614597.52 53.66525 (11120208)
505925.15 3614597.52 53.90295 (11120208)
505950.15 3614597.52 54.13592 (11120208)
505975.15 3614597.52 54.36091 (11120208)
506000.15 3614597.52 54.58603 (11120208)
506025.15 3614597.52 54.82257 (11120208)
506050.15 3614597.52 55.07825 (11120208)
506075.15 3614597.52 55.33689 (11120208)
506100.15 3614597.52 55.60816 (11120208)
506125.15 3614597.52 55.92097 (11120208)
506150.15 3614597.52 56.24004 (11120208)
505900.15 3614622.52 51.56403 (11120208)
505925.15 3614622.52 51.76518 (11120208)
505950.15 3614622.52 51.95535 (11120208)
505975.15 3614622.52 52.13233 (11120208)
506000.15 3614622.52 52.31061 (11120208)
506025.15 3614622.52 52.49707 (11120208)
506050.15 3614622.52 52.70057 (11120208)
506075.15 3614622.52 52.90575 (11120208)
506100.15 3614622.52 53.11926 (11120208)
506125.15 3614622.52 53.35950 (11120208)
506150.15 3614622.52 53.60269 (11120208)
505900.15 3614647.52 48.97556 (11120208)
505925.15 3614647.52 49.12723 (11120208)
505950.15 3614647.52 49.26730 (11120208)
505975.15 3614647.52 49.39380 (11120208)
506000.15 3614647.52 49.51954 (11120208)
506025.15 3614647.52 49.65063 (11120208)
506050.15 3614647.52 49.79224 (11120208)
506075.15 3614647.52 49.93438 (11120208)
506100.15 3614647.52 50.08385 (11120208)
506125.15 3614647.52 50.26200 (11120208)
506150.15 3614647.52 50.44137 (11120208)
505900.15 3614672.52 45.95239 (11120208)
505925.15 3614672.52 46.04947 (11120208)
505950.15 3614672.52 46.13266 (11120208)
505975.15 3614672.52 46.20343 (11120208)
506000.15 3614672.52 46.27216 (11120208)
506025.15 3614672.52 46.34231 (11120208)
506050.15 3614672.52 46.41567 (11120208)
506075.15 3614672.52 46.48788 (11120208)
506100.15 3614672.52 46.56755 (11120208)
506125.15 3614672.52 46.67935 (11120208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
506150.15	3614672.52	46.78936	(11120208)	505900.15	3614697.52	42.57018	(11120208)
505925.15	3614697.52	42.60901	(11120208)	505950.15	3614697.52	42.63445	(11120208)
505975.15	3614697.52	42.64446	(11120208)	506000.15	3614697.52	42.65156	(11120208)
506025.15	3614697.52	42.65646	(11120208)	506050.15	3614697.52	42.66033	(11120208)
506075.15	3614697.52	42.66058	(11120208)	506100.15	3614697.52	42.66815	(11120208)
506125.15	3614697.52	42.70930	(11120208)	506150.15	3614697.52	42.74814	(11120208)
505900.15	3614722.52	38.91844	(11120208)	505925.15	3614722.52	38.89876	(11120208)
505950.15	3614722.52	38.86255	(11120208)	505975.15	3614722.52	38.80864	(11120208)
506000.15	3614722.52	38.75159	(11120208)	506025.15	3614722.52	38.69244	(11120208)
506050.15	3614722.52	38.63458	(11120208)	506075.15	3614722.52	38.57275	(11120208)
506100.15	3614722.52	38.51453	(11120208)	506125.15	3614722.52	38.48256	(11120208)
506150.15	3614722.52	38.44670	(11120208)	505900.15	3614747.52	35.10019	(11120208)
505925.15	3614747.52	35.02310	(11120208)	505950.15	3614747.52	34.92803	(11120208)
505975.15	3614747.52	34.81232	(11120208)	506000.15	3614747.52	34.69206	(11120208)
506025.15	3614747.52	34.57331	(11120208)	506050.15	3614747.52	34.46084	(11120208)
506075.15	3614747.52	34.34393	(11120208)	506100.15	3614747.52	34.22630	(11120208)

506125.15 3614747.52 34.12225 (11120208)
506150.15 3614747.52 34.01342 (11120208)
505950.15 3614772.52 30.93559 (11120208)
505975.15 3614772.52 30.76384 (11120208)
506000.15 3614772.52 30.58731 (11120208)
506025.15 3614772.52 30.41454 (11120208)
506050.15 3614772.52 30.25477 (11120208)
506075.15 3614772.52 30.08864 (11120208)
506100.15 3614772.52 29.91894 (11120208)
506125.15 3614772.52 29.75187 (11120208)
506150.15 3614772.52 29.57938 (11120208)
505950.15 3614797.52 26.98915 (11120208)
505975.15 3614797.52 26.77060 (11120208)
506000.15 3614797.52 26.54625 (11120208)
506025.15 3614797.52 26.32902 (11120208)
506050.15 3614797.52 26.12838 (11120208)
506075.15 3614797.52 25.92213 (11120208)
506100.15 3614797.52 25.71005 (11120208)
506125.15 3614797.52 25.49181 (11120208)
506150.15 3614797.52 25.26703 (11120208)
505950.15 3614822.52 23.28050 (10111608)
505975.15 3614822.52 23.13214 (10111608)
506000.15 3614822.52 22.97674 (10111608)
506025.15 3614822.52 22.82328 (10111608)
506050.15 3614822.52 22.67826 (10111608)
506075.15 3614822.52 22.52665 (10111608)
506100.15 3614822.52 22.36928 (10111608)
506125.15 3614822.52 22.20981 (10111608)
506150.15 3614822.52 22.04473 (10111608)
505949.90 3614883.00 17.84359 (10111608)
505974.90 3614883.00 17.62098 (10111608)
505999.90 3614883.00 17.39359 (10111608)
506024.90 3614883.00 17.16674 (10111608)
506049.90 3614883.00 16.94676 (10111608)
506074.90 3614883.00 16.72194 (10111608)
506099.90 3614883.00 16.49417 (10111608)
506124.90 3614883.00 16.27363 (10111608)
506149.90 3614883.00 16.04796 (10111608)
506174.90 3614883.00 15.81705 (10111608)
506199.90 3614883.00 15.58893 (10111608)
506224.90 3614883.00 15.35503 (10111608)
506249.90 3614883.00 15.11638 (10111608)
506274.90 3614883.00 15.39896 (12120308)
506299.90 3614883.00 16.66105 (12120308)
506324.90 3614883.00 18.03469 (12120308)
505949.90 3614908.00 15.67512 (10111608)
505974.90 3614908.00 15.43727 (10111608)
505999.90 3614908.00 15.19363 (10111608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
506024.90	3614908.00	14.95247	(10111608)	506049.90	3614908.00	14.71739	(10111608)
506074.90	3614908.00	14.47645	(10111608)	506099.90	3614908.00	14.23543	(10111608)
506124.90	3614908.00	14.00311	(10111608)	506149.90	3614908.00	13.76514	(10111608)
506174.90	3614908.00	13.52286	(10111608)	506199.90	3614908.00	13.31587	(11020709)
506224.90	3614908.00	14.08561	(10020908)	506249.90	3614908.00	15.41171	(10020908)
506274.90	3614908.00	16.83069	(10020908)	506299.90	3614908.00	18.34079	(10020908)
506324.90	3614908.00	19.94375	(10020908)	505949.90	3614933.00	13.64886	(11020709)
505974.90	3614933.00	13.48019	(11020709)	505999.90	3614933.00	13.30542	(11020709)
506024.90	3614933.00	13.12756	(11020709)	506049.90	3614933.00	12.94880	(11020709)
506074.90	3614933.00	12.76416	(11020709)	506099.90	3614933.00	12.57783	(11020709)
506124.90	3614933.00	12.39460	(11020709)	506149.90	3614933.00	12.52648	(10020908)
506174.90	3614933.00	13.71944	(10020908)	506199.90	3614933.00	14.99863	(10020908)
506224.90	3614933.00	16.36704	(10020908)	506249.90	3614933.00	17.82168	(10020908)
506274.90	3614933.00	19.36630	(10020908)	506299.90	3614933.00	21.00032	(10020908)
506324.90	3614933.00	22.71771	(10020908)	505949.90	3614958.00	12.32742	(11020709)
505974.90	3614958.00	12.14294	(11020709)	505999.90	3614958.00	11.95278	(11020709)

506024.90 3614958.00 11.75915 (11020709)
506049.90 3614958.00 11.56571 (11020709)
506074.90 3614958.00 11.36897 (11020709)
506099.90 3614958.00 12.21705 (10020908)
506124.90 3614958.00 13.36875 (10020908)
506149.90 3614958.00 14.60349 (10020908)
506174.90 3614958.00 15.92380 (10020908)
506199.90 3614958.00 17.32646 (10020908)
506224.90 3614958.00 18.81714 (10020908)
506249.90 3614958.00 20.39256 (10020908)
506274.90 3614958.00 22.04862 (10020908)
506299.90 3614958.00 23.78380 (10020908)
506324.90 3614958.00 25.59074 (10020908)
505949.90 3614983.00 11.03127 (11020709)
505974.90 3614983.00 10.86876 (11120108)
505999.90 3614983.00 10.75146 (11120108)
506024.90 3614983.00 10.89369 (11120808)
506049.90 3614983.00 11.92005 (10020908)
506074.90 3614983.00 13.03333 (10020908)
506099.90 3614983.00 14.22629 (10020908)
506124.90 3614983.00 15.50092 (10020908)
506149.90 3614983.00 16.85465 (10020908)
506174.90 3614983.00 18.29436 (10020908)
506199.90 3614983.00 19.81307 (10020908)
506224.90 3614983.00 21.41158 (10020908)
506249.90 3614983.00 23.08739 (10020908)
506274.90 3614983.00 24.83186 (10020908)
506299.90 3614983.00 26.64142 (10020908)
506324.90 3614983.00 28.50690 (10020908)
505949.90 3615008.00 10.50450 (11120808)
505974.90 3615008.00 10.64894 (11120808)
505999.90 3615008.00 11.63526 (10020908)
506024.90 3615008.00 12.71232 (10020908)
506049.90 3615008.00 13.86540 (10020908)
506074.90 3615008.00 15.09612 (10020908)
506099.90 3615008.00 16.40391 (10020908)
506124.90 3615008.00 17.79471 (10020908)
506149.90 3615008.00 19.25989 (10020908)
506174.90 3615008.00 20.80395 (10020908)
506199.90 3615008.00 22.42221 (10020908)
506224.90 3615008.00 24.10796 (10020908)
506249.90 3615008.00 25.85969 (10020908)
506274.90 3615008.00 27.66712 (10020908)
506299.90 3615008.00 29.51841 (10020908)
506324.90 3615008.00 31.40649 (10020908)
505949.90 3615033.00 11.36238 (10020908)
505974.90 3615033.00 12.40397 (10020908)
505999.90 3615033.00 13.51948 (10020908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
506024.90	3615033.00	14.70807	(10020908)	506049.90	3615033.00	15.97375	(10020908)
506074.90	3615033.00	17.31626	(10020908)	506099.90	3615033.00	18.73217	(10020908)
506124.90	3615033.00	20.22290	(10020908)	506149.90	3615033.00	21.78683	(10020908)
506174.90	3615033.00	23.41761	(10020908)	506199.90	3615033.00	25.11401	(10020908)
506224.90	3615033.00	26.86375	(10020908)	506249.90	3615033.00	28.66036	(10020908)
506274.90	3615033.00	30.49737	(10020908)	506299.90	3615033.00	32.35703	(10020908)
506324.90	3615033.00	34.22853	(10020908)	505949.90	3615058.00	13.18720	(10020908)
505974.90	3615058.00	14.33774	(10020908)	505999.90	3615058.00	15.56165	(10020908)
506024.90	3615058.00	16.85843	(10020908)	506049.90	3615058.00	18.22704	(10020908)
506074.90	3615058.00	19.66808	(10020908)	506099.90	3615058.00	21.18047	(10020908)
506124.90	3615058.00	22.75879	(10020908)	506149.90	3615058.00	24.40146	(10020908)
506174.90	3615058.00	26.09598	(10020908)	506199.90	3615058.00	27.84116	(10020908)
506224.90	3615058.00	29.62703	(10020908)	506249.90	3615058.00	31.43735	(10020908)
506274.90	3615058.00	33.26628	(10020908)	506299.90	3615058.00	35.09891	(10020908)
506324.90	3615058.00	36.91481	(10020908)	505949.90	3615083.00	15.16599	(10020908)
505974.90	3615083.00	16.42023	(10020908)	505999.90	3615083.00	17.74326	(10020908)

506024.90 3615083.00 19.13866 (10020908)
506049.90 3615083.00 20.60158 (10020908)
506074.90 3615083.00 22.12987 (10020908)
506099.90 3615083.00 23.71938 (10020908)
506124.90 3615083.00 25.36264 (10020908)
506149.90 3615083.00 27.05706 (10020908)
506174.90 3615083.00 28.79206 (10020908)
506199.90 3615083.00 30.55596 (10020908)
506224.90 3615083.00 32.34208 (10020908)
506249.90 3615083.00 34.13450 (10020908)
506274.90 3615083.00 35.91910 (10020908)
506299.90 3615083.00 37.68360 (10020908)
506324.90 3615083.00 39.40933 (10020908)
505949.90 3615108.00 17.28127 (10020908)
505974.90 3615108.00 18.63187 (10020908)
505999.90 3615108.00 20.04789 (10020908)
506024.90 3615108.00 21.52674 (10020908)
506049.90 3615108.00 23.06608 (10020908)
506074.90 3615108.00 24.66109 (10020908)
506099.90 3615108.00 26.30587 (10020908)
506124.90 3615108.00 27.99157 (10020908)
506149.90 3615108.00 29.70889 (10020908)
506174.90 3615108.00 31.45242 (10020908)
506199.90 3615108.00 33.20554 (10020908)
506224.90 3615108.00 34.95831 (10020908)
506249.90 3615108.00 36.69714 (10020908)
506274.90 3615108.00 38.40247 (10020908)
506299.90 3615108.00 40.06271 (10020908)
506324.90 3615108.00 41.66180 (10020908)
505949.90 3615133.00 19.51717 (10020908)
505974.90 3615133.00 20.94835 (10020908)
505999.90 3615133.00 22.44215 (10020908)
506024.90 3615133.00 23.98888 (10020908)
506049.90 3615133.00 25.58495 (10020908)
506074.90 3615133.00 27.22281 (10020908)
506099.90 3615133.00 28.89691 (10020908)
506124.90 3615133.00 30.59715 (10020908)
506149.90 3615133.00 32.31066 (10020908)
506174.90 3615133.00 34.02912 (10020908)
506199.90 3615133.00 35.73896 (10020908)
506224.90 3615133.00 37.42373 (10020908)
506249.90 3615133.00 39.07261 (10020908)
506274.90 3615133.00 40.66755 (10020908)
506299.90 3615133.00 42.19140 (10020908)
506324.90 3615133.00 43.63153 (10020908)
505949.90 3615158.00 21.84347 (10020908)
505974.90 3615158.00 23.34409 (10020908)
505999.90 3615158.00 24.89306 (10020908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
506024.90	3615158.00	26.48705	(10020908)	506049.90	3615158.00	28.11643	(10020908)
506074.90	3615158.00	29.77364	(10020908)	506099.90	3615158.00	31.44810	(10020908)
506124.90	3615158.00	33.13222	(10020908)	506149.90	3615158.00	34.81170	(10020908)
506174.90	3615158.00	36.47323	(10020908)	506199.90	3615158.00	38.10578	(10020908)
506224.90	3615158.00	39.69115	(10020908)	506249.90	3615158.00	41.21725	(10020908)
506274.90	3615158.00	42.66961	(10020908)	506299.90	3615158.00	44.03043	(10020908)
506324.90	3615158.00	45.28627	(10020908)	505949.90	3615183.00	24.23074	(10020908)
505974.90	3615183.00	25.77956	(10020908)	505999.90	3615183.00	27.36575	(10020908)
506024.90	3615183.00	28.98126	(10020908)	506049.90	3615183.00	30.61710	(10020908)
506074.90	3615183.00	32.26563	(10020908)	506099.90	3615183.00	33.91393	(10020908)
506124.90	3615183.00	35.55105	(10020908)	506149.90	3615183.00	37.16432	(10020908)
506174.90	3615183.00	38.73813	(10020908)	506199.90	3615183.00	40.26086	(10020908)
506224.90	3615183.00	41.71840	(10020908)	506249.90	3615183.00	43.09339	(10020908)
506274.90	3615183.00	44.37518	(10020908)	506299.90	3615183.00	45.54996	(10020908)
506324.90	3615183.00	46.60105	(10020908)	505949.90	3615208.00	26.64316	(10020908)
505974.90	3615208.00	28.21845	(10020908)	505999.90	3615208.00	29.81671	(10020908)

506024.90 3615208.00 31.42971 (10020908)
506049.90 3615208.00 33.04567 (10020908)
506074.90 3615208.00 34.65542 (10020908)
506099.90 3615208.00 36.24781 (10020908)
506124.90 3615208.00 37.80763 (10020908)
506149.90 3615208.00 39.32384 (10020908)
506174.90 3615208.00 40.78103 (10020908)
506199.90 3615208.00 42.16633 (10020908)
506224.90 3615208.00 43.46775 (10020908)
506249.90 3615208.00 44.66924 (10020908)
506274.90 3615208.00 45.75815 (10020908)
506299.90 3615208.00 46.72553 (10020908)
506324.90 3615208.00 47.55891 (10020908)
505949.90 3615233.00 29.04506 (10020908)
505974.90 3615233.00 30.62121 (10020908)
505999.90 3615233.00 32.20553 (10020908)
506024.90 3615233.00 33.78852 (10020908)
506049.90 3615233.00 35.35720 (10020908)
506074.90 3615233.00 36.89996 (10020908)
506099.90 3615233.00 38.40556 (10020908)
506124.90 3615233.00 39.86014 (10020908)
506149.90 3615233.00 41.25166 (10020908)
506174.90 3615233.00 42.56652 (10020908)
506199.90 3615233.00 43.78960 (10020908)
506224.90 3615233.00 44.91105 (10020908)
506249.90 3615233.00 45.91829 (10020908)
506274.90 3615233.00 46.79892 (10020908)
506299.90 3615233.00 47.54572 (10020908)
506324.90 3615233.00 48.14982 (10020908)
505949.90 3615258.00 31.39406 (10020908)
505974.90 3615258.00 32.94725 (10020908)
505999.90 3615258.00 34.49100 (10020908)
506024.90 3615258.00 36.01605 (10020908)
506049.90 3615258.00 37.50925 (10020908)
506074.90 3615258.00 38.95755 (10020908)
506099.90 3615258.00 40.34959 (10020908)
506124.90 3615258.00 41.67324 (10020908)
506149.90 3615258.00 42.91443 (10020908)
506174.90 3615258.00 44.06199 (10020908)
506199.90 3615258.00 45.10279 (10020908)
506224.90 3615258.00 46.02619 (10020908)
506249.90 3615258.00 46.82425 (10020908)
506274.90 3615258.00 47.48603 (10020908)
506299.90 3615258.00 48.00434 (10020908)
506324.90 3615258.00 48.37212 (10020908)
507913.94 3615754.22 20.14344 (11011809)
508011.54 3615650.87 24.34148 (11011809)
508109.55 3614521.25 49.24793 (11111709)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
508113.76	3614478.12	55.24161	(11111709)	508117.96	3614435.00	58.69296	(11111709)
508122.17	3614391.88	61.84477	(11111709)	508127.23	3614538.92	43.14293	(11111709)
508136.54	3614502.11	50.39159	(11111709)	508140.74	3614458.99	56.67289	(11111709)
508144.95	3614415.87	63.24448	(11111709)	508149.15	3614372.74	57.61422	(11111709)
508152.11	3614541.35	40.92914	(11111709)	508161.42	3614504.54	49.11016	(11111709)
508165.62	3614461.42	58.90892	(11111709)	508169.83	3614418.29	56.17180	(11111709)
508174.04	3614375.17	55.82608	(11111709)	508176.99	3614543.78	39.12256	(11111709)
508162.58	3614574.28	32.03501	(11111709)	508186.30	3614506.97	48.42649	(11111709)
508190.51	3614463.84	53.16108	(11111709)	508194.71	3614420.72	54.30330	(11111709)
508198.92	3614377.60	54.13021	(11111709)	508108.81	3614344.73	57.85918	(11111709)
508087.09	3614335.90	52.90096	(11111709)	508065.37	3614327.06	49.30412	(11111709)
508043.66	3614318.23	47.05674	(10120309)	508021.94	3614309.40	47.21024	(11110308)
508010.17	3614233.89	49.97546	(11110308)	508130.21	3614331.80	53.01680	(11111709)
508096.51	3614312.74	51.62561	(11111709)	508074.79	3614303.91	46.77860	(11111709)
508053.08	3614295.07	44.73181	(10120309)	508031.36	3614286.24	44.88246	(10120309)
508011.63	3614277.40	47.38233	(11110308)	508139.63	3614308.64	48.92485	(11111709)

508167.06 3614344.45 53.41964 (11111709)
508105.93 3614289.58 47.92794 (11111709)
508084.21 3614280.75 47.01728 (11111709)
508062.49 3614271.92 43.42270 (10120309)
508040.78 3614263.08 43.35343 (10120309)
508019.06 3614254.25 45.16606 (11110308)
508153.04 3614288.90 46.17070 (11111709)
508189.62 3614336.64 51.18598 (11111709)
508115.35 3614266.43 45.54556 (11111709)
508093.63 3614257.59 49.92671 (11111709)
508071.91 3614248.76 42.90038 (11111709)
508050.20 3614239.92 41.68296 (10120309)
508028.48 3614231.09 44.20522 (10111809)
508011.84 3614203.25 49.81616 (11110308)
508011.05 3614179.32 51.42595 (11110308)
508010.26 3614155.40 55.52190 (11110308)
508009.47 3614131.47 57.48303 (11110308)
508008.68 3614107.54 59.36342 (11110308)
508007.89 3614083.61 61.17400 (11110308)
508007.10 3614059.68 62.93235 (11110308)
508006.31 3614035.75 64.63848 (11110308)
508005.53 3614011.82 66.27425 (11110308)
508004.74 3613987.90 67.88351 (11110308)
508036.83 3614202.43 45.06697 (10111809)
508036.04 3614178.50 46.54843 (10111809)
508035.25 3614154.57 47.88236 (10111809)
508034.46 3614130.64 49.51100 (10111809)
508033.67 3614106.71 51.06416 (11110308)
508032.88 3614082.79 52.72838 (11110308)
508032.09 3614058.86 54.38442 (11110308)
508031.30 3614034.93 56.00678 (11110308)
508030.51 3614011.00 57.59130 (11110308)
508029.72 3613987.07 59.06627 (11110308)
508061.81 3614201.60 43.30287 (10111809)
508061.02 3614177.68 45.02512 (10111809)
508060.23 3614153.75 42.42464 (11110308)
508059.44 3614129.82 43.46895 (11110308)
508058.66 3614105.89 44.70134 (11110308)
508057.87 3614081.96 46.00421 (11110308)
508057.08 3614058.03 46.91113 (11110308)
508056.29 3614034.10 48.30421 (11110308)
508055.50 3614010.18 49.66252 (11110308)
508054.71 3613986.25 51.04000 (11110308)
508087.59 3614224.71 43.80647 (11111709)
508086.80 3614200.78 42.24160 (11111709)
508086.01 3614176.85 40.67278 (11111709)
508085.22 3614152.92 39.31779 (11111709)
508084.43 3614128.99 38.55521 (11110308)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
508083.64	3614105.07	39.51393	(11110308)	508082.85	3614081.14	40.54052	(11110308)
508082.06	3614057.21	41.51839	(11110308)	508081.27	3614033.28	42.55955	(11110308)
508080.48	3614009.35	43.65941	(11110308)	508079.70	3613985.42	44.81809	(11110308)
507979.33	3613963.72	74.96865	(11110308)	507935.16	3613964.46	83.45219	(12010309)
507890.99	3613965.20	88.81559	(12010309)	507996.56	3613945.61	69.57470	(11110308)
507956.83	3613939.10	74.80212	(12010309)	507912.65	3613939.84	85.21485	(12010309)
507868.48	3613940.58	89.05236	(12010309)	507996.15	3613920.62	68.24152	(11110308)
508039.20	3613951.67	57.12401	(11110308)	507956.41	3613914.10	72.35093	(12010309)
507912.24	3613914.84	83.19652	(12010309)	507868.06	3613915.58	87.01107	(12010309)
507995.73	3613895.62	66.56535	(11110308)	508031.03	3613909.39	61.39157	(11110308)
508056.43	3613933.56	53.46074	(11110308)	507955.99	3613889.10	69.83721	(12010309)
507911.82	3613889.84	80.86128	(12010309)	507867.64	3613890.58	86.57490	(12010309)
507835.28	3613920.07	91.66837	(12010309)	507817.97	3613902.40	93.06331	(12010309)
507800.67	3613884.73	94.40216	(12010309)	507835.84	3613884.91	89.21609	(12010309)
507818.54	3613867.24	90.81407	(12010309)	507888.30	3613902.76	85.30291	(12010309)
507853.70	3613867.42	86.78029	(12010309)	507836.40	3613849.75	87.65228	(12010309)

507888.86 3613867.60 82.19555 (12010309)
507871.56 3613849.93 83.15268 (12010309)
507854.26 3613832.26 83.49892 (12010309)
507776.18 3613878.11 95.78498 (12010309)
507739.37 3613888.23 77.22905 (12010309)
507702.55 3613898.35 67.75569 (11123009)
507782.70 3613853.98 93.45733 (12010309)
507751.15 3613859.07 92.54453 (12010309)
507714.33 3613869.19 72.24170 (12010309)
507776.08 3613829.87 91.63713 (12010309)
507813.71 3613836.46 88.99056 (12010309)
507744.52 3613834.96 91.12664 (12010309)
507707.71 3613845.08 76.68885 (12010309)
507773.83 3613805.76 89.28576 (12010309)
507824.01 3613814.54 86.13227 (12010309)
507737.90 3613810.86 87.81862 (12010309)
507701.08 3613820.98 80.40547 (12010309)
507675.07 3613926.28 65.97719 (11112208)
507660.96 3613945.09 68.59619 (11123009)
507646.85 3613963.91 65.84486 (11112208)
507632.74 3613982.72 65.48792 (11112208)
507618.62 3614001.54 69.15064 (12020808)
507604.51 3614020.35 70.38851 (11112208)
507590.40 3614039.17 65.42388 (11112208)
507576.29 3614057.98 66.86112 (10120108)
507562.18 3614076.80 62.80809 (10120108)
507682.55 3613883.35 62.78405 (11112208)
507655.07 3613911.28 62.76478 (11112208)
507640.96 3613930.09 62.74245 (11112208)
507626.85 3613948.91 62.45434 (11112208)
507612.73 3613967.72 62.13247 (12020808)
507598.62 3613986.54 65.49786 (12020808)
507584.51 3614005.35 65.92017 (11112208)
507570.40 3614024.17 64.38060 (10120108)
507556.29 3614042.99 62.17969 (10120108)
507542.18 3614061.80 58.46286 (10120108)
507662.55 3613868.35 60.06981 (11112208)
507635.07 3613896.28 59.94467 (11112208)
507620.96 3613915.09 59.79362 (11112208)
507606.85 3613933.91 59.56506 (11112208)
507592.73 3613952.72 66.09964 (12020808)
507578.62 3613971.54 68.21005 (11112208)
507564.51 3613990.35 61.91760 (11112208)
507550.40 3614009.17 61.46333 (10120108)
507536.29 3614027.99 58.96361 (10120108)
507522.18 3614046.80 55.51654 (10120108)
507647.01 3613850.32 57.86312 (11112208)
507615.07 3613881.28 57.34714 (11112208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
507600.96	3613900.09	57.18138	(11112208)	507586.85	3613918.91	57.13692	(12020808)
507572.73	3613937.72	63.53233	(12020808)	507558.62	3613956.54	63.83746	(11112208)
507544.51	3613975.35	58.04403	(11112208)	507530.40	3613994.17	59.17332	(10120108)
507516.29	3614012.99	56.49059	(10120108)	507502.18	3614031.80	53.29589	(10120108)
507556.82	3614114.60	58.64337	(10120108)	507556.45	3614137.79	56.98909	(10120108)
507556.08	3614160.98	55.31438	(10120108)	507555.71	3614184.17	53.63747	(10120108)
507555.34	3614207.36	51.95340	(10120108)	507554.98	3614230.56	58.97803	(10020908)
507554.61	3614253.75	61.30353	(10020908)	507554.24	3614276.94	63.46960	(10020908)
507553.87	3614300.13	65.41080	(10020908)	507532.19	3614091.01	54.38531	(10120108)
507531.82	3614114.20	52.71708	(10120108)	507531.45	3614137.39	51.04027	(10120108)
507531.08	3614160.58	49.37958	(10120108)	507530.71	3614183.77	47.78435	(10120108)
507530.35	3614206.97	49.85573	(10020908)	507529.98	3614230.16	52.76817	(10020908)
507529.61	3614253.35	55.71837	(10020908)	507529.24	3614276.54	58.48056	(10020908)
507528.87	3614299.73	60.99460	(10020908)	507514.68	3614068.71	52.76488	(10120108)
507507.19	3614090.61	50.10807	(10120108)	507506.82	3614113.80	48.49975	(10120108)
507506.45	3614136.99	46.93474	(10120108)	507506.09	3614160.19	45.47021	(10120108)

507505.72 3614183.38 44.21659 (10120108)
507505.35 3614206.57 45.61372 (10020908)
507504.98 3614229.76 49.20596 (10020908)
507504.61 3614252.95 52.64539 (10020908)
507504.25 3614276.15 55.71247 (10020908)
507503.88 3614299.34 58.45332 (10020908)
507488.85 3614070.74 48.88868 (10120108)
507481.82 3614113.41 45.32234 (10120108)
507481.46 3614136.60 43.98667 (10120108)
507481.09 3614159.79 42.89677 (10120108)
507480.72 3614182.98 42.56093 (11112908)
507480.35 3614206.17 43.26062 (12020308)
507479.98 3614229.37 46.48447 (10020908)
507479.62 3614252.56 50.08958 (10020908)
507479.25 3614275.75 53.31656 (10020908)
507478.88 3614298.94 56.24397 (10020908)
507457.26 3614306.44 55.32945 (10020908)
507433.34 3614307.97 71.45029 (12112308)
507409.41 3614309.50 95.87583 (11120708)
507385.48 3614311.04 129.54214 (11120708)
507361.55 3614312.57 175.55564 (11120708)
507337.63 3614314.10 227.90535 (11120708)
507313.70 3614315.64 277.98741 (11120708)
507289.77 3614317.17 346.59891 (12011808)
507455.66 3614281.49 55.51881 (12020308)
507431.74 3614283.02 65.33420 (12020208)
507407.81 3614284.56 82.97328 (12112308)
507383.88 3614286.09 111.40432 (11120708)
507359.95 3614287.62 151.81201 (11120708)
507336.03 3614289.16 198.33374 (11120708)
507312.10 3614290.69 242.40229 (11120708)
507288.17 3614292.22 304.96797 (12011808)
507454.07 3614256.54 55.47265 (12020308)
507430.14 3614258.07 63.40567 (12020308)
507406.21 3614259.61 76.39875 (12020208)
507382.28 3614261.14 96.36376 (11120708)
507358.36 3614262.67 131.48901 (11120708)
507334.43 3614264.21 173.00684 (11120708)
507310.50 3614265.74 213.17453 (11120708)
507286.57 3614267.27 269.76687 (12011808)
507452.47 3614231.59 53.74997 (12020308)
507428.54 3614233.12 61.50872 (12020308)
507404.61 3614234.66 70.40739 (12020208)
507380.68 3614236.19 86.63332 (12020208)
507356.76 3614237.72 112.07526 (11120708)
507332.83 3614239.26 150.13743 (11120708)
507308.90 3614240.79 188.35523 (11120708)
507284.97 3614242.32 239.40295 (12122108)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
507269.78	3614329.52	436.11706	(12010408)	507258.32	3614349.16	487.09300	(12010408)
507246.87	3614368.79	487.19250	(12010408)	507235.42	3614388.42	516.78749	(11011808)
507223.96	3614408.06	526.96288	(11011808)	507212.51	3614427.69	528.92604	(11011808)
507201.06	3614447.32	535.43902	(11011808)	507189.60	3614466.96	542.43270	(11011808)
507178.15	3614486.59	549.26698	(11011808)	507166.70	3614506.22	536.11319	(11011808)
507256.64	3614308.25	412.38729	(12010408)	507236.73	3614336.56	468.02467	(12010408)
507225.27	3614356.19	472.60010	(12010408)	507213.82	3614375.83	472.70987	(11011808)
507202.37	3614395.46	501.89899	(11011808)	507190.91	3614415.09	518.33218	(11011808)
507179.46	3614434.73	531.53321	(11011808)	507168.01	3614454.36	543.63267	(11011808)
507156.55	3614473.99	548.67726	(11011808)	507145.10	3614493.63	522.52799	(11011808)
507239.27	3614291.32	410.70873	(10011408)	507215.13	3614323.96	452.13915	(12010408)
507203.68	3614343.59	460.07219	(12010408)	507192.23	3614363.23	457.78867	(12010408)
507180.77	3614382.86	468.37092	(11011808)	507169.32	3614402.49	498.37970	(11011808)
507157.87	3614422.13	520.40845	(11011808)	507146.41	3614441.76	537.52381	(11011808)
507134.96	3614461.39	535.59063	(11011808)	507123.51	3614481.03	511.78505	(11011808)
507216.27	3614280.17	411.30936	(10011408)	507254.20	3614252.14	334.87838	(12012608)

507193.54 3614311.36 444.73856 (12010408)
507182.09 3614331.00 451.25815 (12010408)
507170.63 3614350.63 451.21742 (12010408)
507159.18 3614370.26 443.40898 (12010408)
507147.73 3614389.90 469.06726 (11011808)
507136.27 3614409.53 499.50305 (11011808)
507124.82 3614429.16 522.78648 (11011808)
507113.37 3614448.80 523.68224 (11011808)
507101.91 3614468.43 495.24682 (11011808)
507166.40 3614530.90 513.83509 (11011808)
507177.95 3614551.82 505.19734 (11011808)
507189.49 3614572.73 492.86606 (11011808)
507201.04 3614593.65 471.45436 (11011808)
507212.58 3614614.57 449.50700 (11011808)
507224.13 3614635.48 446.97770 (12011608)
507235.68 3614656.40 458.58801 (12011608)
507247.22 3614677.32 465.96277 (12011608)
507258.77 3614698.23 470.12102 (12011608)
507270.31 3614719.15 473.69078 (11112408)
507281.86 3614740.06 485.60400 (11112408)
507293.40 3614760.98 493.33615 (11112408)
507141.40 3614530.60 491.55674 (11011808)
507156.06 3614563.90 474.81854 (11011808)
507167.61 3614584.82 462.85787 (11011808)
507179.15 3614605.73 447.47893 (11011808)
507190.70 3614626.65 430.50809 (11011808)
507202.24 3614647.56 434.95539 (12011608)
507213.79 3614668.48 446.53802 (12011608)
507225.33 3614689.40 453.98106 (12011608)
507236.88 3614710.31 458.20417 (12011608)
507248.42 3614731.23 460.11407 (12011608)
507259.97 3614752.15 469.50758 (11112408)
507271.52 3614773.06 476.72155 (11112408)
507117.96 3614536.50 473.60522 (11011808)
507134.17 3614575.98 454.15657 (11011808)
507145.72 3614596.90 441.11116 (11011808)
507157.27 3614617.81 425.25338 (11011808)
507168.81 3614638.73 407.84820 (11011808)
507180.36 3614659.65 424.18372 (12011608)
507191.90 3614680.56 437.85409 (12011608)
507203.45 3614701.48 445.48832 (12011608)
507214.99 3614722.39 449.89302 (12011608)
507226.54 3614743.31 451.87295 (12011608)
507238.08 3614764.23 451.82114 (12011608)
507249.63 3614785.14 458.52446 (11112408)
507096.59 3614550.64 457.92907 (11011808)
507092.84 3614501.23 474.11077 (11011808)
507112.29 3614588.06 438.92857 (11011808)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
507123.83	3614608.98	424.84442	(11011808)	507135.38	3614629.89	408.28157	(11011808)
507146.92	3614650.81	395.86027	(12011608)	507158.47	3614671.73	413.67526	(12011608)
507170.01	3614692.64	427.21884	(12011608)	507181.56	3614713.56	437.31890	(12011608)
507193.11	3614734.48	443.49253	(12011608)	507204.65	3614755.39	445.64464	(12011608)
507216.20	3614776.31	445.32709	(12011608)	507227.74	3614797.23	441.00940	(12011608)
507318.96	3614773.63	502.59970	(11112408)	507343.31	3614770.02	501.09799	(11112408)
507367.66	3614766.41	493.13485	(11112408)	507392.01	3614762.80	484.88306	(11112408)
507416.37	3614759.19	476.35838	(11112408)	507440.72	3614755.58	467.04235	(11112408)
507465.07	3614751.97	449.63550	(12011608)	507489.43	3614748.36	403.12729	(11112408)
507513.78	3614744.75	310.25822	(11112408)	507538.13	3614741.14	204.82404	(11112408)
507562.48	3614737.53	135.79787	(11111708)	507586.84	3614733.92	126.39802	(11111708)
507611.19	3614730.31	117.58890	(11111708)	507635.54	3614726.69	109.16725	(11111708)
507659.89	3614723.08	100.81568	(11111708)	507684.25	3614719.47	92.99265	(11111708)
507708.60	3614715.86	85.50595	(11111708)	507732.95	3614712.25	78.36723	(11111708)
507757.30	3614708.64	71.52276	(11111708)	507781.66	3614705.03	64.86631	(11111708)
507806.01	3614701.42	58.01573	(11111708)	507830.36	3614697.81	50.99002	(11111708)

507854.72 3614694.20 44.44952 (11111708)
507879.07 3614690.59 44.84636 (10111908)
507903.42 3614686.98 45.76657 (10111908)
507927.77 3614683.37 46.95392 (10111908)
507952.13 3614679.76 47.96204 (10111908)
507307.87 3614796.04 481.79057 (11112408)
507346.98 3614794.75 485.23980 (11112408)
507371.33 3614791.14 475.45983 (11112408)
507395.68 3614787.53 464.72453 (11112408)
507420.03 3614783.92 453.12665 (11112408)
507444.39 3614780.31 439.85804 (11112408)
507468.74 3614776.70 422.99363 (11112408)
507493.09 3614773.09 402.72993 (11112408)
507517.44 3614769.48 329.00538 (11112408)
507541.80 3614765.87 229.41478 (11112408)
507566.15 3614762.26 146.06607 (11112408)
507590.50 3614758.65 125.93663 (11111708)
507614.85 3614755.03 116.72347 (11111708)
507639.21 3614751.42 107.77364 (11111708)
507663.56 3614747.81 99.10019 (11111708)
507687.91 3614744.20 90.89524 (11111708)
507712.27 3614740.59 83.11626 (11111708)
507736.62 3614736.98 75.69957 (11111708)
507760.97 3614733.37 68.78051 (11111708)
507785.32 3614729.76 62.10645 (11111708)
507809.68 3614726.15 55.48888 (11111708)
507834.03 3614722.54 48.82686 (11111708)
507858.38 3614718.93 42.63735 (11111708)
507882.73 3614715.32 40.76779 (10111908)
507907.09 3614711.71 41.49761 (10111908)
507931.44 3614708.10 42.49026 (10111908)
507955.79 3614704.49 43.73299 (10111908)
507304.15 3614819.60 462.44501 (11112408)
507350.64 3614819.48 462.23028 (11112408)
507374.99 3614815.87 451.71638 (11112408)
507399.35 3614812.26 440.29890 (11112408)
507423.70 3614808.65 428.08135 (11112408)
507448.05 3614805.04 413.97666 (11112408)
507472.40 3614801.43 397.92805 (11112408)
507496.76 3614797.82 379.08685 (11112408)
507521.11 3614794.21 330.55903 (11112408)
507545.46 3614790.60 244.85568 (11112408)
507569.82 3614786.99 160.88761 (11112408)
507594.17 3614783.37 123.37609 (11111708)
507618.52 3614779.76 114.69242 (11111708)
507642.87 3614776.15 105.72989 (11111708)
507667.23 3614772.54 96.87547 (11111708)
507691.58 3614768.93 88.36379 (11111708)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
507715.93	3614765.32	80.33300	(11111708)	507740.28	3614761.71	72.73756	(11111708)
507764.64	3614758.10	65.72423	(11111708)	507788.99	3614754.49	59.00841	(11111708)
507813.34	3614750.88	52.53277	(11111708)	507837.70	3614747.27	46.15368	(11111708)
507862.05	3614743.66	40.22714	(11111708)	507886.40	3614740.05	38.60741	(10111908)
507910.75	3614736.44	39.18254	(10111908)	507935.11	3614732.83	40.01165	(10111908)
507959.46	3614729.22	41.10743	(10111908)	507310.28	3614844.72	439.33221	(11112408)
507256.53	3614824.76	448.17668	(11112408)	507354.31	3614844.21	432.47866	(11112408)
507378.66	3614840.60	424.78957	(11112408)	507403.01	3614836.99	413.04193	(11112408)
507427.37	3614833.38	400.48387	(11112408)	507451.72	3614829.77	386.41850	(11112408)
507476.07	3614826.16	370.92510	(11112408)	507500.42	3614822.55	353.79375	(11112408)
507524.78	3614818.94	322.05696	(11112408)	507549.13	3614815.33	256.71516	(11112408)
507573.48	3614811.71	183.45968	(11112408)	507597.83	3614808.10	120.43613	(11111708)
507622.19	3614804.49	112.10894	(11111708)	507646.54	3614800.88	103.34721	(11111708)
507670.89	3614797.27	94.54632	(11111708)	507695.25	3614793.66	85.90496	(11111708)
507719.60	3614790.05	77.64226	(11111708)	507743.95	3614786.44	69.94791	(11111708)
507768.30	3614782.83	62.86918	(11111708)	507792.66	3614779.22	56.12048	(11111708)

507817.01 3614775.61 49.82653 (11111708)
507841.36 3614772.00 43.62290 (11111708)
507865.71 3614768.39 37.85437 (11111708)
507890.07 3614764.78 37.19542 (10111908)
507914.42 3614761.17 37.70070 (10111908)
507938.77 3614757.56 38.42759 (10111908)
507963.13 3614753.95 39.35444 (10111908)
507983.16 3614655.68 51.00440 (10111908)
508000.19 3614638.66 51.84091 (10111908)
508017.22 3614621.63 52.88428 (10111908)
508034.24 3614604.60 39.24182 (10111908)
508051.27 3614587.58 39.60037 (10111908)
508068.30 3614570.55 40.18953 (11111709)
508085.32 3614553.52 43.22899 (11111709)
507983.82 3614690.39 46.06203 (10111908)
508000.84 3614673.36 47.45087 (10111908)
508017.87 3614656.33 48.45377 (10111908)
508034.89 3614639.31 49.29373 (10111908)
508051.92 3614622.28 34.73948 (10111908)
508068.95 3614605.25 35.07302 (10111908)
508085.97 3614588.23 35.29571 (10111908)
508103.00 3614571.20 36.28501 (11111709)
507980.48 3614718.64 42.80666 (10111908)
508001.49 3614708.06 44.15939 (10111908)
508018.52 3614691.04 45.40929 (10111908)
508035.55 3614674.01 46.37745 (10111908)
508052.57 3614656.98 31.33807 (10111908)
508069.60 3614639.96 31.72754 (10111908)
508086.62 3614622.93 32.03689 (10111908)
508103.65 3614605.91 32.16799 (10111908)
508120.68 3614588.88 31.84071 (10111908)
508137.70 3614571.85 33.86923 (11111709)
508000.49 3614735.14 41.97277 (10111908)
508036.20 3614708.71 44.22328 (10111908)
508053.22 3614691.69 45.12791 (10111908)
508070.25 3614674.66 30.75247 (11121409)
508087.28 3614657.64 30.72472 (11121409)
508104.30 3614640.61 30.75929 (11121409)
508121.33 3614623.58 30.87724 (11121409)
508138.35 3614606.56 31.04203 (11121409)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD (26304 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	DATE (YYMMDDHH) GRID-ID
ALL	HIGH 1ST HIGH VALUE IS 549.26698 ON 11011808: AT (507178.15, 3614486.59, 182.08, 782.00, 0.00) DC		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 36 Warning Message(s)
A Total of 746 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 421 Calm Hours Identified

A Total of 325 Missing Hours Identified (1.24 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
MX W441 14167 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081407
MX W441 14168 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081408
MX W441 14169 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081409
MX W441 14170 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081410
MX W441 14171 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081411
MX W441 14172 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081412
MX W441 14173 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081413
MX W441 14174 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081414
MX W441 14175 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081415
MX W441 14176 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081416
MX W441 14177 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081417
MX W441 14178 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081418
MX W441 14191 METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT= 11081507

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 MX W441   14192        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081508
 MX W441   14193        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081509
 MX W441   14194        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081510
 MX W441   14195        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081511
 MX W441   14196        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081512
 MX W441   14197        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081513
 MX W441   14198        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081514
 MX W441   14199        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081515
 MX W441   14200        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081516
 MX W441   14201        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081517
 MX W441   14202        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081518
 MX W441   14215        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081607
 MX W441   14216        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081608
 MX W441   14217        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081609
 MX W441   14218        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081610
 MX W441   14219        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081611
 MX W441   14220        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081612
 MX W441   14221        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081613
 MX W441   14222        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081614
 MX W441   14223        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081615
 MX W441   14224        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081616
 MX W441   14225        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081617
 MX W441   14226        METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=     11081618

    ************************************
    *** AERMOD Finishes Successfully ***
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Proctor Valley Land Exchange Alternative - Unmitigated Construction Scenario Cancer Risk

**HARP - Air Dispersion Modeling and Risk Tool v17052
**10/13/2017
**Exported Risk Results. Only discrete sensitive receptors are included, sorted from highest to lowest risk.

REC	GRP	X	Y	RISK_SUM	SCENARIO	INHAL_RISK
1048	ALL	507235.4	3614388	9.91E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.91E-07
1047	ALL	507246.9	3614369	9.87E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.87E-07
1049	ALL	507224	3614408	9.78E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.78E-07
1050	ALL	507212.5	3614428	9.55E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.55E-07
1051	ALL	507201.1	3614447	9.25E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.25E-07
1046	ALL	507258.3	3614349	8.91E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.91E-07
1052	ALL	507189.6	3614467	8.84E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.84E-07
1058	ALL	507213.8	3614376	8.35E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.35E-07
1057	ALL	507225.3	3614356	8.32E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.32E-07
1059	ALL	507202.4	3614395	8.25E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.25E-07
1053	ALL	507178.2	3614487	8.19E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.19E-07
835	ALL	508011.6	3614277	8.14E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.14E-07
1045	ALL	507269.8	3614330	8.10E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.10E-07
1060	ALL	507190.9	3614415	8.04E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.04E-07
828	ALL	508021.9	3614309	8.04E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.04E-07
829	ALL	508010.2	3614234	7.84E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.84E-07
1061	ALL	507179.5	3614435	7.76E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.76E-07
805	ALL	508113.8	3614478	7.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.74E-07
806	ALL	508118	3614435	7.72E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.72E-07
1056	ALL	507236.7	3614337	7.63E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.63E-07
850	ALL	508011.8	3614203	7.47E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.47E-07
842	ALL	508019.1	3614254	7.41E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.41E-07
807	ALL	508122.2	3614392	7.40E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.40E-07
1062	ALL	507168	3614454	7.38E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.38E-07
1068	ALL	507192.2	3614363	7.37E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.37E-07
1067	ALL	507203.7	3614344	7.36E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.36E-07
851	ALL	508011.1	3614179	7.34E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.34E-07
1020	ALL	507289.8	3614317	7.31E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.31E-07
1066	ALL	507215.1	3614324	7.29E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.29E-07
827	ALL	508043.7	3614318	7.29E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.29E-07
1069	ALL	507180.8	3614383	7.28E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.28E-07
804	ALL	508109.6	3614521	7.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.26E-07
852	ALL	508010.3	3614155	7.22E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.22E-07
1054	ALL	507166.7	3614506	7.11E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.11E-07
1070	ALL	507169.3	3614402	7.10E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.10E-07
853	ALL	508009.5	3614131	7.06E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.06E-07
1055	ALL	507256.6	3614308	7.06E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.06E-07
1250	ALL	508085.3	3614554	7.05E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.05E-07
834	ALL	508031.4	3614286	7.05E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.05E-07
1249	ALL	508068.3	3614571	7.02E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.02E-07
1248	ALL	508051.3	3614588	6.96E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.96E-07
1019	ALL	507313.7	3614316	6.89E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.89E-07
854	ALL	508008.7	3614108	6.89E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.89E-07
1247	ALL	508034.2	3614605	6.86E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.86E-07

1071	ALL	507157.9	3614422	6.84E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.84E-07
1063	ALL	507156.6	3614474	6.83E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.83E-07
826	ALL	508065.4	3614327	6.79E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.79E-07
1246	ALL	508017.2	3614622	6.69E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.69E-07
1077	ALL	507193.5	3614311	6.69E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.69E-07
1078	ALL	507182.1	3614331	6.69E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.69E-07
855	ALL	508007.9	3614084	6.69E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.69E-07
849	ALL	508028.5	3614231	6.68E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.68E-07
1079	ALL	507170.6	3614351	6.66E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.66E-07
1075	ALL	507216.3	3614280	6.60E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.60E-07
1065	ALL	507239.3	3614291	6.60E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.60E-07
1080	ALL	507159.2	3614370	6.56E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.56E-07
1087	ALL	507178	3614552	6.56E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.56E-07
1018	ALL	507337.6	3614314	6.51E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.51E-07
1086	ALL	507166.4	3614531	6.50E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.50E-07
1072	ALL	507146.4	3614442	6.50E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.50E-07
1088	ALL	507189.5	3614573	6.47E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.47E-07
856	ALL	508007.1	3614060	6.43E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.43E-07
1081	ALL	507147.7	3614390	6.40E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.40E-07
1245	ALL	508000.2	3614639	6.39E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.39E-07
825	ALL	508087.1	3614336	6.39E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.39E-07
841	ALL	508040.8	3614263	6.38E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.38E-07
810	ALL	508140.7	3614459	6.34E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.34E-07
1089	ALL	507201	3614594	6.27E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.27E-07
833	ALL	508053.1	3614295	6.25E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.25E-07
809	ALL	508136.5	3614502	6.23E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.23E-07
811	ALL	508145	3614416	6.19E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.19E-07
1082	ALL	507136.3	3614410	6.16E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.16E-07
1028	ALL	507288.2	3614292	6.15E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.15E-07
1017	ALL	507361.6	3614313	6.10E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.10E-07
860	ALL	508036.8	3614202	6.08E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.08E-07
857	ALL	508006.3	3614036	6.05E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.05E-07
1064	ALL	507145.1	3614494	6.04E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.04E-07
1090	ALL	507212.6	3614615	6.03E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.03E-07
1073	ALL	507135	3614461	6.00E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.00E-07
824	ALL	508108.8	3614345	5.99E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.99E-07
861	ALL	508036	3614179	5.95E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.95E-07
1141	ALL	507465.1	3614752	5.89E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.89E-07
1083	ALL	507124.8	3614429	5.86E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.86E-07
808	ALL	508127.2	3614539	5.86E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.86E-07
848	ALL	508050.2	3614240	5.84E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.84E-07
1244	ALL	507983.2	3614656	5.82E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.82E-07
862	ALL	508035.3	3614155	5.81E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.81E-07
1091	ALL	507224.1	3614635	5.77E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.77E-07
1016	ALL	507385.5	3614311	5.75E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.75E-07
1142	ALL	507489.4	3614748	5.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.74E-07
832	ALL	508074.8	3614304	5.68E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.68E-07
1027	ALL	507312.1	3614291	5.67E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.67E-07
1076	ALL	507254.2	3614252	5.67E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.67E-07
1143	ALL	507513.8	3614745	5.67E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.67E-07
1140	ALL	507440.7	3614756	5.66E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.66E-07

840	ALL	508062.5	3614272	5.65E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.65E-07
863	ALL	508034.5	3614131	5.65E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.65E-07
1258	ALL	508103	3614571	5.63E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.63E-07
1257	ALL	508086	3614588	5.58E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.58E-07
1144	ALL	507538.1	3614741	5.54E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.54E-07
1015	ALL	507409.4	3614310	5.49E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.49E-07
1256	ALL	508069	3614605	5.48E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.48E-07
812	ALL	508149.2	3614373	5.48E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.48E-07
1092	ALL	507235.7	3614656	5.47E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.47E-07
864	ALL	508033.7	3614107	5.47E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.47E-07
815	ALL	508165.6	3614461	5.44E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.44E-07
1084	ALL	507113.4	3614449	5.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.42E-07
1145	ALL	507562.5	3614738	5.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.42E-07
1036	ALL	507286.6	3614267	5.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.42E-07
1074	ALL	507123.5	3614481	5.37E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.37E-07
814	ALL	508161.4	3614505	5.35E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.35E-07
1139	ALL	507416.4	3614759	5.34E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.34E-07
1255	ALL	508051.9	3614622	5.34E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.34E-07
1146	ALL	507586.8	3614734	5.32E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.32E-07
858	ALL	508005.5	3614012	5.31E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.31E-07
1014	ALL	507433.3	3614308	5.27E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.27E-07
816	ALL	508169.8	3614418	5.27E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.27E-07
831	ALL	508096.5	3614313	5.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.26E-07
865	ALL	508032.9	3614083	5.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.26E-07
1098	ALL	507141.4	3614531	5.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.26E-07
1147	ALL	507611.2	3614730	5.24E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.24E-07
1026	ALL	507336	3614289	5.23E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.23E-07
847	ALL	508071.9	3614249	5.19E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.19E-07
870	ALL	508061.8	3614202	5.18E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.18E-07
1148	ALL	507635.5	3614727	5.18E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.18E-07
1254	ALL	508034.9	3614639	5.12E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-07
1149	ALL	507659.9	3614723	5.12E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-07
1093	ALL	507247.2	3614677	5.11E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.11E-07
839	ALL	508084.2	3614281	5.11E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.11E-07
813	ALL	508152.1	3614541	5.10E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.10E-07
1099	ALL	507156.1	3614564	5.09E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.09E-07
1013	ALL	507457.3	3614306	5.09E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.09E-07
1150	ALL	507684.3	3614719	5.08E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.08E-07
981	ALL	507553.9	3614300	5.05E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.05E-07
871	ALL	508061	3614178	5.05E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.05E-07
1151	ALL	507708.6	3614716	5.04E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.04E-07
866	ALL	508032.1	3614059	5.00E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.00E-07
1152	ALL	507733	3614712	5.00E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.00E-07
1100	ALL	507167.6	3614585	4.99E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.99E-07
1153	ALL	507757.3	3614709	4.96E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.96E-07
1035	ALL	507310.5	3614266	4.93E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.93E-07
1154	ALL	507781.7	3614705	4.92E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.92E-07
872	ALL	508060.2	3614154	4.91E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.91E-07
830	ALL	508130.2	3614332	4.90E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.90E-07
1155	ALL	507806	3614701	4.89E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.89E-07
1138	ALL	507392	3614763	4.87E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.87E-07

1044	ALL	507285	3614242	4.87E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.87E-07
1085	ALL	507101.9	3614468	4.86E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.86E-07
1156	ALL	507830.4	3614698	4.86E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.86E-07
991	ALL	507528.9	3614300	4.84E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.84E-07
1101	ALL	507179.2	3614606	4.83E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.83E-07
1157	ALL	507854.7	3614694	4.83E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.83E-07
1268	ALL	508137.7	3614572	4.81E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-07
821	ALL	508190.5	3614464	4.80E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.80E-07
1158	ALL	507879.1	3614691	4.80E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.80E-07
1025	ALL	507360	3614288	4.80E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.80E-07
1253	ALL	508017.9	3614656	4.79E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.79E-07
1159	ALL	507903.4	3614687	4.76E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.76E-07
1267	ALL	508120.7	3614589	4.76E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.76E-07
873	ALL	508059.4	3614130	4.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.74E-07
820	ALL	508186.3	3614507	4.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.74E-07
817	ALL	508174	3614375	4.73E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.73E-07
1002	ALL	507503.9	3614299	4.73E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.73E-07
1160	ALL	507927.8	3614683	4.71E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.71E-07
1094	ALL	507258.8	3614698	4.70E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.70E-07
838	ALL	508105.9	3614290	4.69E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.69E-07
846	ALL	508093.6	3614258	4.69E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.69E-07
1266	ALL	508103.7	3614606	4.68E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.68E-07
893	ALL	507891	3613965	4.66E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.66E-07
1012	ALL	507478.9	3614299	4.65E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.65E-07
1102	ALL	507190.7	3614627	4.64E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.64E-07
1161	ALL	507952.1	3614680	4.64E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.64E-07
822	ALL	508194.7	3614421	4.63E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.63E-07
880	ALL	508087.6	3614225	4.62E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.62E-07
867	ALL	508031.3	3614035	4.61E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.61E-07
874	ALL	508058.7	3614106	4.57E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.57E-07
818	ALL	508177	3614544	4.56E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.56E-07
1265	ALL	508086.6	3614623	4.56E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.56E-07
881	ALL	508086.8	3614201	4.50E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.50E-07
1034	ALL	507334.4	3614264	4.49E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.49E-07
1024	ALL	507383.9	3614286	4.45E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.45E-07
1103	ALL	507202.2	3614648	4.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-07
1110	ALL	507118	3614537	4.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-07
1264	ALL	508069.6	3614640	4.39E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.39E-07
1043	ALL	507308.9	3614241	4.38E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.38E-07
882	ALL	508086	3614177	4.38E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.38E-07
875	ALL	508057.9	3614082	4.37E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.37E-07
837	ALL	508167.1	3614344	4.36E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.36E-07
819	ALL	508162.6	3614574	4.35E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.35E-07
1252	ALL	508000.8	3614673	4.32E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.32E-07
845	ALL	508115.4	3614266	4.31E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.31E-07
836	ALL	508139.6	3614309	4.29E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.29E-07
1137	ALL	507367.7	3614766	4.28E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.28E-07
1123	ALL	507092.8	3614501	4.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.26E-07
883	ALL	508085.2	3614153	4.25E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.25E-07
1023	ALL	507407.8	3614285	4.22E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.22E-07
1095	ALL	507270.3	3614719	4.22E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.22E-07

980	ALL	507554.2	3614277	4.20E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-07
823	ALL	508198.9	3614378	4.20E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-07
1111	ALL	507134.2	3614576	4.18E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.18E-07
1104	ALL	507213.8	3614668	4.16E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.16E-07
1263	ALL	508052.6	3614657	4.15E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.15E-07
1276	ALL	508138.4	3614607	4.13E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.13E-07
876	ALL	508057.1	3614058	4.11E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.11E-07
884	ALL	508084.4	3614129	4.10E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.10E-07
1033	ALL	507358.4	3614263	4.08E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.08E-07
1112	ALL	507145.7	3614597	4.07E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.07E-07
1022	ALL	507431.7	3614283	4.05E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.05E-07
1275	ALL	508121.3	3614624	4.02E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.02E-07
868	ALL	508030.5	3614011	3.98E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.98E-07
990	ALL	507529.2	3614277	3.96E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-07
1042	ALL	507332.8	3614239	3.95E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.95E-07
885	ALL	508083.6	3614105	3.94E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.94E-07
897	ALL	507868.5	3613941	3.94E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.94E-07
1021	ALL	507455.7	3614281	3.94E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.94E-07
1113	ALL	507157.3	3614618	3.92E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.92E-07
843	ALL	508153	3614289	3.88E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.88E-07
1274	ALL	508104.3	3614641	3.88E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.88E-07
1105	ALL	507225.3	3614689	3.86E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.86E-07
844	ALL	508189.6	3614337	3.85E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.85E-07
1262	ALL	508035.6	3614674	3.84E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.84E-07
1001	ALL	507504.3	3614276	3.83E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.83E-07
859	ALL	508004.7	3613988	3.81E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.81E-07
1168	ALL	507468.7	3614777	3.81E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.81E-07
1170	ALL	507517.4	3614769	3.80E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-07
909	ALL	507835.3	3613920	3.80E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-07
1169	ALL	507493.1	3614773	3.79E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-07
1251	ALL	507983.8	3614690	3.79E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-07
1011	ALL	507479.3	3614276	3.77E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.77E-07
1114	ALL	507168.8	3614639	3.76E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.76E-07
1171	ALL	507541.8	3614766	3.75E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.75E-07
1032	ALL	507382.3	3614261	3.75E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.75E-07
1122	ALL	507096.6	3614551	3.75E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.75E-07
877	ALL	508056.3	3614034	3.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.74E-07
886	ALL	508082.9	3614081	3.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.74E-07
979	ALL	507554.6	3614254	3.73E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-07
1172	ALL	507566.2	3614762	3.72E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-07
1273	ALL	508087.3	3614658	3.70E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-07
1173	ALL	507590.5	3614759	3.70E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-07
1174	ALL	507614.9	3614755	3.69E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.69E-07
1175	ALL	507639.2	3614751	3.68E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.68E-07
1176	ALL	507663.6	3614748	3.68E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.68E-07
1177	ALL	507687.9	3614744	3.67E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.67E-07
1178	ALL	507712.3	3614741	3.66E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.66E-07
1096	ALL	507281.9	3614740	3.66E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.66E-07
1179	ALL	507736.6	3614737	3.65E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.65E-07
1180	ALL	507761	3614733	3.65E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.65E-07
892	ALL	507935.2	3613964	3.64E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.64E-07

1181	ALL	507785.3	3614730	3.63E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.63E-07
1182	ALL	507809.7	3614726	3.62E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.62E-07
1183	ALL	507834	3614723	3.61E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.61E-07
1167	ALL	507444.4	3614780	3.61E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.61E-07
1184	ALL	507858.4	3614719	3.60E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.60E-07
1136	ALL	507343.3	3614770	3.59E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.59E-07
1185	ALL	507882.7	3614715	3.58E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.58E-07
1115	ALL	507180.4	3614660	3.58E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.58E-07
1186	ALL	507907.1	3614712	3.56E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-07
1041	ALL	507356.8	3614238	3.56E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-07
1031	ALL	507406.2	3614260	3.54E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.54E-07
1106	ALL	507236.9	3614710	3.53E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.53E-07
1187	ALL	507931.4	3614708	3.53E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.53E-07
1124	ALL	507112.3	3614588	3.53E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.53E-07
887	ALL	508082.1	3614057	3.49E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-07
1188	ALL	507955.8	3614704	3.49E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-07
1261	ALL	508018.5	3614691	3.48E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.48E-07
1272	ALL	508070.3	3614675	3.47E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.47E-07
989	ALL	507529.6	3614253	3.45E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.45E-07
978	ALL	507555	3614231	3.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.42E-07
1125	ALL	507123.8	3614609	3.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.42E-07
1030	ALL	507430.1	3614258	3.40E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-07
1166	ALL	507420	3614784	3.38E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-07
1116	ALL	507191.9	3614681	3.36E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.36E-07
1000	ALL	507504.6	3614253	3.31E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.31E-07
1029	ALL	507454.1	3614257	3.31E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.31E-07
1126	ALL	507135.4	3614630	3.30E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.30E-07
1040	ALL	507380.7	3614236	3.25E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-07
1010	ALL	507479.6	3614253	3.24E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.24E-07
878	ALL	508055.5	3614010	3.24E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.24E-07
1271	ALL	508053.2	3614692	3.20E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.20E-07
977	ALL	507555.3	3614207	3.19E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.19E-07
1107	ALL	507248.4	3614731	3.17E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-07
888	ALL	508081.3	3614033	3.16E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-07
1127	ALL	507146.9	3614651	3.15E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-07
1117	ALL	507203.5	3614701	3.12E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-07
988	ALL	507530	3614230	3.12E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-07
1260	ALL	508001.5	3614708	3.12E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-07
869	ALL	508029.7	3613987	3.09E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-07
1165	ALL	507395.7	3614788	3.08E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-07
1039	ALL	507404.6	3614235	3.06E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-07
1097	ALL	507293.4	3614761	3.04E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-07
910	ALL	507818	3613902	3.02E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-07
976	ALL	507555.7	3614184	3.02E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-07
1128	ALL	507158.5	3614672	2.99E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-07
896	ALL	507912.7	3613940	2.97E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.97E-07
999	ALL	507505	3614230	2.96E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-07
1259	ALL	507980.5	3614719	2.95E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-07
1038	ALL	507428.5	3614233	2.95E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-07
891	ALL	507979.3	3613964	2.93E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-07
1135	ALL	507319	3614774	2.93E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-07

1270	ALL	508036.2	3614709	2.91E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.91E-07
1037	ALL	507452.5	3614232	2.89E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.89E-07
975	ALL	507556.1	3614161	2.88E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-07
987	ALL	507530.4	3614207	2.88E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-07
1009	ALL	507480	3614229	2.88E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-07
1196	ALL	507496.8	3614798	2.87E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-07
1118	ALL	507215	3614722	2.86E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.86E-07
1211	ALL	507862.1	3614744	2.83E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-07
1210	ALL	507837.7	3614747	2.83E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-07
1212	ALL	507886.4	3614740	2.83E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-07
1209	ALL	507813.3	3614751	2.82E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-07
1208	ALL	507789	3614754	2.82E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-07
1213	ALL	507910.8	3614736	2.82E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-07
1207	ALL	507764.6	3614758	2.81E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-07
1129	ALL	507170	3614693	2.81E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-07
1214	ALL	507935.1	3614733	2.81E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-07
1206	ALL	507740.3	3614762	2.80E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.80E-07
1205	ALL	507715.9	3614765	2.80E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.80E-07
1108	ALL	507260	3614752	2.79E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-07
1215	ALL	507959.5	3614729	2.79E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-07
1204	ALL	507691.6	3614769	2.78E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-07
902	ALL	507868.1	3613916	2.77E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-07
1203	ALL	507667.2	3614773	2.77E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-07
1197	ALL	507521.1	3614794	2.76E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-07
1164	ALL	507371.3	3614791	2.76E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-07
974	ALL	507556.5	3614138	2.76E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-07
889	ALL	508080.5	3614009	2.75E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-07
1202	ALL	507642.9	3614776	2.75E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-07
1198	ALL	507545.5	3614791	2.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.74E-07
1195	ALL	507472.4	3614801	2.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.74E-07
1201	ALL	507618.5	3614780	2.73E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-07
1199	ALL	507569.8	3614787	2.72E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-07
1200	ALL	507594.2	3614783	2.72E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-07
998	ALL	507505.4	3614207	2.71E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.71E-07
986	ALL	507530.7	3614184	2.70E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-07
973	ALL	507556.8	3614115	2.64E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.64E-07
879	ALL	508054.7	3613986	2.63E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-07
1008	ALL	507480.4	3614206	2.62E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07
1130	ALL	507181.6	3614714	2.62E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07
939	ALL	507604.5	3614020	2.61E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-07
940	ALL	507590.4	3614039	2.61E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-07
1194	ALL	507448.1	3614805	2.59E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-07
1119	ALL	507226.5	3614743	2.58E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-07
938	ALL	507618.6	3614002	2.58E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-07
941	ALL	507576.3	3614058	2.57E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-07
985	ALL	507531.1	3614161	2.55E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-07
937	ALL	507632.7	3613983	2.55E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-07
997	ALL	507505.7	3614183	2.52E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-07
1269	ALL	508000.5	3614735	2.52E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-07
936	ALL	507646.9	3613964	2.50E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-07
942	ALL	507562.2	3614077	2.49E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-07

1163	ALL	507347	3614795	2.46E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.46E-07
1193	ALL	507423.7	3614809	2.44E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-07
935	ALL	507661	3613945	2.43E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-07
895	ALL	507956.8	3613939	2.43E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-07
984	ALL	507531.5	3614137	2.43E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-07
1007	ALL	507480.7	3614183	2.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-07
1109	ALL	507271.5	3614773	2.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-07
1131	ALL	507193.1	3614734	2.41E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-07
996	ALL	507506.1	3614160	2.38E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-07
934	ALL	507675.1	3613926	2.35E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-07
983	ALL	507531.8	3614114	2.32E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07
890	ALL	508079.7	3613985	2.31E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-07
1120	ALL	507238.1	3614764	2.31E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-07
1241	ALL	507914.4	3614761	2.29E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-07
1242	ALL	507938.8	3614758	2.29E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-07
921	ALL	507739.4	3613888	2.29E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-07
1240	ALL	507890.1	3614765	2.29E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-07
1243	ALL	507963.1	3614754	2.29E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-07
1239	ALL	507865.7	3614768	2.28E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-07
1238	ALL	507841.4	3614772	2.27E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.27E-07
1192	ALL	507399.4	3614812	2.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-07
1006	ALL	507481.1	3614160	2.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-07
901	ALL	507912.2	3613915	2.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-07
1237	ALL	507817	3614776	2.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-07
995	ALL	507506.5	3614137	2.25E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-07
1236	ALL	507792.7	3614779	2.24E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-07
1235	ALL	507768.3	3614783	2.23E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07
911	ALL	507800.7	3613885	2.22E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-07
922	ALL	507702.6	3613898	2.21E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-07
1234	ALL	507744	3614786	2.21E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-07
982	ALL	507532.2	3614091	2.20E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.20E-07
1224	ALL	507500.4	3614823	2.19E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07
894	ALL	507996.6	3613946	2.19E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07
1132	ALL	507204.7	3614755	2.19E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07
1233	ALL	507719.6	3614790	2.19E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07
1162	ALL	507307.9	3614796	2.18E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.18E-07
950	ALL	507570.4	3614024	2.17E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-07
1232	ALL	507695.3	3614794	2.17E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-07
949	ALL	507584.5	3614005	2.17E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-07
951	ALL	507556.3	3614043	2.16E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-07
914	ALL	507888.3	3613903	2.16E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-07
948	ALL	507598.6	3613987	2.15E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-07
1231	ALL	507670.9	3614797	2.15E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-07
952	ALL	507542.2	3614062	2.14E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07
994	ALL	507506.8	3614114	2.13E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07
1005	ALL	507481.5	3614137	2.13E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07
1225	ALL	507524.8	3614819	2.13E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07
1230	ALL	507646.5	3614801	2.12E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-07
1226	ALL	507549.1	3614815	2.12E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-07
947	ALL	507612.7	3613968	2.11E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-07
920	ALL	507776.2	3613878	2.11E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-07

1227	ALL	507573.5	3614812	2.11E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-07
1229	ALL	507622.2	3614804	2.10E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07
1223	ALL	507476.1	3614826	2.10E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07
1228	ALL	507597.8	3614808	2.10E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07
1191	ALL	507375	3614816	2.09E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-07
946	ALL	507626.9	3613949	2.07E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-07
912	ALL	507835.8	3613885	2.04E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-07
1121	ALL	507249.6	3614785	2.04E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-07
993	ALL	507507.2	3614091	2.03E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-07
945	ALL	507641	3613930	2.02E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-07
1004	ALL	507481.8	3614113	2.01E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07
908	ALL	507867.6	3613891	2.00E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-07
1222	ALL	507451.7	3614830	2.00E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-07
899	ALL	508039.2	3613952	1.99E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-07
1133	ALL	507216.2	3614776	1.97E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07
992	ALL	507514.7	3614069	1.97E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07
944	ALL	507655.1	3613911	1.95E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-07
1190	ALL	507350.6	3614819	1.94E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-07
961	ALL	507536.3	3614028	1.92E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-07
962	ALL	507522.2	3614047	1.92E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-07
960	ALL	507550.4	3614009	1.91E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-07
900	ALL	507956.4	3613914	1.91E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-07
1221	ALL	507427.4	3614833	1.90E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-07
959	ALL	507564.5	3613990	1.90E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-07
958	ALL	507578.6	3613972	1.88E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-07
943	ALL	507682.6	3613883	1.86E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07
957	ALL	507592.7	3613953	1.85E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07
1003	ALL	507488.9	3614071	1.85E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07
925	ALL	507714.3	3613869	1.84E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07
956	ALL	507606.9	3613934	1.81E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-07
1220	ALL	507403	3614837	1.80E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07
1189	ALL	507304.2	3614820	1.79E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-07
1134	ALL	507227.7	3614797	1.78E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07
924	ALL	507751.2	3613859	1.77E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-07
955	ALL	507621	3613915	1.77E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-07
907	ALL	507911.8	3613890	1.76E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07
972	ALL	507502.2	3614032	1.75E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07
971	ALL	507516.3	3614013	1.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-07
898	ALL	507996.2	3613921	1.74E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-07
970	ALL	507530.4	3613994	1.72E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-07
954	ALL	507635.1	3613896	1.72E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-07
913	ALL	507818.5	3613867	1.72E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-07
969	ALL	507544.5	3613975	1.71E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-07
1219	ALL	507378.7	3614841	1.70E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-07
968	ALL	507558.6	3613957	1.69E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-07
967	ALL	507572.7	3613938	1.66E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-07
953	ALL	507662.6	3613868	1.65E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07
923	ALL	507782.7	3613854	1.64E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.64E-07
966	ALL	507586.9	3613919	1.63E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07
915	ALL	507853.7	3613867	1.62E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-07
905	ALL	508056.4	3613934	1.62E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-07

1218	ALL	507354.3	3614844	1.61E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07
929	ALL	507707.7	3613845	1.60E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-07
965	ALL	507601	3613900	1.60E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-07
1217	ALL	507256.5	3614825	1.59E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-07
964	ALL	507615.1	3613881	1.56E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07
906	ALL	507956	3613889	1.54E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-07
1216	ALL	507310.3	3614845	1.53E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07
928	ALL	507744.5	3613835	1.52E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07
917	ALL	507888.9	3613868	1.52E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07
963	ALL	507647	3613850	1.50E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-07
916	ALL	507836.4	3613850	1.44E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-07
904	ALL	508031	3613909	1.44E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-07
933	ALL	507701.1	3613821	1.43E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-07
903	ALL	507995.7	3613896	1.43E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-07
926	ALL	507776.1	3613830	1.42E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07
927	ALL	507813.7	3613836	1.38E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-07
918	ALL	507871.6	3613850	1.36E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07
932	ALL	507737.9	3613811	1.35E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07
930	ALL	507773.8	3613806	1.26E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-07
919	ALL	507854.3	3613832	1.25E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-07
931	ALL	507824	3613815	1.21E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-07
326	ALL	506207.5	3613685	1.20E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07
325	ALL	506189.7	3613721	1.18E-07	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-07
330	ALL	505825.2	3614223	6.18E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.18E-08
335	ALL	505850.2	3614248	6.07E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.07E-08
329	ALL	505800.2	3614223	6.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.04E-08
334	ALL	505825.2	3614248	5.94E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.94E-08
328	ALL	505775.2	3614223	5.91E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.91E-08
333	ALL	505800.2	3614248	5.81E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.81E-08
340	ALL	505850.2	3614273	5.78E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.78E-08
327	ALL	505750.2	3614223	5.76E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.76E-08
339	ALL	505825.2	3614273	5.68E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.68E-08
332	ALL	505775.2	3614248	5.68E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.68E-08
338	ALL	505800.2	3614273	5.59E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.59E-08
346	ALL	505875.2	3614298	5.57E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.57E-08
331	ALL	505750.2	3614248	5.52E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.52E-08
345	ALL	505850.2	3614298	5.48E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.48E-08
337	ALL	505775.2	3614273	5.47E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.47E-08
344	ALL	505825.2	3614298	5.42E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.42E-08
343	ALL	505800.2	3614298	5.36E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.36E-08
336	ALL	505750.2	3614273	5.27E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.27E-08
342	ALL	505775.2	3614298	5.25E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.25E-08
352	ALL	505875.2	3614323	5.25E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.25E-08
351	ALL	505850.2	3614323	5.18E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.18E-08
350	ALL	505825.2	3614323	5.16E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.16E-08
349	ALL	505800.2	3614323	5.14E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.14E-08
348	ALL	505775.2	3614323	5.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.04E-08
341	ALL	505750.2	3614298	5.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.02E-08
359	ALL	505900.2	3614348	4.99E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.99E-08
358	ALL	505875.2	3614348	4.90E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.90E-08
357	ALL	505850.2	3614348	4.84E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.84E-08

356	ALL	505825.2	3614348	4.83E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.83E-08
355	ALL	505800.2	3614348	4.82E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.82E-08
347	ALL	505750.2	3614323	4.77E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.77E-08
394	ALL	506150.2	3614473	4.75E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.75E-08
354	ALL	505775.2	3614348	4.73E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.73E-08
365	ALL	505925.2	3614373	4.67E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-08
364	ALL	505900.2	3614373	4.59E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.59E-08
363	ALL	505875.2	3614373	4.51E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.51E-08
393	ALL	506125.2	3614473	4.48E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.48E-08
353	ALL	505750.2	3614348	4.46E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.46E-08
362	ALL	505850.2	3614373	4.46E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.46E-08
361	ALL	505825.2	3614373	4.42E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-08
405	ALL	506150.2	3614498	4.40E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.40E-08
360	ALL	505800.2	3614373	4.39E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.39E-08
371	ALL	505925.2	3614398	4.27E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.27E-08
392	ALL	506100.2	3614473	4.23E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.23E-08
370	ALL	505900.2	3614398	4.21E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.21E-08
369	ALL	505875.2	3614398	4.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.15E-08
404	ALL	506125.2	3614498	4.12E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.12E-08
368	ALL	505850.2	3614398	4.09E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.09E-08
415	ALL	506150.2	3614523	4.08E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.08E-08
391	ALL	506075.2	3614473	4.06E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.06E-08
367	ALL	505825.2	3614398	4.03E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.03E-08
366	ALL	505800.2	3614398	3.97E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-08
377	ALL	505925.2	3614423	3.92E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.92E-08
403	ALL	506100.2	3614498	3.87E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.87E-08
376	ALL	505900.2	3614423	3.86E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.86E-08
375	ALL	505875.2	3614423	3.81E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.81E-08
414	ALL	506125.2	3614523	3.81E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.81E-08
374	ALL	505850.2	3614423	3.74E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.74E-08
402	ALL	506075.2	3614498	3.73E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-08
428	ALL	506150.2	3614548	3.72E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-08
373	ALL	505825.2	3614423	3.66E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.66E-08
383	ALL	505925.2	3614448	3.65E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.65E-08
382	ALL	505900.2	3614448	3.60E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.60E-08
372	ALL	505800.2	3614423	3.58E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.58E-08
390	ALL	505975.2	3614473	3.57E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.57E-08
413	ALL	506100.2	3614523	3.57E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.57E-08
381	ALL	505875.2	3614448	3.56E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-08
427	ALL	506125.2	3614548	3.52E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.52E-08
380	ALL	505850.2	3614448	3.49E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-08
389	ALL	505950.2	3614473	3.49E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-08
412	ALL	506075.2	3614523	3.46E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-08
388	ALL	505925.2	3614473	3.43E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.43E-08
440	ALL	506150.2	3614573	3.42E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.42E-08
379	ALL	505825.2	3614448	3.41E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.41E-08
387	ALL	505900.2	3614473	3.38E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-08
401	ALL	505975.2	3614498	3.36E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.36E-08
426	ALL	506100.2	3614548	3.35E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.35E-08
386	ALL	505875.2	3614473	3.34E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.34E-08
378	ALL	505800.2	3614448	3.34E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.34E-08

385	ALL	505850.2	3614473	3.29E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.29E-08
400	ALL	505950.2	3614498	3.28E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-08
439	ALL	506125.2	3614573	3.28E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-08
425	ALL	506075.2	3614548	3.26E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.26E-08
399	ALL	505925.2	3614498	3.23E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.23E-08
384	ALL	505825.2	3614473	3.21E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.21E-08
398	ALL	505900.2	3614498	3.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.19E-08
424	ALL	506050.2	3614548	3.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.19E-08
452	ALL	506150.2	3614598	3.17E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-08
411	ALL	505975.2	3614523	3.17E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-08
438	ALL	506100.2	3614573	3.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-08
397	ALL	505875.2	3614498	3.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-08
423	ALL	506025.2	3614548	3.12E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-08
410	ALL	505950.2	3614523	3.10E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.10E-08
396	ALL	505850.2	3614498	3.10E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.10E-08
437	ALL	506075.2	3614573	3.08E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-08
451	ALL	506125.2	3614598	3.07E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-08
422	ALL	506000.2	3614548	3.06E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-08
409	ALL	505925.2	3614523	3.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.05E-08
395	ALL	505825.2	3614498	3.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-08
436	ALL	506050.2	3614573	3.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-08
408	ALL	505900.2	3614523	3.01E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.01E-08
421	ALL	505975.2	3614548	3.01E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.01E-08
450	ALL	506100.2	3614598	2.98E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.98E-08
407	ALL	505875.2	3614523	2.98E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.98E-08
463	ALL	506150.2	3614623	2.97E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.97E-08
435	ALL	506025.2	3614573	2.96E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-08
420	ALL	505950.2	3614548	2.95E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-08
406	ALL	505850.2	3614523	2.93E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-08
449	ALL	506075.2	3614598	2.92E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-08
419	ALL	505925.2	3614548	2.91E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.91E-08
434	ALL	506000.2	3614573	2.91E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.91E-08
462	ALL	506125.2	3614623	2.90E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.90E-08
418	ALL	505900.2	3614548	2.87E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-08
433	ALL	505975.2	3614573	2.86E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.86E-08
448	ALL	506050.2	3614598	2.86E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.86E-08
417	ALL	505875.2	3614548	2.83E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-08
461	ALL	506100.2	3614623	2.83E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-08
432	ALL	505950.2	3614573	2.82E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-08
474	ALL	506150.2	3614648	2.81E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-08
447	ALL	506025.2	3614598	2.81E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-08
416	ALL	505850.2	3614548	2.78E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-08
431	ALL	505925.2	3614573	2.78E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-08
460	ALL	506075.2	3614623	2.77E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-08
446	ALL	506000.2	3614598	2.77E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-08
473	ALL	506125.2	3614648	2.75E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-08
430	ALL	505900.2	3614573	2.73E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-08
445	ALL	505975.2	3614598	2.73E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-08
459	ALL	506050.2	3614623	2.72E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-08
444	ALL	505950.2	3614598	2.70E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-08
429	ALL	505875.2	3614573	2.69E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-08

472	ALL	506100.2	3614648	2.69E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-08
458	ALL	506025.2	3614623	2.68E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.68E-08
485	ALL	506150.2	3614673	2.67E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.67E-08
443	ALL	505925.2	3614598	2.66E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.66E-08
457	ALL	506000.2	3614623	2.64E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.64E-08
471	ALL	506075.2	3614648	2.64E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.64E-08
442	ALL	505900.2	3614598	2.61E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-08
456	ALL	505975.2	3614623	2.61E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-08
484	ALL	506125.2	3614673	2.61E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-08
470	ALL	506050.2	3614648	2.60E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.60E-08
455	ALL	505950.2	3614623	2.58E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-08
441	ALL	505875.2	3614598	2.57E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-08
469	ALL	506025.2	3614648	2.56E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.56E-08
483	ALL	506100.2	3614673	2.55E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-08
454	ALL	505925.2	3614623	2.54E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.54E-08
496	ALL	506150.2	3614698	2.53E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-08
468	ALL	506000.2	3614648	2.53E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-08
482	ALL	506075.2	3614673	2.51E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-08
453	ALL	505900.2	3614623	2.50E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-08
467	ALL	505975.2	3614648	2.50E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-08
481	ALL	506050.2	3614673	2.48E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-08
495	ALL	506125.2	3614698	2.47E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-08
466	ALL	505950.2	3614648	2.47E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-08
480	ALL	506025.2	3614673	2.44E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-08
465	ALL	505925.2	3614648	2.43E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-08
494	ALL	506100.2	3614698	2.42E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-08
479	ALL	506000.2	3614673	2.41E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-08
464	ALL	505900.2	3614648	2.40E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-08
507	ALL	506150.2	3614723	2.39E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-08
493	ALL	506075.2	3614698	2.39E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-08
478	ALL	505975.2	3614673	2.39E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-08
477	ALL	505950.2	3614673	2.36E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08
492	ALL	506050.2	3614698	2.36E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08
506	ALL	506125.2	3614723	2.35E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-08
491	ALL	506025.2	3614698	2.33E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-08
476	ALL	505925.2	3614673	2.33E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-08
490	ALL	506000.2	3614698	2.31E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-08
505	ALL	506100.2	3614723	2.30E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-08
475	ALL	505900.2	3614673	2.29E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-08
489	ALL	505975.2	3614698	2.28E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-08
504	ALL	506075.2	3614723	2.27E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.27E-08
518	ALL	506150.2	3614748	2.26E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-08
488	ALL	505950.2	3614698	2.26E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-08
503	ALL	506050.2	3614723	2.24E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-08
487	ALL	505925.2	3614698	2.23E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-08
517	ALL	506125.2	3614748	2.23E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-08
502	ALL	506025.2	3614723	2.22E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08
501	ALL	506000.2	3614723	2.20E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.20E-08
486	ALL	505900.2	3614698	2.20E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.20E-08
516	ALL	506100.2	3614748	2.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-08
500	ALL	505975.2	3614723	2.17E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-08

515	ALL	506075.2	3614748	2.16E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-08
499	ALL	505950.2	3614723	2.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-08
527	ALL	506150.2	3614773	2.14E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-08
514	ALL	506050.2	3614748	2.13E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08
498	ALL	505925.2	3614723	2.13E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08
526	ALL	506125.2	3614773	2.11E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08
513	ALL	506025.2	3614748	2.11E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08
497	ALL	505900.2	3614723	2.10E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-08
512	ALL	506000.2	3614748	2.09E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-08
525	ALL	506100.2	3614773	2.08E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08
511	ALL	505975.2	3614748	2.07E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-08
510	ALL	505950.2	3614748	2.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-08
524	ALL	506075.2	3614773	2.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-08
509	ALL	505925.2	3614748	2.03E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-08
523	ALL	506050.2	3614773	2.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-08
536	ALL	506150.2	3614798	2.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-08
508	ALL	505900.2	3614748	2.00E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-08
522	ALL	506025.2	3614773	2.00E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-08
535	ALL	506125.2	3614798	2.00E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-08
521	ALL	506000.2	3614773	1.98E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-08
534	ALL	506100.2	3614798	1.97E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-08
520	ALL	505975.2	3614773	1.97E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-08
519	ALL	505950.2	3614773	1.96E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-08
533	ALL	506075.2	3614798	1.94E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08
561	ALL	506324.9	3614883	1.92E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08
532	ALL	506050.2	3614798	1.92E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08
545	ALL	506150.2	3614823	1.90E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-08
531	ALL	506025.2	3614798	1.89E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08
530	ALL	506000.2	3614798	1.88E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-08
544	ALL	506125.2	3614823	1.88E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-08
529	ALL	505975.2	3614798	1.87E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-08
560	ALL	506299.9	3614883	1.87E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-08
528	ALL	505950.2	3614798	1.86E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-08
543	ALL	506100.2	3614823	1.85E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-08
542	ALL	506075.2	3614823	1.83E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-08
559	ALL	506274.9	3614883	1.81E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-08
541	ALL	506050.2	3614823	1.81E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-08
577	ALL	506324.9	3614908	1.80E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-08
540	ALL	506025.2	3614823	1.79E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08
539	ALL	506000.2	3614823	1.78E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-08
538	ALL	505975.2	3614823	1.77E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08
558	ALL	506249.9	3614883	1.77E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08
537	ALL	505950.2	3614823	1.76E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-08
576	ALL	506299.9	3614908	1.75E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-08
557	ALL	506224.9	3614883	1.73E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-08
575	ALL	506274.9	3614908	1.71E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-08
593	ALL	506324.9	3614933	1.69E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08
556	ALL	506199.9	3614883	1.68E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-08
574	ALL	506249.9	3614908	1.65E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-08
592	ALL	506299.9	3614933	1.65E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-08
555	ALL	506174.9	3614883	1.65E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-08

554	ALL	506149.9	3614883	1.62E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-08
573	ALL	506224.9	3614908	1.62E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-08
591	ALL	506274.9	3614933	1.60E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08
553	ALL	506124.9	3614883	1.60E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08
609	ALL	506324.9	3614958	1.60E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08
572	ALL	506199.9	3614908	1.59E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-08
552	ALL	506099.9	3614883	1.58E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-08
590	ALL	506249.9	3614933	1.56E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-08
551	ALL	506074.9	3614883	1.56E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-08
571	ALL	506174.9	3614908	1.56E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-08
608	ALL	506299.9	3614958	1.55E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-08
550	ALL	506049.9	3614883	1.55E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-08
570	ALL	506149.9	3614908	1.54E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-08
549	ALL	506024.9	3614883	1.53E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-08
589	ALL	506224.9	3614933	1.53E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-08
548	ALL	505999.9	3614883	1.53E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-08
547	ALL	505974.9	3614883	1.52E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-08
546	ALL	505949.9	3614883	1.52E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-08
607	ALL	506274.9	3614958	1.52E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-08
569	ALL	506124.9	3614908	1.51E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-08
625	ALL	506324.9	3614983	1.51E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-08
588	ALL	506199.9	3614933	1.50E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-08
568	ALL	506099.9	3614908	1.49E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-08
606	ALL	506249.9	3614958	1.48E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-08
587	ALL	506174.9	3614933	1.48E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-08
567	ALL	506074.9	3614908	1.48E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-08
624	ALL	506299.9	3614983	1.47E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-08
566	ALL	506049.9	3614908	1.46E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-08
586	ALL	506149.9	3614933	1.45E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-08
605	ALL	506224.9	3614958	1.45E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-08
565	ALL	506024.9	3614908	1.45E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-08
564	ALL	505999.9	3614908	1.45E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-08
563	ALL	505974.9	3614908	1.44E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08
623	ALL	506274.9	3614983	1.44E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08
562	ALL	505949.9	3614908	1.44E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08
641	ALL	506324.9	3615008	1.43E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-08
585	ALL	506124.9	3614933	1.43E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-08
604	ALL	506199.9	3614958	1.43E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-08
584	ALL	506099.9	3614933	1.41E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-08
622	ALL	506249.9	3614983	1.41E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-08
640	ALL	506299.9	3615008	1.40E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-08
603	ALL	506174.9	3614958	1.40E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-08
583	ALL	506074.9	3614933	1.40E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-08
582	ALL	506049.9	3614933	1.39E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08
621	ALL	506224.9	3614983	1.38E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-08
602	ALL	506149.9	3614958	1.38E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-08
581	ALL	506024.9	3614933	1.38E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-08
639	ALL	506274.9	3615008	1.37E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-08
657	ALL	506324.9	3615033	1.37E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-08
580	ALL	505999.9	3614933	1.37E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-08
579	ALL	505974.9	3614933	1.37E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-08

578	ALL	505949.9	3614933	1.36E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-08
601	ALL	506124.9	3614958	1.36E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-08
620	ALL	506199.9	3614983	1.36E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-08
638	ALL	506249.9	3615008	1.35E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-08
600	ALL	506099.9	3614958	1.34E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-08
656	ALL	506299.9	3615033	1.34E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-08
619	ALL	506174.9	3614983	1.34E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-08
599	ALL	506074.9	3614958	1.33E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-08
637	ALL	506224.9	3615008	1.32E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-08
598	ALL	506049.9	3614958	1.32E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-08
673	ALL	506324.9	3615058	1.32E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-08
618	ALL	506149.9	3614983	1.32E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-08
655	ALL	506274.9	3615033	1.31E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-08
597	ALL	506024.9	3614958	1.31E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-08
636	ALL	506199.9	3615008	1.30E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-08
596	ALL	505999.9	3614958	1.30E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-08
595	ALL	505974.9	3614958	1.30E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-08
617	ALL	506124.9	3614983	1.30E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-08
594	ALL	505949.9	3614958	1.29E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-08
672	ALL	506299.9	3615058	1.29E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-08
654	ALL	506249.9	3615033	1.29E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-08
635	ALL	506174.9	3615008	1.28E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-08
616	ALL	506099.9	3614983	1.28E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-08
653	ALL	506224.9	3615033	1.27E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-08
689	ALL	506324.9	3615083	1.27E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-08
634	ALL	506149.9	3615008	1.27E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-08
615	ALL	506074.9	3614983	1.27E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-08
671	ALL	506274.9	3615058	1.26E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-08
614	ALL	506049.9	3614983	1.26E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-08
652	ALL	506199.9	3615033	1.25E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-08
633	ALL	506124.9	3615008	1.25E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-08
613	ALL	506024.9	3614983	1.24E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-08
688	ALL	506299.9	3615083	1.24E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-08
612	ALL	505999.9	3614983	1.24E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-08
670	ALL	506249.9	3615058	1.24E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-08
651	ALL	506174.9	3615033	1.23E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-08
632	ALL	506099.9	3615008	1.23E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-08
611	ALL	505974.9	3614983	1.23E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-08
610	ALL	505949.9	3614983	1.23E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-08
705	ALL	506324.9	3615108	1.23E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-08
631	ALL	506074.9	3615008	1.22E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-08
669	ALL	506224.9	3615058	1.22E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-08
650	ALL	506149.9	3615033	1.22E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-08
687	ALL	506274.9	3615083	1.22E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-08
630	ALL	506049.9	3615008	1.21E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-08
649	ALL	506124.9	3615033	1.21E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-08
668	ALL	506199.9	3615058	1.21E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-08
704	ALL	506299.9	3615108	1.21E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-08
629	ALL	506024.9	3615008	1.20E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-08
686	ALL	506249.9	3615083	1.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08
628	ALL	505999.9	3615008	1.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08

721	ALL	506324.9	3615133	1.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08
648	ALL	506099.9	3615033	1.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08
667	ALL	506174.9	3615058	1.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08
627	ALL	505974.9	3615008	1.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08
626	ALL	505949.9	3615008	1.19E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08
703	ALL	506274.9	3615108	1.18E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08
647	ALL	506074.9	3615033	1.18E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08
685	ALL	506224.9	3615083	1.18E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08
666	ALL	506149.9	3615058	1.18E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08
720	ALL	506299.9	3615133	1.17E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-08
646	ALL	506049.9	3615033	1.17E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-08
684	ALL	506199.9	3615083	1.17E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-08
665	ALL	506124.9	3615058	1.17E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-08
645	ALL	506024.9	3615033	1.16E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08
702	ALL	506249.9	3615108	1.16E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08
737	ALL	506324.9	3615158	1.16E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08
644	ALL	505999.9	3615033	1.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08
664	ALL	506099.9	3615058	1.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08
683	ALL	506174.9	3615083	1.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08
719	ALL	506274.9	3615133	1.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08
643	ALL	505974.9	3615033	1.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08
701	ALL	506224.9	3615108	1.15E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08
642	ALL	505949.9	3615033	1.14E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-08
663	ALL	506074.9	3615058	1.14E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-08
736	ALL	506299.9	3615158	1.14E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-08
682	ALL	506149.9	3615083	1.14E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-08
662	ALL	506049.9	3615058	1.13E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-08
700	ALL	506199.9	3615108	1.13E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-08
718	ALL	506249.9	3615133	1.13E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-08
753	ALL	506324.9	3615183	1.13E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-08
681	ALL	506124.9	3615083	1.13E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-08
661	ALL	506024.9	3615058	1.12E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08
735	ALL	506274.9	3615158	1.12E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08
699	ALL	506174.9	3615108	1.12E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08
680	ALL	506099.9	3615083	1.12E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08
717	ALL	506224.9	3615133	1.12E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08
660	ALL	505999.9	3615058	1.12E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08
752	ALL	506299.9	3615183	1.11E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08
659	ALL	505974.9	3615058	1.11E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08
679	ALL	506074.9	3615083	1.11E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08
698	ALL	506149.9	3615108	1.11E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08
658	ALL	505949.9	3615058	1.11E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08
734	ALL	506249.9	3615158	1.10E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08
716	ALL	506199.9	3615133	1.10E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08
769	ALL	506324.9	3615208	1.10E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08
678	ALL	506049.9	3615083	1.10E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08
697	ALL	506124.9	3615108	1.10E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08
751	ALL	506274.9	3615183	1.10E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08
677	ALL	506024.9	3615083	1.09E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08
733	ALL	506224.9	3615158	1.09E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08
715	ALL	506174.9	3615133	1.09E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08

696	ALL	506099.9	3615108	1.09E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08
768	ALL	506299.9	3615208	1.09E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08
676	ALL	505999.9	3615083	1.08E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08
714	ALL	506149.9	3615133	1.08E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08
750	ALL	506249.9	3615183	1.08E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08
695	ALL	506074.9	3615108	1.08E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08
732	ALL	506199.9	3615158	1.08E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08
675	ALL	505974.9	3615083	1.08E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08
785	ALL	506324.9	3615233	1.07E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08
767	ALL	506274.9	3615208	1.07E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08
674	ALL	505949.9	3615083	1.07E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08
694	ALL	506049.9	3615108	1.07E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08
713	ALL	506124.9	3615133	1.07E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08
749	ALL	506224.9	3615183	1.07E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08
731	ALL	506174.9	3615158	1.06E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-08
784	ALL	506299.9	3615233	1.06E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-08
693	ALL	506024.9	3615108	1.06E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-08
712	ALL	506099.9	3615133	1.06E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-08
766	ALL	506249.9	3615208	1.06E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-08
730	ALL	506149.9	3615158	1.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-08
748	ALL	506199.9	3615183	1.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-08
692	ALL	505999.9	3615108	1.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-08
711	ALL	506074.9	3615133	1.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-08
801	ALL	506324.9	3615258	1.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-08
783	ALL	506274.9	3615233	1.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-08
691	ALL	505974.9	3615108	1.05E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-08
765	ALL	506224.9	3615208	1.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-08
729	ALL	506124.9	3615158	1.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-08
710	ALL	506049.9	3615133	1.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-08
747	ALL	506174.9	3615183	1.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-08
690	ALL	505949.9	3615108	1.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-08
800	ALL	506299.9	3615258	1.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-08
782	ALL	506249.9	3615233	1.04E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-08
728	ALL	506099.9	3615158	1.03E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08
709	ALL	506024.9	3615133	1.03E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08
764	ALL	506199.9	3615208	1.03E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08
746	ALL	506149.9	3615183	1.03E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08
799	ALL	506274.9	3615258	1.03E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08
708	ALL	505999.9	3615133	1.03E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08
727	ALL	506074.9	3615158	1.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08
781	ALL	506224.9	3615233	1.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08
745	ALL	506124.9	3615183	1.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08
707	ALL	505974.9	3615133	1.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08
763	ALL	506174.9	3615208	1.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08
726	ALL	506049.9	3615158	1.02E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08
798	ALL	506249.9	3615258	1.01E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08
706	ALL	505949.9	3615133	1.01E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08
744	ALL	506099.9	3615183	1.01E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08
780	ALL	506199.9	3615233	1.01E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08
762	ALL	506149.9	3615208	1.01E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08
725	ALL	506024.9	3615158	1.01E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08

797	ALL	506224.9	3615258	1.00E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-08
743	ALL	506074.9	3615183	1.00E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-08
724	ALL	505999.9	3615158	1.00E-08	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-08
761	ALL	506124.9	3615208	9.99E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.99E-09
779	ALL	506174.9	3615233	9.99E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.99E-09
723	ALL	505974.9	3615158	9.93E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.93E-09
742	ALL	506049.9	3615183	9.93E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.93E-09
796	ALL	506199.9	3615258	9.92E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.92E-09
760	ALL	506099.9	3615208	9.89E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.89E-09
778	ALL	506149.9	3615233	9.88E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.88E-09
722	ALL	505949.9	3615158	9.86E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.86E-09
741	ALL	506024.9	3615183	9.85E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.85E-09
759	ALL	506074.9	3615208	9.80E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.80E-09
795	ALL	506174.9	3615258	9.80E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.80E-09
777	ALL	506124.9	3615233	9.80E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.80E-09
740	ALL	505999.9	3615183	9.77E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.77E-09
758	ALL	506049.9	3615208	9.72E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.72E-09
794	ALL	506149.9	3615258	9.71E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.71E-09
776	ALL	506099.9	3615233	9.70E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.70E-09
739	ALL	505974.9	3615183	9.69E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.69E-09
757	ALL	506024.9	3615208	9.63E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.63E-09
738	ALL	505949.9	3615183	9.63E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.63E-09
803	ALL	508011.5	3615651	9.62E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.62E-09
775	ALL	506074.9	3615233	9.61E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.61E-09
793	ALL	506124.9	3615258	9.61E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.61E-09
756	ALL	505999.9	3615208	9.56E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.56E-09
774	ALL	506049.9	3615233	9.53E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.53E-09
792	ALL	506099.9	3615258	9.52E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.52E-09
755	ALL	505974.9	3615208	9.48E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.48E-09
773	ALL	506024.9	3615233	9.45E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.45E-09
791	ALL	506074.9	3615258	9.44E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.44E-09
754	ALL	505949.9	3615208	9.41E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.41E-09
772	ALL	505999.9	3615233	9.37E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.37E-09
790	ALL	506049.9	3615258	9.36E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.36E-09
771	ALL	505974.9	3615233	9.29E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.29E-09
789	ALL	506024.9	3615258	9.28E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.28E-09
770	ALL	505949.9	3615233	9.22E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.22E-09
788	ALL	505999.9	3615258	9.20E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.20E-09
787	ALL	505974.9	3615258	9.12E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.12E-09
786	ALL	505949.9	3615258	9.05E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.05E-09
802	ALL	507913.9	3615754	8.28E-09	4YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.28E-09

Proctor Valley Land Exchange Alternative - Unmitigated Construction Scenario Chronic Hazard Indices

**HARP - Air Dispersion Modeling and Risk Tool v17052
**10/13/2017
**Exported Risk Results. Only discrete sensitive receptors are included, sorted from highest to lowest risk.

REC	GRP	X	Y	SCENARIO	RESP	MAXHI
1048	ALL	507235.4	3614388	NonCancerChronicDerived_InhSoilDermMMilk	0.000472	0.000472
1047	ALL	507246.9	3614369	NonCancerChronicDerived_InhSoilDermMMilk	0.00047	0.00047
1049	ALL	507224	3614408	NonCancerChronicDerived_InhSoilDermMMilk	0.000466	0.000466
1050	ALL	507212.5	3614428	NonCancerChronicDerived_InhSoilDermMMilk	0.000455	0.000455
1051	ALL	507201.1	3614447	NonCancerChronicDerived_InhSoilDermMMilk	0.000441	0.000441
1046	ALL	507258.3	3614349	NonCancerChronicDerived_InhSoilDermMMilk	0.000424	0.000424
1052	ALL	507189.6	3614467	NonCancerChronicDerived_InhSoilDermMMilk	0.000421	0.000421
1058	ALL	507213.8	3614376	NonCancerChronicDerived_InhSoilDermMMilk	0.000398	0.000398
1057	ALL	507225.3	3614356	NonCancerChronicDerived_InhSoilDermMMilk	0.000396	0.000396
1059	ALL	507202.4	3614395	NonCancerChronicDerived_InhSoilDermMMilk	0.000393	0.000393
1053	ALL	507178.2	3614487	NonCancerChronicDerived_InhSoilDermMMilk	0.00039	0.00039
835	ALL	508011.6	3614277	NonCancerChronicDerived_InhSoilDermMMilk	0.000388	0.000388
1045	ALL	507269.8	3614330	NonCancerChronicDerived_InhSoilDermMMilk	0.000386	0.000386
1060	ALL	507190.9	3614415	NonCancerChronicDerived_InhSoilDermMMilk	0.000383	0.000383
828	ALL	508021.9	3614309	NonCancerChronicDerived_InhSoilDermMMilk	0.000383	0.000383
829	ALL	508010.2	3614234	NonCancerChronicDerived_InhSoilDermMMilk	0.000373	0.000373
1061	ALL	507179.5	3614435	NonCancerChronicDerived_InhSoilDermMMilk	0.00037	0.00037
805	ALL	508113.8	3614478	NonCancerChronicDerived_InhSoilDermMMilk	0.000368	0.000368
806	ALL	508118	3614435	NonCancerChronicDerived_InhSoilDermMMilk	0.000368	0.000368
1056	ALL	507236.7	3614337	NonCancerChronicDerived_InhSoilDermMMilk	0.000363	0.000363
850	ALL	508011.8	3614203	NonCancerChronicDerived_InhSoilDermMMilk	0.000356	0.000356
842	ALL	508019.1	3614254	NonCancerChronicDerived_InhSoilDermMMilk	0.000353	0.000353
807	ALL	508122.2	3614392	NonCancerChronicDerived_InhSoilDermMMilk	0.000352	0.000352
1062	ALL	507168	3614454	NonCancerChronicDerived_InhSoilDermMMilk	0.000351	0.000351
1068	ALL	507192.2	3614363	NonCancerChronicDerived_InhSoilDermMMilk	0.000351	0.000351
1067	ALL	507203.7	3614344	NonCancerChronicDerived_InhSoilDermMMilk	0.000351	0.000351
851	ALL	508011.1	3614179	NonCancerChronicDerived_InhSoilDermMMilk	0.00035	0.00035
1020	ALL	507289.8	3614317	NonCancerChronicDerived_InhSoilDermMMilk	0.000348	0.000348
1066	ALL	507215.1	3614324	NonCancerChronicDerived_InhSoilDermMMilk	0.000347	0.000347
827	ALL	508043.7	3614318	NonCancerChronicDerived_InhSoilDermMMilk	0.000347	0.000347
1069	ALL	507180.8	3614383	NonCancerChronicDerived_InhSoilDermMMilk	0.000347	0.000347
804	ALL	508109.6	3614521	NonCancerChronicDerived_InhSoilDermMMilk	0.000346	0.000346
852	ALL	508010.3	3614155	NonCancerChronicDerived_InhSoilDermMMilk	0.000344	0.000344
1054	ALL	507166.7	3614506	NonCancerChronicDerived_InhSoilDermMMilk	0.000339	0.000339
1070	ALL	507169.3	3614402	NonCancerChronicDerived_InhSoilDermMMilk	0.000338	0.000338
1055	ALL	507256.6	3614308	NonCancerChronicDerived_InhSoilDermMMilk	0.000336	0.000336
853	ALL	508009.5	3614131	NonCancerChronicDerived_InhSoilDermMMilk	0.000336	0.000336
1250	ALL	508085.3	3614554	NonCancerChronicDerived_InhSoilDermMMilk	0.000336	0.000336
834	ALL	508031.4	3614286	NonCancerChronicDerived_InhSoilDermMMilk	0.000336	0.000336
1249	ALL	508068.3	3614571	NonCancerChronicDerived_InhSoilDermMMilk	0.000335	0.000335
1248	ALL	508051.3	3614588	NonCancerChronicDerived_InhSoilDermMMilk	0.000332	0.000332

1019	ALL	507313.7	3614316	NonCancerChronicDerived_InhSoilDermMMilk	0.000328	0.000328
854	ALL	508008.7	3614108	NonCancerChronicDerived_InhSoilDermMMilk	0.000328	0.000328
1247	ALL	508034.2	3614605	NonCancerChronicDerived_InhSoilDermMMilk	0.000327	0.000327
1071	ALL	507157.9	3614422	NonCancerChronicDerived_InhSoilDermMMilk	0.000326	0.000326
1063	ALL	507156.6	3614474	NonCancerChronicDerived_InhSoilDermMMilk	0.000325	0.000325
826	ALL	508065.4	3614327	NonCancerChronicDerived_InhSoilDermMMilk	0.000324	0.000324
1246	ALL	508017.2	3614622	NonCancerChronicDerived_InhSoilDermMMilk	0.000319	0.000319
1077	ALL	507193.5	3614311	NonCancerChronicDerived_InhSoilDermMMilk	0.000319	0.000319
1078	ALL	507182.1	3614331	NonCancerChronicDerived_InhSoilDermMMilk	0.000318	0.000318
855	ALL	508007.9	3614084	NonCancerChronicDerived_InhSoilDermMMilk	0.000318	0.000318
849	ALL	508028.5	3614231	NonCancerChronicDerived_InhSoilDermMMilk	0.000318	0.000318
1079	ALL	507170.6	3614351	NonCancerChronicDerived_InhSoilDermMMilk	0.000317	0.000317
1075	ALL	507216.3	3614280	NonCancerChronicDerived_InhSoilDermMMilk	0.000314	0.000314
1065	ALL	507239.3	3614291	NonCancerChronicDerived_InhSoilDermMMilk	0.000314	0.000314
1080	ALL	507159.2	3614370	NonCancerChronicDerived_InhSoilDermMMilk	0.000313	0.000313
1087	ALL	507178	3614552	NonCancerChronicDerived_InhSoilDermMMilk	0.000312	0.000312
1018	ALL	507337.6	3614314	NonCancerChronicDerived_InhSoilDermMMilk	0.00031	0.00031
1086	ALL	507166.4	3614531	NonCancerChronicDerived_InhSoilDermMMilk	0.00031	0.00031
1072	ALL	507146.4	3614442	NonCancerChronicDerived_InhSoilDermMMilk	0.00031	0.00031
1088	ALL	507189.5	3614573	NonCancerChronicDerived_InhSoilDermMMilk	0.000308	0.000308
856	ALL	508007.1	3614060	NonCancerChronicDerived_InhSoilDermMMilk	0.000306	0.000306
1081	ALL	507147.7	3614390	NonCancerChronicDerived_InhSoilDermMMilk	0.000305	0.000305
1245	ALL	508000.2	3614639	NonCancerChronicDerived_InhSoilDermMMilk	0.000304	0.000304
825	ALL	508087.1	3614336	NonCancerChronicDerived_InhSoilDermMMilk	0.000304	0.000304
841	ALL	508040.8	3614263	NonCancerChronicDerived_InhSoilDermMMilk	0.000304	0.000304
810	ALL	508140.7	3614459	NonCancerChronicDerived_InhSoilDermMMilk	0.000302	0.000302
1089	ALL	507201	3614594	NonCancerChronicDerived_InhSoilDermMMilk	0.000299	0.000299
833	ALL	508053.1	3614295	NonCancerChronicDerived_InhSoilDermMMilk	0.000298	0.000298
809	ALL	508136.5	3614502	NonCancerChronicDerived_InhSoilDermMMilk	0.000297	0.000297
811	ALL	508145	3614416	NonCancerChronicDerived_InhSoilDermMMilk	0.000295	0.000295
1082	ALL	507136.3	3614410	NonCancerChronicDerived_InhSoilDermMMilk	0.000293	0.000293
1028	ALL	507288.2	3614292	NonCancerChronicDerived_InhSoilDermMMilk	0.000293	0.000293
1017	ALL	507361.6	3614313	NonCancerChronicDerived_InhSoilDermMMilk	0.000291	0.000291
860	ALL	508036.8	3614202	NonCancerChronicDerived_InhSoilDermMMilk	0.00029	0.00029
857	ALL	508006.3	3614036	NonCancerChronicDerived_InhSoilDermMMilk	0.000288	0.000288
1064	ALL	507145.1	3614494	NonCancerChronicDerived_InhSoilDermMMilk	0.000288	0.000288
1090	ALL	507212.6	3614615	NonCancerChronicDerived_InhSoilDermMMilk	0.000287	0.000287
1073	ALL	507135	3614461	NonCancerChronicDerived_InhSoilDermMMilk	0.000286	0.000286
824	ALL	508108.8	3614345	NonCancerChronicDerived_InhSoilDermMMilk	0.000285	0.000285
861	ALL	508036	3614179	NonCancerChronicDerived_InhSoilDermMMilk	0.000283	0.000283
1141	ALL	507465.1	3614752	NonCancerChronicDerived_InhSoilDermMMilk	0.000281	0.000281
1083	ALL	507124.8	3614429	NonCancerChronicDerived_InhSoilDermMMilk	0.000279	0.000279
808	ALL	508127.2	3614539	NonCancerChronicDerived_InhSoilDermMMilk	0.000279	0.000279
848	ALL	508050.2	3614240	NonCancerChronicDerived_InhSoilDermMMilk	0.000278	0.000278
1244	ALL	507983.2	3614656	NonCancerChronicDerived_InhSoilDermMMilk	0.000277	0.000277
862	ALL	508035.3	3614155	NonCancerChronicDerived_InhSoilDermMMilk	0.000277	0.000277
1091	ALL	507224.1	3614635	NonCancerChronicDerived_InhSoilDermMMilk	0.000275	0.000275
1016	ALL	507385.5	3614311	NonCancerChronicDerived_InhSoilDermMMilk	0.000274	0.000274

1142	ALL	507489.4	3614748	NonCancerChronicDerived_InhSoilDermMMilk	0.000273	0.000273
832	ALL	508074.8	3614304	NonCancerChronicDerived_InhSoilDermMMilk	0.000271	0.000271
1027	ALL	507312.1	3614291	NonCancerChronicDerived_InhSoilDermMMilk	0.00027	0.00027
1076	ALL	507254.2	3614252	NonCancerChronicDerived_InhSoilDermMMilk	0.00027	0.00027
1143	ALL	507513.8	3614745	NonCancerChronicDerived_InhSoilDermMMilk	0.00027	0.00027
1140	ALL	507440.7	3614756	NonCancerChronicDerived_InhSoilDermMMilk	0.00027	0.00027
840	ALL	508062.5	3614272	NonCancerChronicDerived_InhSoilDermMMilk	0.000269	0.000269
863	ALL	508034.5	3614131	NonCancerChronicDerived_InhSoilDermMMilk	0.000269	0.000269
1258	ALL	508103	3614571	NonCancerChronicDerived_InhSoilDermMMilk	0.000268	0.000268
1257	ALL	508086	3614588	NonCancerChronicDerived_InhSoilDermMMilk	0.000266	0.000266
1144	ALL	507538.1	3614741	NonCancerChronicDerived_InhSoilDermMMilk	0.000264	0.000264
1015	ALL	507409.4	3614310	NonCancerChronicDerived_InhSoilDermMMilk	0.000262	0.000262
1256	ALL	508069	3614605	NonCancerChronicDerived_InhSoilDermMMilk	0.000261	0.000261
812	ALL	508149.2	3614373	NonCancerChronicDerived_InhSoilDermMMilk	0.000261	0.000261
1092	ALL	507235.7	3614656	NonCancerChronicDerived_InhSoilDermMMilk	0.00026	0.00026
864	ALL	508033.7	3614107	NonCancerChronicDerived_InhSoilDermMMilk	0.00026	0.00026
815	ALL	508165.6	3614461	NonCancerChronicDerived_InhSoilDermMMilk	0.000259	0.000259
1084	ALL	507113.4	3614449	NonCancerChronicDerived_InhSoilDermMMilk	0.000258	0.000258
1145	ALL	507562.5	3614738	NonCancerChronicDerived_InhSoilDermMMilk	0.000258	0.000258
1036	ALL	507286.6	3614267	NonCancerChronicDerived_InhSoilDermMMilk	0.000258	0.000258
1074	ALL	507123.5	3614481	NonCancerChronicDerived_InhSoilDermMMilk	0.000256	0.000256
814	ALL	508161.4	3614505	NonCancerChronicDerived_InhSoilDermMMilk	0.000255	0.000255
1139	ALL	507416.4	3614759	NonCancerChronicDerived_InhSoilDermMMilk	0.000255	0.000255
1255	ALL	508051.9	3614622	NonCancerChronicDerived_InhSoilDermMMilk	0.000254	0.000254
1146	ALL	507586.8	3614734	NonCancerChronicDerived_InhSoilDermMMilk	0.000253	0.000253
858	ALL	508005.5	3614012	NonCancerChronicDerived_InhSoilDermMMilk	0.000253	0.000253
1014	ALL	507433.3	3614308	NonCancerChronicDerived_InhSoilDermMMilk	0.000251	0.000251
816	ALL	508169.8	3614418	NonCancerChronicDerived_InhSoilDermMMilk	0.000251	0.000251
831	ALL	508096.5	3614313	NonCancerChronicDerived_InhSoilDermMMilk	0.000251	0.000251
865	ALL	508032.9	3614083	NonCancerChronicDerived_InhSoilDermMMilk	0.00025	0.00025
1098	ALL	507141.4	3614531	NonCancerChronicDerived_InhSoilDermMMilk	0.00025	0.00025
1147	ALL	507611.2	3614730	NonCancerChronicDerived_InhSoilDermMMilk	0.00025	0.00025
1026	ALL	507336	3614289	NonCancerChronicDerived_InhSoilDermMMilk	0.000249	0.000249
847	ALL	508071.9	3614249	NonCancerChronicDerived_InhSoilDermMMilk	0.000247	0.000247
870	ALL	508061.8	3614202	NonCancerChronicDerived_InhSoilDermMMilk	0.000247	0.000247
1148	ALL	507635.5	3614727	NonCancerChronicDerived_InhSoilDermMMilk	0.000246	0.000246
1254	ALL	508034.9	3614639	NonCancerChronicDerived_InhSoilDermMMilk	0.000244	0.000244
1149	ALL	507659.9	3614723	NonCancerChronicDerived_InhSoilDermMMilk	0.000244	0.000244
1093	ALL	507247.2	3614677	NonCancerChronicDerived_InhSoilDermMMilk	0.000244	0.000244
839	ALL	508084.2	3614281	NonCancerChronicDerived_InhSoilDermMMilk	0.000243	0.000243
813	ALL	508152.1	3614541	NonCancerChronicDerived_InhSoilDermMMilk	0.000243	0.000243
1099	ALL	507156.1	3614564	NonCancerChronicDerived_InhSoilDermMMilk	0.000243	0.000243
1013	ALL	507457.3	3614306	NonCancerChronicDerived_InhSoilDermMMilk	0.000243	0.000243
1150	ALL	507684.3	3614719	NonCancerChronicDerived_InhSoilDermMMilk	0.000242	0.000242
981	ALL	507553.9	3614300	NonCancerChronicDerived_InhSoilDermMMilk	0.000241	0.000241
871	ALL	508061	3614178	NonCancerChronicDerived_InhSoilDermMMilk	0.00024	0.00024
1151	ALL	507708.6	3614716	NonCancerChronicDerived_InhSoilDermMMilk	0.00024	0.00024
866	ALL	508032.1	3614059	NonCancerChronicDerived_InhSoilDermMMilk	0.000238	0.000238

1152	ALL	507733	3614712	NonCancerChronicDerived_InhSoilDermMMilk	0.000238	0.000238
1100	ALL	507167.6	3614585	NonCancerChronicDerived_InhSoilDermMMilk	0.000238	0.000238
1153	ALL	507757.3	3614709	NonCancerChronicDerived_InhSoilDermMMilk	0.000236	0.000236
1035	ALL	507310.5	3614266	NonCancerChronicDerived_InhSoilDermMMilk	0.000235	0.000235
1154	ALL	507781.7	3614705	NonCancerChronicDerived_InhSoilDermMMilk	0.000234	0.000234
872	ALL	508060.2	3614154	NonCancerChronicDerived_InhSoilDermMMilk	0.000234	0.000234
830	ALL	508130.2	3614332	NonCancerChronicDerived_InhSoilDermMMilk	0.000233	0.000233
1155	ALL	507806	3614701	NonCancerChronicDerived_InhSoilDermMMilk	0.000233	0.000233
1138	ALL	507392	3614763	NonCancerChronicDerived_InhSoilDermMMilk	0.000232	0.000232
1044	ALL	507285	3614242	NonCancerChronicDerived_InhSoilDermMMilk	0.000232	0.000232
1085	ALL	507101.9	3614468	NonCancerChronicDerived_InhSoilDermMMilk	0.000232	0.000232
1156	ALL	507830.4	3614698	NonCancerChronicDerived_InhSoilDermMMilk	0.000231	0.000231
991	ALL	507528.9	3614300	NonCancerChronicDerived_InhSoilDermMMilk	0.00023	0.00023
1101	ALL	507179.2	3614606	NonCancerChronicDerived_InhSoilDermMMilk	0.00023	0.00023
1157	ALL	507854.7	3614694	NonCancerChronicDerived_InhSoilDermMMilk	0.00023	0.00023
1268	ALL	508137.7	3614572	NonCancerChronicDerived_InhSoilDermMMilk	0.000229	0.000229
821	ALL	508190.5	3614464	NonCancerChronicDerived_InhSoilDermMMilk	0.000229	0.000229
1158	ALL	507879.1	3614691	NonCancerChronicDerived_InhSoilDermMMilk	0.000229	0.000229
1025	ALL	507360	3614288	NonCancerChronicDerived_InhSoilDermMMilk	0.000229	0.000229
1253	ALL	508017.9	3614656	NonCancerChronicDerived_InhSoilDermMMilk	0.000228	0.000228
1159	ALL	507903.4	3614687	NonCancerChronicDerived_InhSoilDermMMilk	0.000227	0.000227
1267	ALL	508120.7	3614589	NonCancerChronicDerived_InhSoilDermMMilk	0.000227	0.000227
873	ALL	508059.4	3614130	NonCancerChronicDerived_InhSoilDermMMilk	0.000226	0.000226
820	ALL	508186.3	3614507	NonCancerChronicDerived_InhSoilDermMMilk	0.000226	0.000226
817	ALL	508174	3614375	NonCancerChronicDerived_InhSoilDermMMilk	0.000225	0.000225
1002	ALL	507503.9	3614299	NonCancerChronicDerived_InhSoilDermMMilk	0.000225	0.000225
1160	ALL	507927.8	3614683	NonCancerChronicDerived_InhSoilDermMMilk	0.000224	0.000224
1094	ALL	507258.8	3614698	NonCancerChronicDerived_InhSoilDermMMilk	0.000224	0.000224
838	ALL	508105.9	3614290	NonCancerChronicDerived_InhSoilDermMMilk	0.000224	0.000224
846	ALL	508093.6	3614258	NonCancerChronicDerived_InhSoilDermMMilk	0.000224	0.000224
1266	ALL	508103.7	3614606	NonCancerChronicDerived_InhSoilDermMMilk	0.000223	0.000223
893	ALL	507891	3613965	NonCancerChronicDerived_InhSoilDermMMilk	0.000222	0.000222
1012	ALL	507478.9	3614299	NonCancerChronicDerived_InhSoilDermMMilk	0.000222	0.000222
1102	ALL	507190.7	3614627	NonCancerChronicDerived_InhSoilDermMMilk	0.000221	0.000221
1161	ALL	507952.1	3614680	NonCancerChronicDerived_InhSoilDermMMilk	0.000221	0.000221
822	ALL	508194.7	3614421	NonCancerChronicDerived_InhSoilDermMMilk	0.000221	0.000221
880	ALL	508087.6	3614225	NonCancerChronicDerived_InhSoilDermMMilk	0.00022	0.00022
867	ALL	508031.3	3614035	NonCancerChronicDerived_InhSoilDermMMilk	0.00022	0.00022
874	ALL	508058.7	3614106	NonCancerChronicDerived_InhSoilDermMMilk	0.000218	0.000218
818	ALL	508177	3614544	NonCancerChronicDerived_InhSoilDermMMilk	0.000217	0.000217
1265	ALL	508086.6	3614623	NonCancerChronicDerived_InhSoilDermMMilk	0.000217	0.000217
881	ALL	508086.8	3614201	NonCancerChronicDerived_InhSoilDermMMilk	0.000214	0.000214
1034	ALL	507334.4	3614264	NonCancerChronicDerived_InhSoilDermMMilk	0.000214	0.000214
1024	ALL	507383.9	3614286	NonCancerChronicDerived_InhSoilDermMMilk	0.000212	0.000212
1103	ALL	507202.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	0.00021	0.00021
1110	ALL	507118	3614537	NonCancerChronicDerived_InhSoilDermMMilk	0.00021	0.00021
1264	ALL	508069.6	3614640	NonCancerChronicDerived_InhSoilDermMMilk	0.000209	0.000209
1043	ALL	507308.9	3614241	NonCancerChronicDerived_InhSoilDermMMilk	0.000209	0.000209

882	ALL	508086	3614177	NonCancerChronicDerived_InhSoilDermMMilk	0.000208	0.000208
875	ALL	508057.9	3614082	NonCancerChronicDerived_InhSoilDermMMilk	0.000208	0.000208
837	ALL	508167.1	3614344	NonCancerChronicDerived_InhSoilDermMMilk	0.000208	0.000208
819	ALL	508162.6	3614574	NonCancerChronicDerived_InhSoilDermMMilk	0.000207	0.000207
1252	ALL	508000.8	3614673	NonCancerChronicDerived_InhSoilDermMMilk	0.000206	0.000206
845	ALL	508115.4	3614266	NonCancerChronicDerived_InhSoilDermMMilk	0.000205	0.000205
836	ALL	508139.6	3614309	NonCancerChronicDerived_InhSoilDermMMilk	0.000204	0.000204
1137	ALL	507367.7	3614766	NonCancerChronicDerived_InhSoilDermMMilk	0.000204	0.000204
1123	ALL	507092.8	3614501	NonCancerChronicDerived_InhSoilDermMMilk	0.000203	0.000203
883	ALL	508085.2	3614153	NonCancerChronicDerived_InhSoilDermMMilk	0.000203	0.000203
1023	ALL	507407.8	3614285	NonCancerChronicDerived_InhSoilDermMMilk	0.000201	0.000201
1095	ALL	507270.3	3614719	NonCancerChronicDerived_InhSoilDermMMilk	0.000201	0.000201
980	ALL	507554.2	3614277	NonCancerChronicDerived_InhSoilDermMMilk	0.0002	0.0002
823	ALL	508198.9	3614378	NonCancerChronicDerived_InhSoilDermMMilk	0.0002	0.0002
1111	ALL	507134.2	3614576	NonCancerChronicDerived_InhSoilDermMMilk	0.000199	0.000199
1104	ALL	507213.8	3614668	NonCancerChronicDerived_InhSoilDermMMilk	0.000198	0.000198
1263	ALL	508052.6	3614657	NonCancerChronicDerived_InhSoilDermMMilk	0.000198	0.000198
1276	ALL	508138.4	3614607	NonCancerChronicDerived_InhSoilDermMMilk	0.000197	0.000197
876	ALL	508057.1	3614058	NonCancerChronicDerived_InhSoilDermMMilk	0.000196	0.000196
884	ALL	508084.4	3614129	NonCancerChronicDerived_InhSoilDermMMilk	0.000195	0.000195
1033	ALL	507358.4	3614263	NonCancerChronicDerived_InhSoilDermMMilk	0.000194	0.000194
1112	ALL	507145.7	3614597	NonCancerChronicDerived_InhSoilDermMMilk	0.000194	0.000194
1022	ALL	507431.7	3614283	NonCancerChronicDerived_InhSoilDermMMilk	0.000193	0.000193
1275	ALL	508121.3	3614624	NonCancerChronicDerived_InhSoilDermMMilk	0.000191	0.000191
868	ALL	508030.5	3614011	NonCancerChronicDerived_InhSoilDermMMilk	0.00019	0.00019
990	ALL	507529.2	3614277	NonCancerChronicDerived_InhSoilDermMMilk	0.000188	0.000188
1042	ALL	507332.8	3614239	NonCancerChronicDerived_InhSoilDermMMilk	0.000188	0.000188
885	ALL	508083.6	3614105	NonCancerChronicDerived_InhSoilDermMMilk	0.000188	0.000188
897	ALL	507868.5	3613941	NonCancerChronicDerived_InhSoilDermMMilk	0.000187	0.000187
1021	ALL	507455.7	3614281	NonCancerChronicDerived_InhSoilDermMMilk	0.000187	0.000187
1113	ALL	507157.3	3614618	NonCancerChronicDerived_InhSoilDermMMilk	0.000187	0.000187
843	ALL	508153	3614289	NonCancerChronicDerived_InhSoilDermMMilk	0.000185	0.000185
1274	ALL	508104.3	3614641	NonCancerChronicDerived_InhSoilDermMMilk	0.000185	0.000185
1105	ALL	507225.3	3614689	NonCancerChronicDerived_InhSoilDermMMilk	0.000184	0.000184
844	ALL	508189.6	3614337	NonCancerChronicDerived_InhSoilDermMMilk	0.000184	0.000184
1262	ALL	508035.6	3614674	NonCancerChronicDerived_InhSoilDermMMilk	0.000183	0.000183
1001	ALL	507504.3	3614276	NonCancerChronicDerived_InhSoilDermMMilk	0.000183	0.000183
859	ALL	508004.7	3613988	NonCancerChronicDerived_InhSoilDermMMilk	0.000182	0.000182
1168	ALL	507468.7	3614777	NonCancerChronicDerived_InhSoilDermMMilk	0.000181	0.000181
1170	ALL	507517.4	3614769	NonCancerChronicDerived_InhSoilDermMMilk	0.000181	0.000181
909	ALL	507835.3	3613920	NonCancerChronicDerived_InhSoilDermMMilk	0.000181	0.000181
1169	ALL	507493.1	3614773	NonCancerChronicDerived_InhSoilDermMMilk	0.000181	0.000181
1251	ALL	507983.8	3614690	NonCancerChronicDerived_InhSoilDermMMilk	0.000181	0.000181
1011	ALL	507479.3	3614276	NonCancerChronicDerived_InhSoilDermMMilk	0.000179	0.000179
1114	ALL	507168.8	3614639	NonCancerChronicDerived_InhSoilDermMMilk	0.000179	0.000179
1171	ALL	507541.8	3614766	NonCancerChronicDerived_InhSoilDermMMilk	0.000179	0.000179
1032	ALL	507382.3	3614261	NonCancerChronicDerived_InhSoilDermMMilk	0.000179	0.000179
1122	ALL	507096.6	3614551	NonCancerChronicDerived_InhSoilDermMMilk	0.000178	0.000178

877	ALL	508056.3	3614034	NonCancerChronicDerived_InhSoilDermMMilk	0.000178	0.000178
886	ALL	508082.9	3614081	NonCancerChronicDerived_InhSoilDermMMilk	0.000178	0.000178
979	ALL	507554.6	3614254	NonCancerChronicDerived_InhSoilDermMMilk	0.000178	0.000178
1172	ALL	507566.2	3614762	NonCancerChronicDerived_InhSoilDermMMilk	0.000177	0.000177
1273	ALL	508087.3	3614658	NonCancerChronicDerived_InhSoilDermMMilk	0.000176	0.000176
1173	ALL	507590.5	3614759	NonCancerChronicDerived_InhSoilDermMMilk	0.000176	0.000176
1174	ALL	507614.9	3614755	NonCancerChronicDerived_InhSoilDermMMilk	0.000176	0.000176
1175	ALL	507639.2	3614751	NonCancerChronicDerived_InhSoilDermMMilk	0.000175	0.000175
1176	ALL	507663.6	3614748	NonCancerChronicDerived_InhSoilDermMMilk	0.000175	0.000175
1177	ALL	507687.9	3614744	NonCancerChronicDerived_InhSoilDermMMilk	0.000175	0.000175
1178	ALL	507712.3	3614741	NonCancerChronicDerived_InhSoilDermMMilk	0.000175	0.000175
1096	ALL	507281.9	3614740	NonCancerChronicDerived_InhSoilDermMMilk	0.000174	0.000174
1179	ALL	507736.6	3614737	NonCancerChronicDerived_InhSoilDermMMilk	0.000174	0.000174
1180	ALL	507761	3614733	NonCancerChronicDerived_InhSoilDermMMilk	0.000174	0.000174
892	ALL	507935.2	3613964	NonCancerChronicDerived_InhSoilDermMMilk	0.000173	0.000173
1181	ALL	507785.3	3614730	NonCancerChronicDerived_InhSoilDermMMilk	0.000173	0.000173
1182	ALL	507809.7	3614726	NonCancerChronicDerived_InhSoilDermMMilk	0.000172	0.000172
1183	ALL	507834	3614723	NonCancerChronicDerived_InhSoilDermMMilk	0.000172	0.000172
1167	ALL	507444.4	3614780	NonCancerChronicDerived_InhSoilDermMMilk	0.000172	0.000172
1184	ALL	507858.4	3614719	NonCancerChronicDerived_InhSoilDermMMilk	0.000171	0.000171
1136	ALL	507343.3	3614770	NonCancerChronicDerived_InhSoilDermMMilk	0.000171	0.000171
1185	ALL	507882.7	3614715	NonCancerChronicDerived_InhSoilDermMMilk	0.000171	0.000171
1115	ALL	507180.4	3614660	NonCancerChronicDerived_InhSoilDermMMilk	0.00017	0.00017
1186	ALL	507907.1	3614712	NonCancerChronicDerived_InhSoilDermMMilk	0.00017	0.00017
1041	ALL	507356.8	3614238	NonCancerChronicDerived_InhSoilDermMMilk	0.000169	0.000169
1031	ALL	507406.2	3614260	NonCancerChronicDerived_InhSoilDermMMilk	0.000168	0.000168
1106	ALL	507236.9	3614710	NonCancerChronicDerived_InhSoilDermMMilk	0.000168	0.000168
1187	ALL	507931.4	3614708	NonCancerChronicDerived_InhSoilDermMMilk	0.000168	0.000168
1124	ALL	507112.3	3614588	NonCancerChronicDerived_InhSoilDermMMilk	0.000168	0.000168
887	ALL	508082.1	3614057	NonCancerChronicDerived_InhSoilDermMMilk	0.000166	0.000166
1188	ALL	507955.8	3614704	NonCancerChronicDerived_InhSoilDermMMilk	0.000166	0.000166
1261	ALL	508018.5	3614691	NonCancerChronicDerived_InhSoilDermMMilk	0.000166	0.000166
1272	ALL	508070.3	3614675	NonCancerChronicDerived_InhSoilDermMMilk	0.000165	0.000165
989	ALL	507529.6	3614253	NonCancerChronicDerived_InhSoilDermMMilk	0.000164	0.000164
978	ALL	507555	3614231	NonCancerChronicDerived_InhSoilDermMMilk	0.000163	0.000163
1125	ALL	507123.8	3614609	NonCancerChronicDerived_InhSoilDermMMilk	0.000163	0.000163
1030	ALL	507430.1	3614258	NonCancerChronicDerived_InhSoilDermMMilk	0.000162	0.000162
1166	ALL	507420	3614784	NonCancerChronicDerived_InhSoilDermMMilk	0.000161	0.000161
1116	ALL	507191.9	3614681	NonCancerChronicDerived_InhSoilDermMMilk	0.00016	0.00016
1000	ALL	507504.6	3614253	NonCancerChronicDerived_InhSoilDermMMilk	0.000158	0.000158
1029	ALL	507454.1	3614257	NonCancerChronicDerived_InhSoilDermMMilk	0.000158	0.000158
1126	ALL	507135.4	3614630	NonCancerChronicDerived_InhSoilDermMMilk	0.000157	0.000157
1040	ALL	507380.7	3614236	NonCancerChronicDerived_InhSoilDermMMilk	0.000155	0.000155
1010	ALL	507479.6	3614253	NonCancerChronicDerived_InhSoilDermMMilk	0.000154	0.000154
878	ALL	508055.5	3614010	NonCancerChronicDerived_InhSoilDermMMilk	0.000154	0.000154
1271	ALL	508053.2	3614692	NonCancerChronicDerived_InhSoilDermMMilk	0.000153	0.000153
977	ALL	507555.3	3614207	NonCancerChronicDerived_InhSoilDermMMilk	0.000152	0.000152
1107	ALL	507248.4	3614731	NonCancerChronicDerived_InhSoilDermMMilk	0.000151	0.000151

888	ALL	508081.3	3614033	NonCancerChronicDerived_InhSoilDermMMilk	0.000151	0.000151
1127	ALL	507146.9	3614651	NonCancerChronicDerived_InhSoilDermMMilk	0.00015	0.00015
1117	ALL	507203.5	3614701	NonCancerChronicDerived_InhSoilDermMMilk	0.000149	0.000149
988	ALL	507530	3614230	NonCancerChronicDerived_InhSoilDermMMilk	0.000148	0.000148
1260	ALL	508001.5	3614708	NonCancerChronicDerived_InhSoilDermMMilk	0.000148	0.000148
869	ALL	508029.7	3613987	NonCancerChronicDerived_InhSoilDermMMilk	0.000147	0.000147
1165	ALL	507395.7	3614788	NonCancerChronicDerived_InhSoilDermMMilk	0.000147	0.000147
1039	ALL	507404.6	3614235	NonCancerChronicDerived_InhSoilDermMMilk	0.000146	0.000146
1097	ALL	507293.4	3614761	NonCancerChronicDerived_InhSoilDermMMilk	0.000145	0.000145
910	ALL	507818	3613902	NonCancerChronicDerived_InhSoilDermMMilk	0.000144	0.000144
976	ALL	507555.7	3614184	NonCancerChronicDerived_InhSoilDermMMilk	0.000144	0.000144
1128	ALL	507158.5	3614672	NonCancerChronicDerived_InhSoilDermMMilk	0.000142	0.000142
896	ALL	507912.7	3613940	NonCancerChronicDerived_InhSoilDermMMilk	0.000142	0.000142
999	ALL	507505	3614230	NonCancerChronicDerived_InhSoilDermMMilk	0.000141	0.000141
1259	ALL	507980.5	3614719	NonCancerChronicDerived_InhSoilDermMMilk	0.000141	0.000141
1038	ALL	507428.5	3614233	NonCancerChronicDerived_InhSoilDermMMilk	0.000141	0.000141
891	ALL	507979.3	3613964	NonCancerChronicDerived_InhSoilDermMMilk	0.00014	0.00014
1135	ALL	507319	3614774	NonCancerChronicDerived_InhSoilDermMMilk	0.00014	0.00014
1270	ALL	508036.2	3614709	NonCancerChronicDerived_InhSoilDermMMilk	0.000139	0.000139
1037	ALL	507452.5	3614232	NonCancerChronicDerived_InhSoilDermMMilk	0.000138	0.000138
975	ALL	507556.1	3614161	NonCancerChronicDerived_InhSoilDermMMilk	0.000137	0.000137
987	ALL	507530.4	3614207	NonCancerChronicDerived_InhSoilDermMMilk	0.000137	0.000137
1009	ALL	507480	3614229	NonCancerChronicDerived_InhSoilDermMMilk	0.000137	0.000137
1196	ALL	507496.8	3614798	NonCancerChronicDerived_InhSoilDermMMilk	0.000137	0.000137
1118	ALL	507215	3614722	NonCancerChronicDerived_InhSoilDermMMilk	0.000136	0.000136
1211	ALL	507862.1	3614744	NonCancerChronicDerived_InhSoilDermMMilk	0.000135	0.000135
1210	ALL	507837.7	3614747	NonCancerChronicDerived_InhSoilDermMMilk	0.000135	0.000135
1212	ALL	507886.4	3614740	NonCancerChronicDerived_InhSoilDermMMilk	0.000135	0.000135
1209	ALL	507813.3	3614751	NonCancerChronicDerived_InhSoilDermMMilk	0.000134	0.000134
1208	ALL	507789	3614754	NonCancerChronicDerived_InhSoilDermMMilk	0.000134	0.000134
1213	ALL	507910.8	3614736	NonCancerChronicDerived_InhSoilDermMMilk	0.000134	0.000134
1207	ALL	507764.6	3614758	NonCancerChronicDerived_InhSoilDermMMilk	0.000134	0.000134
1129	ALL	507170	3614693	NonCancerChronicDerived_InhSoilDermMMilk	0.000134	0.000134
1214	ALL	507935.1	3614733	NonCancerChronicDerived_InhSoilDermMMilk	0.000134	0.000134
1206	ALL	507740.3	3614762	NonCancerChronicDerived_InhSoilDermMMilk	0.000134	0.000134
1205	ALL	507715.9	3614765	NonCancerChronicDerived_InhSoilDermMMilk	0.000133	0.000133
1108	ALL	507260	3614752	NonCancerChronicDerived_InhSoilDermMMilk	0.000133	0.000133
1215	ALL	507959.5	3614729	NonCancerChronicDerived_InhSoilDermMMilk	0.000133	0.000133
1204	ALL	507691.6	3614769	NonCancerChronicDerived_InhSoilDermMMilk	0.000133	0.000133
902	ALL	507868.1	3613916	NonCancerChronicDerived_InhSoilDermMMilk	0.000132	0.000132
1203	ALL	507667.2	3614773	NonCancerChronicDerived_InhSoilDermMMilk	0.000132	0.000132
1197	ALL	507521.1	3614794	NonCancerChronicDerived_InhSoilDermMMilk	0.000132	0.000132
1164	ALL	507371.3	3614791	NonCancerChronicDerived_InhSoilDermMMilk	0.000132	0.000132
974	ALL	507556.5	3614138	NonCancerChronicDerived_InhSoilDermMMilk	0.000131	0.000131
889	ALL	508080.5	3614009	NonCancerChronicDerived_InhSoilDermMMilk	0.000131	0.000131
1202	ALL	507642.9	3614776	NonCancerChronicDerived_InhSoilDermMMilk	0.000131	0.000131
1198	ALL	507545.5	3614791	NonCancerChronicDerived_InhSoilDermMMilk	0.00013	0.00013
1195	ALL	507472.4	3614801	NonCancerChronicDerived_InhSoilDermMMilk	0.00013	0.00013

1201	ALL	507618.5	3614780	NonCancerChronicDerived_InhSoilDermMMilk	0.00013	0.00013
1199	ALL	507569.8	3614787	NonCancerChronicDerived_InhSoilDermMMilk	0.00013	0.00013
1200	ALL	507594.2	3614783	NonCancerChronicDerived_InhSoilDermMMilk	0.00013	0.00013
998	ALL	507505.4	3614207	NonCancerChronicDerived_InhSoilDermMMilk	0.000129	0.000129
986	ALL	507530.7	3614184	NonCancerChronicDerived_InhSoilDermMMilk	0.000128	0.000128
973	ALL	507556.8	3614115	NonCancerChronicDerived_InhSoilDermMMilk	0.000126	0.000126
879	ALL	508054.7	3613986	NonCancerChronicDerived_InhSoilDermMMilk	0.000125	0.000125
1008	ALL	507480.4	3614206	NonCancerChronicDerived_InhSoilDermMMilk	0.000125	0.000125
1130	ALL	507181.6	3614714	NonCancerChronicDerived_InhSoilDermMMilk	0.000125	0.000125
939	ALL	507604.5	3614020	NonCancerChronicDerived_InhSoilDermMMilk	0.000124	0.000124
940	ALL	507590.4	3614039	NonCancerChronicDerived_InhSoilDermMMilk	0.000124	0.000124
1194	ALL	507448.1	3614805	NonCancerChronicDerived_InhSoilDermMMilk	0.000123	0.000123
1119	ALL	507226.5	3614743	NonCancerChronicDerived_InhSoilDermMMilk	0.000123	0.000123
938	ALL	507618.6	3614002	NonCancerChronicDerived_InhSoilDermMMilk	0.000123	0.000123
941	ALL	507576.3	3614058	NonCancerChronicDerived_InhSoilDermMMilk	0.000122	0.000122
985	ALL	507531.1	3614161	NonCancerChronicDerived_InhSoilDermMMilk	0.000122	0.000122
937	ALL	507632.7	3613983	NonCancerChronicDerived_InhSoilDermMMilk	0.000121	0.000121
997	ALL	507505.7	3614183	NonCancerChronicDerived_InhSoilDermMMilk	0.00012	0.00012
1269	ALL	508000.5	3614735	NonCancerChronicDerived_InhSoilDermMMilk	0.00012	0.00012
936	ALL	507646.9	3613964	NonCancerChronicDerived_InhSoilDermMMilk	0.000119	0.000119
942	ALL	507562.2	3614077	NonCancerChronicDerived_InhSoilDermMMilk	0.000119	0.000119
1163	ALL	507347	3614795	NonCancerChronicDerived_InhSoilDermMMilk	0.000117	0.000117
1193	ALL	507423.7	3614809	NonCancerChronicDerived_InhSoilDermMMilk	0.000116	0.000116
935	ALL	507661	3613945	NonCancerChronicDerived_InhSoilDermMMilk	0.000116	0.000116
895	ALL	507956.8	3613939	NonCancerChronicDerived_InhSoilDermMMilk	0.000116	0.000116
984	ALL	507531.5	3614137	NonCancerChronicDerived_InhSoilDermMMilk	0.000116	0.000116
1007	ALL	507480.7	3614183	NonCancerChronicDerived_InhSoilDermMMilk	0.000115	0.000115
1109	ALL	507271.5	3614773	NonCancerChronicDerived_InhSoilDermMMilk	0.000115	0.000115
1131	ALL	507193.1	3614734	NonCancerChronicDerived_InhSoilDermMMilk	0.000115	0.000115
996	ALL	507506.1	3614160	NonCancerChronicDerived_InhSoilDermMMilk	0.000113	0.000113
934	ALL	507675.1	3613926	NonCancerChronicDerived_InhSoilDermMMilk	0.000112	0.000112
983	ALL	507531.8	3614114	NonCancerChronicDerived_InhSoilDermMMilk	0.00011	0.00011
890	ALL	508079.7	3613985	NonCancerChronicDerived_InhSoilDermMMilk	0.00011	0.00011
1120	ALL	507238.1	3614764	NonCancerChronicDerived_InhSoilDermMMilk	0.00011	0.00011
1241	ALL	507914.4	3614761	NonCancerChronicDerived_InhSoilDermMMilk	0.000109	0.000109
1242	ALL	507938.8	3614758	NonCancerChronicDerived_InhSoilDermMMilk	0.000109	0.000109
921	ALL	507739.4	3613888	NonCancerChronicDerived_InhSoilDermMMilk	0.000109	0.000109
1240	ALL	507890.1	3614765	NonCancerChronicDerived_InhSoilDermMMilk	0.000109	0.000109
1243	ALL	507963.1	3614754	NonCancerChronicDerived_InhSoilDermMMilk	0.000109	0.000109
1239	ALL	507865.7	3614768	NonCancerChronicDerived_InhSoilDermMMilk	0.000109	0.000109
1238	ALL	507841.4	3614772	NonCancerChronicDerived_InhSoilDermMMilk	0.000108	0.000108
1192	ALL	507399.4	3614812	NonCancerChronicDerived_InhSoilDermMMilk	0.000108	0.000108
1006	ALL	507481.1	3614160	NonCancerChronicDerived_InhSoilDermMMilk	0.000108	0.000108
901	ALL	507912.2	3613915	NonCancerChronicDerived_InhSoilDermMMilk	0.000107	0.000107
1237	ALL	507817	3614776	NonCancerChronicDerived_InhSoilDermMMilk	0.000107	0.000107
995	ALL	507506.5	3614137	NonCancerChronicDerived_InhSoilDermMMilk	0.000107	0.000107
1236	ALL	507792.7	3614779	NonCancerChronicDerived_InhSoilDermMMilk	0.000107	0.000107
1235	ALL	507768.3	3614783	NonCancerChronicDerived_InhSoilDermMMilk	0.000106	0.000106

911	ALL	507800.7	3613885	NonCancerChronicDerived_InhSoilDermMMilk	0.000106	0.000106
922	ALL	507702.6	3613898	NonCancerChronicDerived_InhSoilDermMMilk	0.000105	0.000105
1234	ALL	507744	3614786	NonCancerChronicDerived_InhSoilDermMMilk	0.000105	0.000105
982	ALL	507532.2	3614091	NonCancerChronicDerived_InhSoilDermMMilk	0.000105	0.000105
1224	ALL	507500.4	3614823	NonCancerChronicDerived_InhSoilDermMMilk	0.000105	0.000105
894	ALL	507996.6	3613946	NonCancerChronicDerived_InhSoilDermMMilk	0.000105	0.000105
1132	ALL	507204.7	3614755	NonCancerChronicDerived_InhSoilDermMMilk	0.000104	0.000104
1233	ALL	507719.6	3614790	NonCancerChronicDerived_InhSoilDermMMilk	0.000104	0.000104
1162	ALL	507307.9	3614796	NonCancerChronicDerived_InhSoilDermMMilk	0.000104	0.000104
950	ALL	507570.4	3614024	NonCancerChronicDerived_InhSoilDermMMilk	0.000103	0.000103
1232	ALL	507695.3	3614794	NonCancerChronicDerived_InhSoilDermMMilk	0.000103	0.000103
949	ALL	507584.5	3614005	NonCancerChronicDerived_InhSoilDermMMilk	0.000103	0.000103
951	ALL	507556.3	3614043	NonCancerChronicDerived_InhSoilDermMMilk	0.000103	0.000103
914	ALL	507888.3	3613903	NonCancerChronicDerived_InhSoilDermMMilk	0.000103	0.000103
948	ALL	507598.6	3613987	NonCancerChronicDerived_InhSoilDermMMilk	0.000102	0.000102
1231	ALL	507670.9	3614797	NonCancerChronicDerived_InhSoilDermMMilk	0.000102	0.000102
952	ALL	507542.2	3614062	NonCancerChronicDerived_InhSoilDermMMilk	0.000102	0.000102
994	ALL	507506.8	3614114	NonCancerChronicDerived_InhSoilDermMMilk	0.000102	0.000102
1005	ALL	507481.5	3614137	NonCancerChronicDerived_InhSoilDermMMilk	0.000101	0.000101
1225	ALL	507524.8	3614819	NonCancerChronicDerived_InhSoilDermMMilk	0.000101	0.000101
1230	ALL	507646.5	3614801	NonCancerChronicDerived_InhSoilDermMMilk	0.000101	0.000101
1226	ALL	507549.1	3614815	NonCancerChronicDerived_InhSoilDermMMilk	0.000101	0.000101
947	ALL	507612.7	3613968	NonCancerChronicDerived_InhSoilDermMMilk	0.000101	0.000101
920	ALL	507776.2	3613878	NonCancerChronicDerived_InhSoilDermMMilk	0.000101	0.000101
1227	ALL	507573.5	3614812	NonCancerChronicDerived_InhSoilDermMMilk	0.0001	0.0001
1229	ALL	507622.2	3614804	NonCancerChronicDerived_InhSoilDermMMilk	0.0001	0.0001
1223	ALL	507476.1	3614826	NonCancerChronicDerived_InhSoilDermMMilk	9.99E-05	9.99E-05
1228	ALL	507597.8	3614808	NonCancerChronicDerived_InhSoilDermMMilk	9.99E-05	9.99E-05
1191	ALL	507375	3614816	NonCancerChronicDerived_InhSoilDermMMilk	9.96E-05	9.96E-05
946	ALL	507626.9	3613949	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-05	9.87E-05
912	ALL	507835.8	3613885	NonCancerChronicDerived_InhSoilDermMMilk	9.73E-05	9.73E-05
1121	ALL	507249.6	3614785	NonCancerChronicDerived_InhSoilDermMMilk	9.72E-05	9.72E-05
993	ALL	507507.2	3614091	NonCancerChronicDerived_InhSoilDermMMilk	9.65E-05	9.65E-05
945	ALL	507641	3613930	NonCancerChronicDerived_InhSoilDermMMilk	9.61E-05	9.61E-05
1004	ALL	507481.8	3614113	NonCancerChronicDerived_InhSoilDermMMilk	9.58E-05	9.58E-05
908	ALL	507867.6	3613891	NonCancerChronicDerived_InhSoilDermMMilk	9.54E-05	9.54E-05
1222	ALL	507451.7	3614830	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-05	9.52E-05
899	ALL	508039.2	3613952	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-05	9.49E-05
1133	ALL	507216.2	3614776	NonCancerChronicDerived_InhSoilDermMMilk	9.40E-05	9.40E-05
992	ALL	507514.7	3614069	NonCancerChronicDerived_InhSoilDermMMilk	9.38E-05	9.38E-05
944	ALL	507655.1	3613911	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-05	9.28E-05
1190	ALL	507350.6	3614819	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-05	9.24E-05
961	ALL	507536.3	3614028	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-05	9.13E-05
962	ALL	507522.2	3614047	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-05	9.12E-05
960	ALL	507550.4	3614009	NonCancerChronicDerived_InhSoilDermMMilk	9.10E-05	9.10E-05
900	ALL	507956.4	3613914	NonCancerChronicDerived_InhSoilDermMMilk	9.09E-05	9.09E-05
1221	ALL	507427.4	3614833	NonCancerChronicDerived_InhSoilDermMMilk	9.06E-05	9.06E-05
959	ALL	507564.5	3613990	NonCancerChronicDerived_InhSoilDermMMilk	9.04E-05	9.04E-05

958	ALL	507578.6	3613972	NonCancerChronicDerived_InhSoilDermMMilk	8.95E-05	8.95E-05
943	ALL	507682.6	3613883	NonCancerChronicDerived_InhSoilDermMMilk	8.84E-05	8.84E-05
957	ALL	507592.7	3613953	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-05	8.81E-05
1003	ALL	507488.9	3614071	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-05	8.81E-05
925	ALL	507714.3	3613869	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-05	8.77E-05
956	ALL	507606.9	3613934	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-05	8.64E-05
1220	ALL	507403	3614837	NonCancerChronicDerived_InhSoilDermMMilk	8.58E-05	8.58E-05
1189	ALL	507304.2	3614820	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-05	8.52E-05
1134	ALL	507227.7	3614797	NonCancerChronicDerived_InhSoilDermMMilk	8.45E-05	8.45E-05
924	ALL	507751.2	3613859	NonCancerChronicDerived_InhSoilDermMMilk	8.44E-05	8.44E-05
955	ALL	507621	3613915	NonCancerChronicDerived_InhSoilDermMMilk	8.43E-05	8.43E-05
907	ALL	507911.8	3613890	NonCancerChronicDerived_InhSoilDermMMilk	8.36E-05	8.36E-05
972	ALL	507502.2	3614032	NonCancerChronicDerived_InhSoilDermMMilk	8.34E-05	8.34E-05
971	ALL	507516.3	3614013	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-05	8.29E-05
898	ALL	507996.2	3613921	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-05	8.29E-05
970	ALL	507530.4	3613994	NonCancerChronicDerived_InhSoilDermMMilk	8.21E-05	8.21E-05
954	ALL	507635.1	3613896	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-05	8.19E-05
913	ALL	507818.5	3613867	NonCancerChronicDerived_InhSoilDermMMilk	8.18E-05	8.18E-05
969	ALL	507544.5	3613975	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-05	8.13E-05
1219	ALL	507378.7	3614841	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-05	8.10E-05
968	ALL	507558.6	3613957	NonCancerChronicDerived_InhSoilDermMMilk	8.04E-05	8.04E-05
967	ALL	507572.7	3613938	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-05	7.91E-05
953	ALL	507662.6	3613868	NonCancerChronicDerived_InhSoilDermMMilk	7.85E-05	7.85E-05
923	ALL	507782.7	3613854	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-05	7.83E-05
966	ALL	507586.9	3613919	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-05	7.76E-05
915	ALL	507853.7	3613867	NonCancerChronicDerived_InhSoilDermMMilk	7.71E-05	7.71E-05
905	ALL	508056.4	3613934	NonCancerChronicDerived_InhSoilDermMMilk	7.71E-05	7.71E-05
1218	ALL	507354.3	3614844	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-05	7.68E-05
929	ALL	507707.7	3613845	NonCancerChronicDerived_InhSoilDermMMilk	7.62E-05	7.62E-05
965	ALL	507601	3613900	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-05	7.60E-05
1217	ALL	507256.5	3614825	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-05	7.57E-05
964	ALL	507615.1	3613881	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-05	7.42E-05
906	ALL	507956	3613889	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-05	7.31E-05
1216	ALL	507310.3	3614845	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-05	7.27E-05
928	ALL	507744.5	3613835	NonCancerChronicDerived_InhSoilDermMMilk	7.26E-05	7.26E-05
917	ALL	507888.9	3613868	NonCancerChronicDerived_InhSoilDermMMilk	7.23E-05	7.23E-05
963	ALL	507647	3613850	NonCancerChronicDerived_InhSoilDermMMilk	7.15E-05	7.15E-05
916	ALL	507836.4	3613850	NonCancerChronicDerived_InhSoilDermMMilk	6.88E-05	6.88E-05
904	ALL	508031	3613909	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-05	6.84E-05
933	ALL	507701.1	3613821	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-05	6.80E-05
903	ALL	507995.7	3613896	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-05	6.80E-05
926	ALL	507776.1	3613830	NonCancerChronicDerived_InhSoilDermMMilk	6.75E-05	6.75E-05
927	ALL	507813.7	3613836	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-05	6.56E-05
918	ALL	507871.6	3613850	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-05	6.49E-05
932	ALL	507737.9	3613811	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-05	6.42E-05
930	ALL	507773.8	3613806	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-05	5.99E-05
919	ALL	507854.3	3613832	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-05	5.96E-05
931	ALL	507824	3613815	NonCancerChronicDerived_InhSoilDermMMilk	5.74E-05	5.74E-05

326	ALL	506207.5	3613685	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-05	5.72E-05
325	ALL	506189.7	3613721	NonCancerChronicDerived_InhSoilDermMMilk	5.64E-05	5.64E-05
330	ALL	505825.2	3614223	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-05	2.94E-05
335	ALL	505850.2	3614248	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-05	2.89E-05
329	ALL	505800.2	3614223	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-05	2.88E-05
334	ALL	505825.2	3614248	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-05	2.83E-05
328	ALL	505775.2	3614223	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-05	2.81E-05
333	ALL	505800.2	3614248	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-05	2.77E-05
340	ALL	505850.2	3614273	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-05	2.75E-05
327	ALL	505750.2	3614223	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-05	2.74E-05
339	ALL	505825.2	3614273	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-05	2.71E-05
332	ALL	505775.2	3614248	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-05	2.70E-05
338	ALL	505800.2	3614273	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-05	2.66E-05
346	ALL	505875.2	3614298	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-05	2.65E-05
331	ALL	505750.2	3614248	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-05	2.63E-05
345	ALL	505850.2	3614298	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-05	2.61E-05
337	ALL	505775.2	3614273	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-05	2.60E-05
344	ALL	505825.2	3614298	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-05	2.58E-05
343	ALL	505800.2	3614298	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-05	2.55E-05
336	ALL	505750.2	3614273	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-05	2.51E-05
342	ALL	505775.2	3614298	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-05	2.50E-05
352	ALL	505875.2	3614323	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-05	2.50E-05
351	ALL	505850.2	3614323	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-05	2.47E-05
350	ALL	505825.2	3614323	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-05	2.46E-05
349	ALL	505800.2	3614323	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-05	2.45E-05
348	ALL	505775.2	3614323	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-05	2.40E-05
341	ALL	505750.2	3614298	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-05	2.39E-05
359	ALL	505900.2	3614348	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-05	2.38E-05
358	ALL	505875.2	3614348	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-05	2.33E-05
357	ALL	505850.2	3614348	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-05	2.31E-05
356	ALL	505825.2	3614348	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-05	2.30E-05
355	ALL	505800.2	3614348	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-05	2.30E-05
347	ALL	505750.2	3614323	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-05	2.27E-05
394	ALL	506150.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-05	2.26E-05
354	ALL	505775.2	3614348	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-05	2.25E-05
365	ALL	505925.2	3614373	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-05	2.22E-05
364	ALL	505900.2	3614373	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-05	2.18E-05
363	ALL	505875.2	3614373	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-05	2.15E-05
393	ALL	506125.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-05	2.13E-05
353	ALL	505750.2	3614348	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-05	2.13E-05
362	ALL	505850.2	3614373	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-05	2.12E-05
361	ALL	505825.2	3614373	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-05	2.11E-05
405	ALL	506150.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-05	2.10E-05
360	ALL	505800.2	3614373	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-05	2.09E-05
371	ALL	505925.2	3614398	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-05	2.04E-05
392	ALL	506100.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-05	2.02E-05
370	ALL	505900.2	3614398	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-05	2.00E-05
369	ALL	505875.2	3614398	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-05	1.97E-05

404	ALL	506125.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-05	1.96E-05
368	ALL	505850.2	3614398	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-05	1.95E-05
415	ALL	506150.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-05	1.94E-05
391	ALL	506075.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-05	1.93E-05
367	ALL	505825.2	3614398	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-05	1.92E-05
366	ALL	505800.2	3614398	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-05	1.89E-05
377	ALL	505925.2	3614423	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-05	1.87E-05
403	ALL	506100.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-05	1.84E-05
376	ALL	505900.2	3614423	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-05	1.84E-05
375	ALL	505875.2	3614423	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-05	1.81E-05
414	ALL	506125.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-05	1.81E-05
374	ALL	505850.2	3614423	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-05	1.78E-05
402	ALL	506075.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-05	1.78E-05
428	ALL	506150.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-05	1.77E-05
373	ALL	505825.2	3614423	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-05	1.74E-05
383	ALL	505925.2	3614448	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-05	1.74E-05
382	ALL	505900.2	3614448	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-05	1.72E-05
372	ALL	505800.2	3614423	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-05	1.71E-05
390	ALL	505975.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-05	1.70E-05
413	ALL	506100.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-05	1.70E-05
381	ALL	505875.2	3614448	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-05	1.69E-05
427	ALL	506125.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-05	1.68E-05
380	ALL	505850.2	3614448	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-05	1.66E-05
389	ALL	505950.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-05	1.66E-05
412	ALL	506075.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-05	1.65E-05
388	ALL	505925.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-05	1.63E-05
440	ALL	506150.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-05	1.63E-05
379	ALL	505825.2	3614448	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-05	1.63E-05
387	ALL	505900.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05	1.61E-05
401	ALL	505975.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-05	1.60E-05
426	ALL	506100.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05	1.59E-05
386	ALL	505875.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05	1.59E-05
378	ALL	505800.2	3614448	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05	1.59E-05
385	ALL	505850.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-05	1.57E-05
400	ALL	505950.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-05	1.56E-05
439	ALL	506125.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-05	1.56E-05
425	ALL	506075.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-05	1.55E-05
399	ALL	505925.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-05	1.54E-05
384	ALL	505825.2	3614473	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-05	1.53E-05
398	ALL	505900.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-05	1.52E-05
424	ALL	506050.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-05	1.52E-05
452	ALL	506150.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-05	1.51E-05
411	ALL	505975.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-05	1.51E-05
438	ALL	506100.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-05	1.50E-05
397	ALL	505875.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-05	1.50E-05
423	ALL	506025.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-05	1.49E-05
410	ALL	505950.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-05	1.48E-05
396	ALL	505850.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-05	1.48E-05

437	ALL	506075.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-05	1.47E-05
451	ALL	506125.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-05	1.46E-05
422	ALL	506000.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-05	1.46E-05
409	ALL	505925.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05	1.45E-05
395	ALL	505825.2	3614498	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05	1.45E-05
436	ALL	506050.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-05	1.44E-05
408	ALL	505900.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-05	1.44E-05
421	ALL	505975.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-05	1.43E-05
450	ALL	506100.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-05	1.42E-05
407	ALL	505875.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-05	1.42E-05
463	ALL	506150.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-05	1.42E-05
435	ALL	506025.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-05	1.41E-05
420	ALL	505950.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-05	1.41E-05
406	ALL	505850.2	3614523	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-05	1.40E-05
449	ALL	506075.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-05	1.39E-05
419	ALL	505925.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-05	1.39E-05
434	ALL	506000.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-05	1.38E-05
462	ALL	506125.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-05	1.38E-05
418	ALL	505900.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05	1.37E-05
433	ALL	505975.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-05	1.36E-05
448	ALL	506050.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-05	1.36E-05
417	ALL	505875.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-05	1.35E-05
461	ALL	506100.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-05	1.35E-05
432	ALL	505950.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-05	1.34E-05
474	ALL	506150.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-05	1.34E-05
447	ALL	506025.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-05	1.34E-05
416	ALL	505850.2	3614548	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-05	1.33E-05
431	ALL	505925.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-05	1.32E-05
460	ALL	506075.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-05	1.32E-05
446	ALL	506000.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-05	1.32E-05
473	ALL	506125.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-05	1.31E-05
430	ALL	505900.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-05	1.30E-05
445	ALL	505975.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-05	1.30E-05
459	ALL	506050.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-05	1.30E-05
444	ALL	505950.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05	1.28E-05
429	ALL	505875.2	3614573	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05	1.28E-05
472	ALL	506100.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05	1.28E-05
458	ALL	506025.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05	1.28E-05
485	ALL	506150.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-05	1.27E-05
443	ALL	505925.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-05	1.26E-05
457	ALL	506000.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-05	1.26E-05
471	ALL	506075.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-05	1.26E-05
442	ALL	505900.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-05	1.24E-05
456	ALL	505975.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-05	1.24E-05
484	ALL	506125.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-05	1.24E-05
470	ALL	506050.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-05	1.24E-05
455	ALL	505950.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-05	1.23E-05
441	ALL	505875.2	3614598	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05	1.22E-05

469	ALL	506025.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05	1.22E-05
483	ALL	506100.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-05	1.21E-05
454	ALL	505925.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-05	1.21E-05
496	ALL	506150.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-05	1.20E-05
468	ALL	506000.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-05	1.20E-05
482	ALL	506075.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-05	1.20E-05
453	ALL	505900.2	3614623	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-05	1.19E-05
467	ALL	505975.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-05	1.19E-05
481	ALL	506050.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-05	1.18E-05
495	ALL	506125.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-05	1.18E-05
466	ALL	505950.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-05	1.18E-05
480	ALL	506025.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05	1.16E-05
465	ALL	505925.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05	1.16E-05
494	ALL	506100.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05	1.15E-05
479	ALL	506000.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05	1.15E-05
464	ALL	505900.2	3614648	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-05	1.14E-05
507	ALL	506150.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-05	1.14E-05
493	ALL	506075.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-05	1.14E-05
478	ALL	505975.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-05	1.14E-05
477	ALL	505950.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-05	1.12E-05
492	ALL	506050.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-05	1.12E-05
506	ALL	506125.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-05	1.12E-05
491	ALL	506025.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-05	1.11E-05
476	ALL	505925.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-05	1.11E-05
490	ALL	506000.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-05	1.10E-05
505	ALL	506100.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-05	1.10E-05
475	ALL	505900.2	3614673	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-05	1.09E-05
489	ALL	505975.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-05	1.09E-05
504	ALL	506075.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-05	1.08E-05
518	ALL	506150.2	3614748	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-05	1.08E-05
488	ALL	505950.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-05	1.07E-05
503	ALL	506050.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-05	1.07E-05
487	ALL	505925.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-05	1.06E-05
517	ALL	506125.2	3614748	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-05	1.06E-05
502	ALL	506025.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-05	1.06E-05
501	ALL	506000.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-05	1.05E-05
486	ALL	505900.2	3614698	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-05	1.05E-05
516	ALL	506100.2	3614748	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-05	1.04E-05
500	ALL	505975.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-05	1.04E-05
515	ALL	506075.2	3614748	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-05	1.03E-05
499	ALL	505950.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-05	1.03E-05
527	ALL	506150.2	3614773	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-05	1.02E-05
514	ALL	506050.2	3614748	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-05	1.02E-05
498	ALL	505925.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-05	1.01E-05
526	ALL	506125.2	3614773	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-05	1.00E-05
513	ALL	506025.2	3614748	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-05	1.00E-05
497	ALL	505900.2	3614723	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-05	1.00E-05
512	ALL	506000.2	3614748	NonCancerChronicDerived_InhSoilDermMMilk	9.94E-06	9.94E-06